

# Union Calendar No. 521

115<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION

# H. R. 5515

**[Report No. 115-676]**

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

APRIL 13, 2018

Mr. THORNBERRY (for himself and Mr. SMITH of Washington) (both by request) introduced the following bill; which was referred to the Committee on Armed Services

MAY 15, 2018

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in *italie*]

[For text of introduced bill, see copy of bill as introduced on April 13, 2018]

# **A BILL**

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

1        *Be it enacted by the Senate and House of Representa-*  
 2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4        *This Act may be cited as the “ National Defense Au-*  
 5 *thorization Act for Fiscal Year 2019”.*

6 **SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF**  
 7 **CONTENTS.**

8        (a) *DIVISIONS.*—*This Act is organized into four divi-*  
 9 *sions as follows:*

10            (1) *Division A—Department of Defense Author-*  
 11 *izations.*

12            (2) *Division B—Military Construction Author-*  
 13 *izations.*

14            (3) *Division C—Department of Energy National*  
 15 *Security Authorizations and Other Authorizations.*

16            (4) *Division D—Funding Tables.*

17        (b) *TABLE OF CONTENTS.*—*The table of contents for*  
 18 *this Act is as follows:*

*Sec. 1. Short title.*

*Sec. 2. Organization of Act into divisions; table of contents.*

*Sec. 3. Congressional defense committees.*

*DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS*

*TITLE I—PROCUREMENT*

*Subtitle A—Authorization Of Appropriations*

*Sec. 101. Authorization of appropriations.*

*Subtitle B—Army Programs*

*Sec. 111. National Guard and reserve component equipment report.*

*Sec. 112. Limitation on availability of funds for M27 Infantry Automatic Rifle program.*

*Subtitle C—Navy Programs*

- Sec. 121. Increase in number of operational aircraft carriers of the Navy.*  
*Sec. 122. Procurement authority for Ford class aircraft carrier program.*  
*Sec. 123. Full ship shock trial for Ford class aircraft carrier.*  
*Sec. 124. Multiyear procurement authority for amphibious vessels.*  
*Sec. 125. Multiyear procurement authority for standard missile-6.*  
*Sec. 126. Multiyear procurement authority for E-2D aircraft.*  
*Sec. 127. Multiyear procurement authority for F/A-18E/F aircraft and EA-18G aircraft.*  
*Sec. 128. Modifications to F/A-18 aircraft to mitigate physiological episodes.*  
*Sec. 129. Frigate class ship program.*  
*Sec. 130. Limitation on procurement of economic order quantities for Virginia class submarine program.*  
*Sec. 131. Limitation on use of funds for DDG-51 destroyers.*

*Subtitle D—Air Force Programs*

- Sec. 141. Inventory requirement for air refueling tanker aircraft; limitation on retirement of KC-10A aircraft.*  
*Sec. 142. Limitation on use of funds for KC-46A aircraft pending submittal of certification.*  
*Sec. 143. Retirement date for VC-25A aircraft.*  
*Sec. 144. Contract for logistics support for VC-25B aircraft.*  
*Sec. 145. Multiyear procurement authority for C-130J aircraft.*  
*Sec. 146. Removal of waiting period for limitation on availability of funds for EC-130H Compass Call recapitalization program.*  
*Sec. 147. Findings and sense of Congress regarding KC-46 aerial refueling tankers.*

*Subtitle E—Defense-wide, Joint, and Multiservice Matters*

- Sec. 151. Buy-to-budget acquisition of F-35 aircraft.*  
*Sec. 152. Certification on inclusion of technology to minimize physiological episodes in certain aircraft.*

**TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION***Subtitle A—Authorization Of Appropriations*

- Sec. 201. Authorization of appropriations.*

*Subtitle B—Program Requirements, Restrictions, and Limitations*

- Sec. 211. Modification of authority to carry out certain prototype projects.*  
*Sec. 212. Extension of directed energy prototype authority.*  
*Sec. 213. Prohibition on availability of funds for the Weather Common Component program.*  
*Sec. 214. Limitation pending certification on the Joint Surveillance Target Attack Radar System recapitalization program.*  
*Sec. 215. Limitation on availability of funds for F-35 continuous capability development and delivery.*  
*Sec. 216. Limitation on availability of funds pending report on Agile Software Development and Software Operations.*  
*Sec. 217. Limitation on availability of funds for certain high energy laser advanced technology.*

- Sec. 218. Plan for elimination or transfer of the Strategic Capabilities Office of the Department of Defense.*
- Sec. 219. National Security Science And Technology Strategy.*
- Sec. 220. Modification of CVN-73 to support fielding of MQ-25 unmanned aerial vehicle.*

*Subtitle C—Reports and Other Matters*

- Sec. 221. Report on survivability of air defense artillery.*
- Sec. 222. Report on T-45 aircraft physiological episode mitigation actions.*
- Sec. 223. Report on efforts of the Air Force to mitigate physiological episodes affecting aircraft crewmembers.*
- Sec. 224. Briefing on use of quantum sciences for military applications and other purposes.*
- Sec. 225. Report on Defense Innovation Unit Experimental.*

*TITLE III—OPERATION AND MAINTENANCE*

*Subtitle A—Authorization of Appropriations*

- Sec. 301. Authorization of appropriations.*

*Subtitle B—Energy and Environment*

- Sec. 311. Inclusion of consideration of energy and climate resiliency efforts in master plans for major military installations.*
- Sec. 312. Use of proceeds from sales of electrical energy derived from geothermal resources for projects at military installations where resources are located.*
- Sec. 313. Extension of authorized periods of permitted incidental takings of marine mammals in the course of specified activities by Department of Defense.*
- Sec. 314. State management and conservation of species.*

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- Sec. 321. Examination of naval vessels.*
- Sec. 322. Overhaul and repair of naval vessels in foreign shipyards.*
- Sec. 323. Limitation on length of overseas forward deployment of naval vessels.*
- Sec. 324. Temporary modification of workload carryover formula.*
- Sec. 325. Limitation on use of funds for implementation of elements of master plan for redevelopment of Former Ship Repair Facility in Guam.*
- Sec. 326. Business case analysis for proposed relocation of J85 Engine Regional Repair Center.*
- Sec. 327. Army advanced and additive manufacturing center of excellence.*

*Subtitle D—Reports*

- Sec. 331. Matters for inclusion in quarterly reports on personnel and unit readiness.*
- Sec. 332. Annual Comptroller General reviews of readiness of Armed Forces to conduct full spectrum operations.*
- Sec. 333. Surface warfare training improvement.*
- Sec. 334. Report on optimizing surface Navy vessel inspections and crew certifications.*

*Subtitle E—Other Matters*

- Sec. 341. Coast Guard representation on explosive safety board.*  
*Sec. 342. Shiloh National Military Park boundary adjustment and Parker's Crossroads Battlefield designation.*  
*Sec. 343. Sense of Congress regarding critical minerals.*

*TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS**Subtitle A—Active Forces*

- Sec. 401. End strengths for active forces.*  
*Sec. 402. Revisions in permanent active duty end strength minimum levels.*

*Subtitle B—Reserve Forces*

- Sec. 411 . End strengths for Selected Reserve.*  
*Sec. 412 . End strengths for reserves on active duty in support of the reserves.*  
*Sec. 413 . End strengths for military technicians (dual status).*  
*Sec. 414 . Maximum number of reserve personnel authorized to be on active duty for operational support.*

*Subtitle C—Authorization of Appropriations*

- Sec. 421 . Military personnel.*

*TITLE V—MILITARY PERSONNEL POLICY**Subtitle A—Regular Component Management*

- Sec. 501. Expansion of authority to award constructive service credit for advanced education, experience, or training, upon original appointment as a commissioned officer.*  
*Sec. 502. Surface warfare officers career paths.*  
*Sec. 503. Authority of selection boards to recommend officers of particular merit be placed at the top of the promotion list.*  
*Sec. 504. Deferred deployment for members who give birth.*  
*Sec. 505. Codification of lowered grade for retired officers or persons who committed misconduct in a lower grade.*  
*Sec. 506. Retention of military technicians who lose dual status under certain circumstances.*

*Subtitle B—Reserve Component Management*

- Sec. 511. Placement of National Guard military technicians (dual status) in the competitive service.*  
*Sec. 512. Authorized strength and distribution in grade.*  
*Sec. 513. National Guard Promotion Accountability.*  
*Sec. 514. Extension of authority for pilot program on use of retired senior enlisted members of the Army National Guard as Army National Guard recruiters.*

*Subtitle C—General Service Authorities and Correction of Military Records*

- Sec. 521. Enlistments vital to the national interest.*  
*Sec. 522. Statement of benefits.*  
*Sec. 523. Modification to forms of support that may be accepted in support of the mission of the Defense POW/MIA Accounting Agency.*  
*Sec. 524. Correction of military records website.*

- Sec. 525. Modification of DD Form 214 to include email addresses.*  
*Sec. 526. Public availability of reports related to senior leader misconduct.*  
*Sec. 527. Appointment and training of personnel to staff the board of corrections for military and naval records.*

*Subtitle D—Military Justice*

- Sec. 531. Minimum confinement period required for conviction of certain sex-related offenses committed by members of the Armed Forces.*  
*Sec. 532. Punitive article in the Uniform Code of Military Justice on domestic violence.*  
*Sec. 533. Defense Advisory Committee on Investigation, Prosecution, and Defense of Sexual Assault in the Armed Forces.*  
*Sec. 534. Modification of Military Rules of Evidence to exclude admissibility of general military character toward probability of innocence in any offense not strictly related to performance of military duties.*  
*Sec. 535. Improved crime reporting.*  
*Sec. 536. Oversight of registered sex offender management program.*

*Subtitle E—Other Legal Matters*

- Sec. 541. Security clearance reinvestigation of certain personnel who commit certain offenses.*  
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*Sec. 543. Standardization of policies related to expedited transfer in cases of sexual assault.*  
*Sec. 544. Development of oversight plan for implementation of Department of Defense harassment prevention and response policy.*  
*Sec. 545. Development of resource guides regarding sexual assault for the military service academies.*  
*Sec. 546. Report on victims in MCIO reports.*

*Subtitle F—Member Education, Training, Resilience, and Transition*

- Sec. 551. Permanent career intermission program.*  
*Sec. 552. Improvements to Transition Assistance Program.*  
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*Sec. 557. Extended duration of availability of Military OneSource Program services for members of the Armed Forces upon their separation or retirement.*  
*Sec. 558. Comptroller General briefing and report on permanent employment assistance centers.*  
*Sec. 559. Activities to increase awareness of apprenticeship programs.*

*Subtitle G—Defense Dependents' Education and Military Family Readiness Matters*

- Sec. 561. Enhancement and clarification of family support services for family members of members of special operations forces.*
- Sec. 562. Additional matters for assessment and report on childcare services of the Department of Defense.*
- Sec. 563. Continued assistance to schools with significant numbers of military dependent students.*
- Sec. 564. Department of Defense Education Activity misconduct database.*
- Sec. 565. Report on assessment of frequency of permanent changes of station of members of the Armed Forces on employment among military spouses.*

*Subtitle H—Decorations and Awards*

- Sec. 571. Limitations on authority to revoke certain military decorations awarded to members of the Armed Forces.*
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- Sec. 581. Public availability of top-line numbers of deployed members of the Armed Forces.*
- Sec. 582. Criteria for interment at Arlington National Cemetery.*
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- Sec. 584. Report on outside employment of senior personnel.*
- Sec. 585. Limitation on use of funds pending submittal of report on Army Marketing and Advertising Program.*

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- Sec. 602 . Application of basic allowance for housing to members of the uniformed services in the Virgin Islands.*
- Sec. 603 . Mandatory increase in insurance coverage under Servicemembers' Group Life Insurance for members deployed to combat theaters of operation.*
- Sec. 604 . Military Housing Privatization Initiative.*
- Sec. 605 . Per diem allowance policies.*

*Subtitle B—Bonuses and Special Incentive Pays*

- Sec. 611 . One-year extension of certain expiring bonus and special pay authorities.*

*Subtitle C—Other Matters*

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- Sec. 622 . Transportation on military aircraft on a space-available basis for disabled veterans with a service-connected, permanent disability rated as total.*
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- Sec. 624 . Advisory boards regarding military commissaries and exchanges.*  
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*Sec. 702. Pilot program on treatment of members of the Armed Forces for post-traumatic stress disorder related to military sexual trauma.*  
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##### *Subtitle B—Health Care Administration*

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*Sec. 727. Strategic medical research plan.*  
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*PART II—REDESIGNATION OF SECTIONS AND CHAPTERS OF SUBTITLES B, C,  
AND D TO PROVIDE ROOM FOR NEW PART V OF SUBTITLE A*

- Sec. 806. Redesignation of sections and chapters of subtitle D of title 10, United States Code—Air Force.*
- Sec. 807. Redesignation of sections and chapters of subtitle C of title 10, United States Code—Navy and Marine Corps.*
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- Sec. 812. Repeal of certain defense acquisition laws.*
- Sec. 813. Repeal of certain Department of Defense reporting requirements.*

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- Sec. 821. Contract goal for the AbilityOne program.*
- Sec. 822. Increased micro-purchase threshold applicable to Department of Defense procurements.*
- Sec. 823. Preference for offerors employing veterans.*
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- Sec. 825. Data collection and inventory for services contracts.*
- Sec. 826. Competition requirements for purchases from Federal Prison Industries.*
- Sec. 827. Requirement for a fair and reasonable price for technical data before development or production of major weapon systems.*
- Sec. 828. Revisions in authority relating to program cost targets and fielding targets for major defense acquisition programs.*
- Sec. 829. Revision of timeline for use of the rapid fielding pathway for acquisition programs.*
- Sec. 830. Clarification of services contracting definitions.*

*Subtitle C—Provisions Relating to Commercial Items*

- Sec. 831. Revision of definition of commercial item for purposes of Federal acquisition statutes.*
- Sec. 832. Definition of subcontract.*
- Sec. 833. Limitation on applicability to Department of Defense commercial contracts of certain provisions of law and certain executive orders and regulations.*
- Sec. 834. Modifications to procurement through commercial e-commerce portals.*

*Subtitle D—Industrial Base Matters*

- Sec. 841. Requirement that certain ship components be manufactured in the national technology and industrial base.*
- Sec. 842. Report on domestic sourcing of specific components for all Naval vessels.*
- Sec. 843. Removal of national interest determination requirements for certain entities.*
- Sec. 844. Pilot program to test machine-vision technologies to determine the authenticity and security of microelectronic parts in weapon systems.*

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- Sec. 851. Department of Defense small business strategy.*
- Sec. 852. Prompt payments of small business contractors.*
- Sec. 853. Increased participation in the Small Business Administration microloan program.*
- Sec. 854. Amendments to Small Business Innovation Research Program and Small Business Technology Transfer Program.*
- Sec. 855. Construction contract administration.*
- Sec. 856. Broadband and emerging information technology coordinator.*
- Sec. 857. Amendments to the Small Business Investment Act of 1958.*
- Sec. 858. Consolidated budget justification for the Department of Defense Small Business Innovation Research Program and Small Business Technology Transfer Program.*
- Sec. 859. Funding for procurement technical assistance program.*
- Sec. 860. Exemption of certain contracts from the periodic inflation adjustments to the acquisition-related dollar threshold.*

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- Sec. 871. Additional requirements for negotiations for noncommercial computer software.*
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- Sec. 879. Standardization of formatting and public accessibility of Department of Defense reports to Congress.*
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- Sec. 902. Civilian personnel management.*
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- Sec. 911. Authorities and responsibilities of the Chief Management Officer of the Department of Defense.*

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- Sec. 913. Transition of certain Defense Agencies and Department of Defense Field Activities.*
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- Sec. 1001. General transfer authority.*
- Sec. 1002. Expertise in audit remediation.*
- Sec. 1003. Authority to transfer funds to Director of National Intelligence for CAPNET.*
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- Sec. 1011. Department of Defense support for combating opioid trafficking and abuse.*

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- Sec. 1021. Inclusion of operation and sustainment costs in annual naval vessel construction plans.*
- Sec. 1022. Purchase of vessels using funds in National Defense Sealift Fund.*
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- Sec. 1024. Technical corrections and clarifications to chapter 633 of title 10, United States Code, and other provisions of law regarding naval vessels.*
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- Sec. 1032. Prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to the United States.*
- Sec. 1033. Prohibition on use of funds to construct or modify facilities in the United States to house detainees transferred from United States Naval Station, Guantanamo Bay, Cuba.*

*Sec. 1034. Prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to certain countries.*

*Subtitle E—Miscellaneous Authorities and Limitations*

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- Sec. 1102. Modification of direct hire authority for the Department of Defense for post-secondary students and recent graduates.*
- Sec. 1103. Extension of overtime rate authority for Department of the Navy employees performing work aboard or dockside in support of the nuclear-powered aircraft carrier forward deployed in Japan.*
- Sec. 1104. One-year extension and expansion of authority to waive annual limitation on premium pay and aggregate limitation on pay for Federal civilian employees working overseas.*
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- Sec. 1255. *Missile defense exercises in the Indo-Pacific region with United States regional allies and partners.*
- Sec. 1256. *Quadrilateral cooperation and exercise.*
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- Sec. 1260. *Statement of policy on naval vessel transfers to Japan.*
- Sec. 1261. *Report and public notification on China's military, maritime, and air activities in the Indo-Pacific region.*
- Sec. 1262. *Senior defense engagement with Taiwan.*
- Sec. 1263. *Limitation on use of funds to reduce the total number of members of the Armed Forces serving on active duty who are deployed to the Republic of Korea.*
- Sec. 1264. *Enhancing missile defense cooperation with partners.*

*Subtitle F—Other Matters*

- Sec. 1271. Report on status of the United States relationship with the Republic of Turkey.*
- Sec. 1272. Sense of Congress on unity of Gulf Cooperation Council member countries.*
- Sec. 1273. Report on United States Government police training and equipping programs for Mexico.*
- Sec. 1274. Authority to increase engagement and military-to-military cooperation with Western Balkans countries.*
- Sec. 1275. Technical corrections relating to defense security cooperation statutory reorganization.*
- Sec. 1276. United States-Israel countering unmanned aerial systems cooperation.*
- Sec. 1277. Three-year extension of authorization of non-conventional assisted recovery capabilities.*
- Sec. 1278. Revision of statutory references to former NATO support organizations and related NATO agreements.*
- Sec. 1279. Sense of the Congress concerning military-to-military dialogues.*
- Sec. 1280. Modifications to Global Engagement Center.*
- Sec. 1281. Report on acquisition and cross-servicing agreements.*
- Sec. 1282. Prohibition on provision of weapons and other forms of support to certain organizations.*
- Sec. 1283. Certification and authority to terminate funding for academic research relating to foreign talent programs.*
- Sec. 1284. Sense of Congress on support for Georgia.*
- Sec. 1285. Sense of Congress on support for Estonia, Latvia, and Lithuania.*
- Sec. 1286. Report on United States strategy in Yemen.*
- Sec. 1287. Report on Hizballah.*

*TITLE XIII—COOPERATIVE THREAT REDUCTION*

- Sec. 1301. Funding allocations.*
- Sec. 1302. Specification of cooperative threat reduction funds.*

*TITLE XIV—OTHER AUTHORIZATIONS**Subtitle A—Military Programs*

- Sec. 1401. Working capital funds.*
- Sec. 1402. Chemical agents and munitions destruction, defense.*
- Sec. 1403. Drug interdiction and counter-drug activities, defense-wide.*
- Sec. 1404. Defense inspector general.*
- Sec. 1405. Defense health program.*
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*Subtitle B—Other Matters*

- Sec. 1411. Authority for transfer of funds to joint Department of Defense-Department of Veterans Affairs medical facility demonstration fund for Captain James A. Lovell Health Care Center, Illinois.*
- Sec. 1412. Authorization of appropriations for Armed Forces Retirement Home.*
- Sec. 1413. Quarterly briefing on progress of chemical demilitarization program.*



*TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR  
OVERSEAS CONTINGENCY OPERATIONS*

*Subtitle A—Authorization of Appropriations*

- Sec. 1501. Purpose of certain authorizations of appropriations.*
- Sec. 1502. Procurement.*
- Sec. 1503. Research, development, test, and evaluation.*
- Sec. 1504. Operation and maintenance.*
- Sec. 1505. Military personnel.*
- Sec. 1506. Working capital funds.*
- Sec. 1507. Drug interdiction and counter-drug activities, defense-wide.*
- Sec. 1508. Defense inspector general.*
- Sec. 1509. Defense health program.*

*Subtitle B—Financial Matters*

- Sec. 1511. Treatment as additional authorizations.*
- Sec. 1512. Special transfer authority.*

*Subtitle C—Limitations, Reports, and Other Matters*

- Sec. 1521. Afghanistan Security Forces Fund.*
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*TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE  
MATTERS*

*Subtitle A—Space Activities*

- Sec. 1601. Improvements to acquisition system, personnel, and organization of space forces.*
- Sec. 1602. Rapid, responsive, and reliable space launch.*
- Sec. 1603. Provision of space situational awareness services and information.*
- Sec. 1604. Budget assessments for national security space programs.*
- Sec. 1605. Enhancement of positioning, navigation, and timing capacity.*
- Sec. 1606. Use of small- and medium-size buses for strategic and tactical satellite payloads.*
- Sec. 1607. Designation of component of Department of Defense responsible for coordination of modernization efforts relating to military-code capable GPS receiver cards.*
- Sec. 1608. Designation of component of Department of Defense responsible for coordination of hosted payload information.*
- Sec. 1609. Limitation on availability of funds for Joint Space Operations Center mission system.*
- Sec. 1610. Evaluation and enhanced security of supply chain for protected satellite communications programs and overhead persistent infrared systems.*
- Sec. 1611. Report on protected satellite communications.*
- Sec. 1612. Plan on space warfighting readiness.*
- Sec. 1613. Study on space-based radio frequency mapping.*
- Sec. 1614. Plan to provide persistent weather imagery for United States Central Command.*

*Subtitle B—Defense Intelligence and Intelligence-Related Activities*

- Sec. 1621. Role of Under Secretary of Defense for Intelligence.*
- Sec. 1622. Security clearance for dual nationals.*

- Sec. 1623. Department of Defense Counterintelligence polygraph program.*
- Sec. 1624. Defense intelligence business management systems.*
- Sec. 1625. Modification to annual briefing on the intelligence, surveillance, and reconnaissance requirements of the combatant commands.*
- Sec. 1626. Prohibition on the availability of funds for Department of Defense assuming background investigation mission for the Federal Government.*

*Subtitle C—Cyberspace-Related Matters*

- Sec. 1631. Amendments to pilot program regarding cyber vulnerabilities of Department of Defense critical infrastructure.*
- Sec. 1632. Budget display for cyber vulnerability evaluations and mitigation activities for major weapon systems of the Department of Defense.*
- Sec. 1633. Transfer of responsibility for the Department of Defense Information Network to United States Cyber Command.*
- Sec. 1634. Pilot program authority to enhance cybersecurity and resiliency of critical infrastructure.*
- Sec. 1635. Pilot program on regional cyber security training center for the Army National Guard.*
- Sec. 1636. Procedures and reporting requirement on cybersecurity breaches and loss of personally identifiable information.*
- Sec. 1637. Cyber institutes at the senior military colleges.*
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*Subtitle D—Nuclear Forces*

- Sec. 1641. Under Secretary of Defense for Research and Engineering and the Nuclear Weapons Council.*
- Sec. 1642. Long-range standoff weapon requirements.*
- Sec. 1643. Acceleration of ground-based strategic deterrent program and long-range standoff weapon program.*
- Sec. 1644. Procurement authority for certain parts of intercontinental ballistic missile fuzes.*
- Sec. 1645. Prohibition on reduction of the intercontinental ballistic missiles of the United States.*
- Sec. 1646. Extension of prohibition on availability of funds for mobile variant of ground-based strategic deterrent missile.*
- Sec. 1647. Independent study on nuclear weapons launch-under-attack option.*
- Sec. 1648. Extension of annual report on the plan for the nuclear weapons stockpile, nuclear weapons complex, nuclear weapons delivery systems, and nuclear weapons command and control system.*
- Sec. 1649. Sense of Congress on nuclear posture of the United States.*
- Sec. 1650. Sense of Congress on extended nuclear deterrence in the Indo-Pacific region.*

*Subtitle E—Missile Defense Programs*

- Sec. 1661. Development of persistent space-based sensor architecture.*
- Sec. 1662. Boost phase ballistic missile defense.*
- Sec. 1663. Improvements to research and development and acquisition processes of Missile Defense Agency.*
- Sec. 1664. Layered defense of the United States homeland.*
- Sec. 1665. Testing of redesigned kill vehicle prior to production.*
- Sec. 1666. Requirements for ballistic missile defense capable ships.*

- Sec. 1667. Multiyear procurement authority for standard missile—3 block IB missiles.*
- Sec. 1668. Limitation on availability of funds for Army lower tier air and missile defense sensor.*
- Sec. 1669. Missile defense radar in Hawaii.*
- Sec. 1670. Reports on unfunded priorities of the Missile Defense Agency.*
- Sec. 1671. Report on ballistic missile defense.*
- Sec. 1672. Sense of Congress on missile and rocket defense cooperation between the United States and Israel.*

*Subtitle F—Other Matters*

- Sec. 1681. Extension of Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Similar Events.*
- Sec. 1682. Procurement of ammonium perchlorate and other chemicals for use in solid rocket motors.*
- Sec. 1683. Conventional prompt global strike hypersonic capabilities.*
- Sec. 1684. Report regarding industrial base for large solid rocket motors.*
- Sec. 1685. National intelligence estimate with respect to Russian and Chinese interference in democratic countries.*

*DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS*

- Sec. 2001. Short title.*
- Sec. 2002. Expiration of authorizations and amounts required to be specified by law.*
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*TITLE XXI—ARMY MILITARY CONSTRUCTION*

- Sec. 2101. Authorized Army construction and land acquisition projects.*
- Sec. 2102. Family housing.*
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*TITLE XXII—NAVY MILITARY CONSTRUCTION*

- Sec. 2201. Authorized Navy construction and land acquisition projects.*
- Sec. 2202. Family housing.*
- Sec. 2203. Improvements to military family housing units.*
- Sec. 2204. Authorization of appropriations, Navy.*

*TITLE XXIII—AIR FORCE MILITARY CONSTRUCTION*

- Sec. 2301. Authorized Air Force construction and land acquisition projects.*
- Sec. 2302. Family housing.*
- Sec. 2303. Improvements to military family housing units.*
- Sec. 2304. Authorization of appropriations, Air Force.*
- Sec. 2305. Modification of authority to carry out certain phased project authorized in fiscal years 2015, 2016, and 2017.*
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*TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION*

- Sec. 2401. Authorized defense agencies construction and land acquisition projects.*  
*Sec. 2402. Authorized energy conservation projects.*  
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*TITLE XXV—INTERNATIONAL PROGRAMS**Subtitle A—North Atlantic Treaty Organization Security Investment Program*

- Sec. 2501. Authorized NATO construction and land acquisition projects.*  
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- Sec. 2511. Republic of Korea funded construction projects.*

*TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES**Subtitle A—Project Authorizations and Authorization of Appropriations*

- Sec. 2601. Authorized Army National Guard construction and land acquisition projects.*  
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*Sec. 2603. Authorized Navy Reserve and Marine Corps Reserve construction and land acquisition projects.*  
*Sec. 2604. Authorized Air National Guard construction and land acquisition projects.*  
*Sec. 2605. Authorized Air Force Reserve construction and land acquisition projects.*  
*Sec. 2606. Authorization of appropriations, National Guard and Reserve.*

*Subtitle B—Other Matters*

- Sec. 2611. Modification of authority to carry out certain fiscal year 2016 project.*  
*Sec. 2612. Modification of authority to carry out certain fiscal year 2018 project.*  
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*TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES*

- Sec. 2701. Authorization of appropriations for base realignment and closure activities funded through Department of Defense Base Closure Account.*  
*Sec. 2702. Additional authority to realign or close certain military installations.*  
*Sec. 2703. Prohibition on conducting additional Base Realignment and Closure (BRAC) round.*

*TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS**Subtitle A—Military Construction Program and Military Family Housing*

- Sec. 2801. Commercial construction standards for facilities on leased property.*  
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*Sec. 2803. Small business set-aside for contracts for architectural and engineering services and construction design.*  
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- Sec. 2805. Repeal of limitation on certain Guam project.*
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- Sec. 2811. Optional participation in collection of information on unutilized and underutilized military installation properties available for homeless assistance.*
- Sec. 2812. Force structure plans and infrastructure capabilities necessary to support the force structure.*
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- Sec. 2814. Updating prohibition on use of certain assessment of public schools on Department of Defense installations to supersede funding of certain projects.*

*Subtitle C—Land Conveyances*

- Sec. 2821. Authority for transfer of administrative jurisdiction over certain lands, Marine Corps Air Ground Combat Center Twentynine Palms, California, and Marine Corps Air Station Yuma, Arizona.*
- Sec. 2822. Public inventory of Guam land parcels for transfer to Government of Guam.*
- Sec. 2823. Land conveyance, Naval Academy dairy farm, Gambrills, Maryland.*
- Sec. 2824. Technical correction of description of Limestone Hills Training Area Land Withdrawal and Reservation, Montana.*
- Sec. 2825. Land conveyance, Wasatch-Cache National Forest, Rich County, Utah.*

*Subtitle D—Military Land Withdrawals*

- Sec. 2831. Indefinite duration of certain military land withdrawals and reservations and improved management of withdrawn and reserved lands.*
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*Subtitle E—Other Matters*

- Sec. 2841. Defense community infrastructure program.*
- Sec. 2842. Restrictions on use of funds for development of public infrastructure in Commonwealth of Northern Mariana Islands.*
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**TITLE XXIX—OVERSEAS CONTINGENCY OPERATIONS MILITARY CONSTRUCTION**

- Sec. 2901. Authorized Army construction and land acquisition projects.*
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*Subtitle A—National Security Programs and Authorizations*

*Sec. 3101. National Nuclear Security Administration.*

*Sec. 3102. Defense environmental cleanup.*

*Sec. 3103. Other defense activities.*

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*Subtitle B—Program Authorizations, Restrictions, and Limitations*

*Sec. 3111. Security clearance for dual nationals employed by National Nuclear Security Agency.*

*Sec. 3112. Department of Energy counterintelligence polygraph program.*

*Sec. 3113. Extension of enhanced procurement authority to manage supply chain risk.*

*Sec. 3114. Low-yield nuclear weapons.*

*Sec. 3115. Use of funds for construction and project support activities relating to MOX facility.*

*Sec. 3116. Prohibition on availability of funds for programs in Russian Federation.*

*Sec. 3117. Prohibition on availability of funds for research and development of advanced naval nuclear fuel system based on low-enriched uranium.*

*Sec. 3118. Limitation on availability of funds relating to submission of annual reports on unfunded priorities.*

*Subtitle C—Reports*

*Sec. 3121. Notification regarding release of contamination at Hanford site.*

*Subtitle D—Other Matters*

*Sec. 3131. Inclusion of capital assets acquisition projects in activities by Director for Cost Estimating and Program Evaluation.*

*Sec. 3132. Whistleblower protections.*

*TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD*

*Sec. 3201. Authorization.*

*TITLE XXXIV—NAVAL PETROLEUM RESERVES*

*Sec. 3401. Authorization of appropriations.*

*TITLE XXXV—MARITIME MATTERS*

*Subtitle A—Maritime Administration*

*Sec. 3501. Authorization of the Maritime Administration.*

*Sec. 3502. Compliance by Ready Reserve Fleet vessels with SOLAS lifeboats and fire suppression requirements.*

- Sec. 3503. Maritime Administration National Security Multi-Mission Vessel Program.*
- Sec. 3504. Permanent authority of Secretary of Transportation to issue vessel war risk insurance.*
- Sec. 3505. Use of State maritime academy training vessels.*

*Subtitle B—Coast Guard*

- Sec. 3521. Alignment with Department of Defense and sea services authorities.*
- Sec. 3522. Preliminary development and demonstration.*
- Sec. 3523. Contract termination.*
- Sec. 3524. Reimbursement for travel expenses.*
- Sec. 3525. Capital investment plan.*
- Sec. 3526. Major acquisition program risk assessment.*
- Sec. 3527. Marine safety implementation status.*
- Sec. 3528. Retirement of Vice Commandant.*
- Sec. 3529. Large commercial yacht code.*

*Subtitle C—Coast Guard and Shipping Technical Corrections*

*CHAPTER 1—COAST GUARD*

- Sec. 3531. Commandant defined.*
- Sec. 3532. Training course on workings of Congress.*
- Sec. 3533. Miscellaneous.*
- Sec. 3534. Department of Defense consultation.*
- Sec. 3535. Repeal.*
- Sec. 3536. Mission need statement.*
- Sec. 3537. Continuation on active duty.*
- Sec. 3538. System acquisition authorization.*
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- Sec. 3541. Definitions.*
- Sec. 3542. Authority to exempt vessels.*
- Sec. 3543. Passenger vessels.*
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- Sec. 3545. Grounds for denial or revocation.*
- Sec. 3546. Miscellaneous corrections to title 46, U.S.C.*
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- Sec. 4001. Authorization of amounts in funding tables.*

*TITLE XLI—PROCUREMENT*

- Sec. 4101. Procurement.*
- Sec. 4102. Procurement for overseas contingency operations.*

*TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION*

- Sec. 4201. Research, development, test, and evaluation.*
- Sec. 4202. Research, development, test, and evaluation for overseas contingency operations.*

*TITLE XLIII—OPERATION AND MAINTENANCE**Sec. 4301. Operation and maintenance.**Sec. 4302. Operation and maintenance for overseas contingency operations.**TITLE XLIV—MILITARY PERSONNEL**Sec. 4401. Military personnel.**Sec. 4402. Military personnel for overseas contingency operations.**TITLE XLV—OTHER AUTHORIZATIONS**Sec. 4501. Other authorizations.**Sec. 4502. Other authorizations for overseas contingency operations.**TITLE XLVI—MILITARY CONSTRUCTION**Sec. 4601. Military construction.**Sec. 4602. Military construction for overseas contingency operations.**TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**Sec. 4701. Department of Energy national security programs.***1 SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.**

2       *In this Act, the term “congressional defense commit-*  
 3 *tees” has the meaning given that term in section 101(a)(16)*  
 4 *of title 10, United States Code.*

5       ***DIVISION A—DEPARTMENT OF***  
 6       ***DEFENSE AUTHORIZATIONS***  
 7       ***TITLE I—PROCUREMENT***  
 8       ***Subtitle A—Authorization Of***  
 9       ***Appropriations***

**10 SEC. 101. AUTHORIZATION OF APPROPRIATIONS.**

11       *Funds are hereby authorized to be appropriated for fis-*  
 12 *cal year 2019 for procurement for the Army, the Navy and*  
 13 *the Marine Corps, the Air Force, and Defense-wide activi-*  
 14 *ties, as specified in the funding table in section 4101.*



## **Subtitle B—Army Programs**

### **SEC. 111. NATIONAL GUARD AND RESERVE COMPONENT EQUIPMENT REPORT.**

(a) *IN GENERAL.*—Section 10541(b) of title 10, United States Code, is amended by adding at the end the following new paragraph:

“(10) A joint assessment by the Chief of Staff of the Army and the Chief of the National Guard Bureau on the efforts of the Army to achieve parity among the active component, the Army Reserve, and the Army National Guard with respect to equipment and capabilities. Each assessment shall include a comparison of the inventory of high priority items of equipment available to each component of the Army described in preceding sentence, including—

“(A) AH–64 Attack Helicopters;

“(B) UH–60 Black Hawk Utility Helicopters;

“(C) Abrams Main Battle Tanks;

“(D) Bradley Infantry Fighting Vehicles;

“(E) Stryker Combat Vehicles; and

“(F) any other items of equipment identified as high priority by the Chief of Staff of the Army or the Chief of the National Guard Bureau.”.

1           (b) *EFFECTIVE DATE.*—*The amendment made by sub-*  
2 *section (a) shall apply with respect to reports required to*  
3 *be submitted under section 10541 of title 10, United States*  
4 *Code, after the date of the enactment of this Act.*

5 **SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR M27**  
6 **INFANTRY AUTOMATIC RIFLE PROGRAM.**

7           (a) *LIMITATION.*—*Of the funds authorized to be appro-*  
8 *priated by this Act or otherwise made available for fiscal*  
9 *year 2019 for the M27 Infantry Automatic Rifle program*  
10 *of the Marine Corps, not more than 80 percent may be obli-*  
11 *gated or expended until the date on which the Commandant*  
12 *of the Marine Corps submits to the Committees on Armed*  
13 *Services of the Senate and the House of Representatives the*  
14 *assessment described in subsection (b).*

15           (b) *ASSESSMENT.*—*The assessment described in this*  
16 *subsection is a written summary of the views of the Marine*  
17 *Corps with respect to the Small Arms Ammunition Con-*  
18 *figuration Study of the Army, including—*

19                   (1) *an explanation of how the study informs the*  
20 *future small arms modernization requirements of the*  
21 *Marine Corps; and*

22                   (2) *near-term and long-term modernization*  
23 *strategies for the small arms weapon systems of the*  
24 *Marine Corps, including associated funding and*  
25 *schedule profiles.*

## **Subtitle C—Navy Programs**

### **SEC. 121. INCREASE IN NUMBER OF OPERATIONAL AIR- CRAFT CARRIERS OF THE NAVY.**

(a) *FINDINGS.*—Congress finds the following:

(1) *The aircraft carrier can fulfill the Navy’s core missions of forward presence, sea control, ensuring safe sea lanes, and power projection as well as providing flexibility and versatility to execute a wide range of additional missions.*

(2) *Forward airpower is integral to the security and joint forces operations of the United States. Carriers play a central role in delivering forward airpower from sovereign territory of the United States in both permissive and nonpermissive environments.*

(3) *Aircraft carriers provide our Nation the ability to rapidly and decisively respond to national threats, as well as conducting worldwide, on-station diplomacy and providing deterrence against threats to the United States allies, partners, and friends.*

(4) *Since the end of the cold war, aircraft carrier deployments have increased while the aircraft carrier force structure has declined.*

(5) *Considering the increased array of complex threats across the globe, the Navy aircraft carrier is operating at maximum capacity, increasing deploy-*

1 *ment lengths and decreasing maintenance periods in*  
2 *order to meet operational requirements.*

3 *(6) To meet global peacetime and wartime re-*  
4 *quirements, the Navy has indicated a requirement to*  
5 *maintain two aircraft carriers deployed overseas and*  
6 *have three additional aircraft carriers capable of de-*  
7 *ploying within 90 days. However, the Navy has indi-*  
8 *cated that the existing aircraft carrier force structure*  
9 *cannot support these military requirements.*

10 *(7) Despite the requirement to maintain an air-*  
11 *craft carrier strike group in both the United States*  
12 *Central Command and the United States Pacific*  
13 *Command, the Navy has been unable to generate suf-*  
14 *ficient capacity to support combatant commanders*  
15 *and has developed significant carrier gaps in these*  
16 *critical areas.*

17 *(8) Because of the continuing use of a dimin-*  
18 *ished aircraft carrier force structure, extensive main-*  
19 *tenance availabilities result which typically exceed*  
20 *program costs and increase time in shipyards. These*  
21 *expansive maintenance availabilities exacerbate exist-*  
22 *ing carrier gaps.*

23 *(9) Developing an alternative design to the Ford-*  
24 *class aircraft carrier is not cost beneficial. A smaller*  
25 *design is projected to incur significant design and en-*

1 *gineering cost while significantly reducing magazine*  
2 *size, carrier air wing size, sortie rate, and on-station*  
3 *effectiveness, among other vital factors, as compared*  
4 *to the Ford-class. Furthermore, a new design will*  
5 *delay the introduction of future aircraft carriers, ex-*  
6 *acerbating existing carrier gaps and threatening the*  
7 *national security of the United States.*

8 *(10) The 2016 Navy Force Structure Assessment*  
9 *states “A minimum of 12 aircraft carriers are re-*  
10 *quired to meet the increased warfighting response re-*  
11 *quirements of the Defense Planning Guidance Defeat/*  
12 *Deny force sizing direction.”.*

13 *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
14 *that—*

15 *(1) the United States should expedite delivery of*  
16 *12 aircraft carriers; and*

17 *(2) an aircraft carrier should be authorized every*  
18 *three years.*

19 *(c) INCREASE IN NUMBER OF OPERATIONAL AIRCRAFT*  
20 *CARRIERS OF THE NAVY.—*

21 *(1) INCREASE.—Section 5062(b) of title 10,*  
22 *United States Code, is amended by striking “11 oper-*  
23 *ational aircraft carriers” and inserting “12 oper-*  
24 *ational aircraft carriers”.*

1           (2) *EFFECTIVE DATE.*—*The amendment made by*  
2           *paragraph (1) shall take effect on September 30,*  
3           *2022.*

4 **SEC. 122. PROCUREMENT AUTHORITY FOR FORD CLASS AIR-**  
5           **CRAFT CARRIER PROGRAM.**

6           (a) *CONTRACT AUTHORITY.*—

7           (1) *PROCUREMENT AUTHORIZED.*—*The Sec-*  
8           *retary of the Navy may enter into one or more con-*  
9           *tracts, beginning with the fiscal year 2019 program*  
10           *year, for the procurement of one Ford class aircraft*  
11           *carrier to be designated CVN–81.*

12           (2) *PROCUREMENT IN CONJUNCTION WITH CVN–*  
13           *80.*—*The aircraft carrier authorized to be procured*  
14           *under subsection (a) may be procured as an addition*  
15           *to the contract covering the Ford class aircraft carrier*  
16           *designated CVN–80 that is authorized to be con-*  
17           *structed under section 121 of the John Warner Na-*  
18           *tional Defense Authorization Act for Fiscal Year 2007*  
19           *(Public Law 109–364; 120 Stat. 2104).*

20           (b) *USE OF INCREMENTAL FUNDING.*—*With respect to*  
21           *a contract entered into under subsection (a), the Secretary*  
22           *of the Navy may use incremental funding to make pay-*  
23           *ments under the contract.*

24           (c) *LIABILITY.*—*A contract entered into under sub-*  
25           *section (a) shall provide that the total liability to the Gov-*

1 ernment for termination of the contract entered into shall  
2 be limited to the total amount of funding obligated at the  
3 time of termination.

4 (d) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
5 *MENTS.*—A contract entered into under subsection (a) shall  
6 provide that any obligation of the United States to make  
7 a payment under the contract for a fiscal year is subject  
8 to the availability of appropriations for that purpose for  
9 such fiscal year.

10 **SEC. 123. FULL SHIP SHOCK TRIAL FOR FORD CLASS AIR-**  
11 **CRAFT CARRIER.**

12 *The Secretary of the Navy shall ensure that full ship*  
13 *shock trials results are incorporated into the construction*  
14 *of the Ford class aircraft carrier designated CVN–81.*

15 **SEC. 124. MULTIYEAR PROCUREMENT AUTHORITY FOR AM-**  
16 **PHIBIOUS VESSELS.**

17 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
18 *Subject to section 2306b of title 10, United States Code, the*  
19 *Secretary of the Navy may enter into one or more multiyear*  
20 *contracts for the procurement of not more than five amphib-*  
21 *ious vessels.*

22 (b) *LIMITATION.*—*The Secretary of the Navy may not*  
23 *modify a contract entered into under subsection (a) if the*  
24 *modification would increase the target price of an amphib-*  
25 *ious vessel by more than 10 percent above the target price*

1 *specified in the original contract awarded for the amphib-*  
2 *ious vessel under subsection (a).*

3 *(c) AUTHORITY FOR ADVANCE PROCUREMENT.—The*  
4 *Secretary of the Navy may enter into one or more contracts*  
5 *for advance procurement associated with the amphibious*  
6 *vessels for which authorization to enter into a multiyear*  
7 *procurement contract is provided under subsection (a) and*  
8 *for equipment or subsystems associated with the amphibious*  
9 *vessels, including procurement of—*

10 *(1) long lead time material; or*

11 *(2) material or equipment in economic order*  
12 *quantities when cost savings are achievable.*

13 *(d) CONDITION FOR OUT-YEAR CONTRACT PAY-*  
14 *MENTS.—A contract entered into under subsection (a) shall*  
15 *provide that any obligation of the United States to make*  
16 *a payment under the contract for a fiscal year after fiscal*  
17 *year 2019 is subject to the availability of appropriations*  
18 *or funds for that purpose for such later fiscal year.*

19 *(e) LIMITATION ON TERMINATION LIABILITY.—A con-*  
20 *tract for the construction of amphibious vessels entered into*  
21 *under subsection (a) shall include a clause that limits the*  
22 *liability of the United States to the contractor for any ter-*  
23 *mination of the contract. The maximum liability of the*  
24 *United States under the clause shall be the amount appro-*



1 *priated for the amphibious vessels covered by the contract*  
2 *regardless of the amount obligated under the contract.*

3 (f) *AMPHIBIOUS VESSEL DEFINED.*—*The term “am-*  
4 *phibious vessel” means a San Antonio class amphibious*  
5 *transport dock ship with a Flight II configuration.*

6 **SEC. 125. MULTIYEAR PROCUREMENT AUTHORITY FOR**  
7 **STANDARD MISSILE-6.**

8 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
9 *Subject to section 2306b of title 10, United States Code, the*  
10 *Secretary of the Navy may enter into one or more multiyear*  
11 *contracts, beginning with the fiscal year 2019 program*  
12 *year, for the procurement of up to 625 standard missile-*  
13 *6 missiles at a rate of not more than 125 missiles per year*  
14 *during the covered period.*

15 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
16 *MENTS.*—*A contract entered into under subsection (a) shall*  
17 *provide that any obligation of the United States to make*  
18 *a payment under the contract for a fiscal year after fiscal*  
19 *year 2019 is subject to the availability of appropriations*  
20 *or funds for that purpose for such later fiscal year.*

21 (c) *COVERED PERIOD DEFINED.*—*In this section, the*  
22 *term “covered period” means the 5-year period beginning*  
23 *with the fiscal year 2019 program year and ending with*  
24 *the fiscal year 2023 program year.*

1 **SEC. 126. MULTIYEAR PROCUREMENT AUTHORITY FOR E-2D**  
2 **AIRCRAFT.**

3 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
4 *Subject to section 2306b of title 10, United States Code, the*  
5 *Secretary of the Navy may enter into one or more multiyear*  
6 *contracts, beginning with the fiscal year 2019 program*  
7 *year, for the procurement of up to 24 E-2D aircraft.*

8 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
9 *MENTS.*—*A contract entered into under subsection (a) shall*  
10 *provide that any obligation of the United States to make*  
11 *a payment under the contract for a fiscal year after fiscal*  
12 *year 2019 is subject to the availability of appropriations*  
13 *for that purpose for such later fiscal year.*

14 **SEC. 127. MULTIYEAR PROCUREMENT AUTHORITY FOR F/A-**  
15 **18E/F AIRCRAFT AND EA-18G AIRCRAFT.**

16 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
17 *Subject to section 2306b of title 10, United States Code, the*  
18 *Secretary of the Navy may enter into one or more multiyear*  
19 *contracts, beginning with the fiscal year 2019 program*  
20 *year, for the procurement of the following:*

21 (1) *F/A-18E/F aircraft.*

22 (2) *EA-18G aircraft.*

23 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
24 *MENTS.*—*A contract entered into under subsection (a) shall*  
25 *provide that any obligation of the United States to make*  
26 *a payment under the contract for a fiscal year after fiscal*

1 *year 2019 is subject to the availability of appropriations*  
2 *or funds for that purpose for such later fiscal year.*

3       (c) *AUTHORITY FOR ADVANCE PROCUREMENT AND*  
4 *ECONOMIC ORDER QUANTITY.—The Secretary of the Navy*  
5 *may enter into one or more contracts, beginning in fiscal*  
6 *year 2019, for advance procurement associated with the air-*  
7 *craft for which authorization to enter into a multiyear pro-*  
8 *curement contract is provided under subsection (a), which*  
9 *may include one or more contracts for the procurement of*  
10 *economic order quantities of material and equipment for*  
11 *such aircraft.*

12 **SEC. 128. MODIFICATIONS TO F/A-18 AIRCRAFT TO MITI-**  
13 **GATE PHYSIOLOGICAL EPISODES.**

14       (a) *MODIFICATIONS REQUIRED.—The Secretary of the*  
15 *Navy shall modify the F/A-18 aircraft to reduce the occur-*  
16 *rence of, and mitigate the risk posed by, physiological epi-*  
17 *sodes affecting crewmembers of the aircraft. The modifica-*  
18 *tions shall include, at minimum—*

19               (1) *replacement of the F/A-18 cockpit altimeter;*

20               (2) *upgrade of the F/A-18 onboard oxygen gen-*  
21 *eration system;*

22               (3) *redesign of the F/A-18 aircraft life support*  
23 *systems required to meet onboard oxygen generation*  
24 *system input specifications;*

1           (4) *installation of equipment associated with im-*  
2           *proved F/A–18 physiological monitoring and alert*  
3           *systems; and*

4           (5) *installation of an automatic ground collision*  
5           *avoidance system.*

6           (b) *REPORT REQUIRED.*—*Not later than February 1,*  
7           *2019, and annually thereafter through February 1, 2021,*  
8           *the Secretary of the Navy shall submit to the congressional*  
9           *defense committees a written update on the status of all*  
10           *modifications to the F/A–18 aircraft carried out by the Sec-*  
11           *retary pursuant to subsection (a).*

12           (c) *WAIVER.*—*The Secretary of the Navy may waive*  
13           *the requirement to make a modification under subsection*  
14           *(a) if the Secretary certifies to the congressional defense*  
15           *committees that the specific modification is inadvisable and*  
16           *provides a detailed justification for excluding the modifica-*  
17           *tion from the Navy’s planned upgrades for the F/A–18 air-*  
18           *craft.*

19           **SEC. 129. FRIGATE CLASS SHIP PROGRAM.**

20           (a) *TECHNICAL DATA.*—

21           (1) *REQUIREMENT.*—*As part of the solicitation*  
22           *for proposals for the procurement of any frigate class*  
23           *ship, the Secretary of the Navy shall require that an*  
24           *offeror submit a proposal that provides for conveying*  
25           *technical data as part of the proposal for the frigate.*

1           (2) *RIGHTS OF THE UNITED STATES.*—*The Sec-*  
2           *retary of the Navy shall ensure that the Government’s*  
3           *rights in technical data for any frigate class ship are*  
4           *sufficient to allow the Government to—*

5                     *(A) by not later than the date on which*  
6                     *funds are obligated for the last covered frigate,*  
7                     *use the technical data to conduct a full and open*  
8                     *competition (pursuant to section 2304 of title 10,*  
9                     *United States Code) for any subsequent procure-*  
10                    *ment of a frigate class ship; and*

11                    *(B) transition the frigate class ship combat*  
12                    *systems to Government-furnished equipment to*  
13                    *achieve open architecture and foster competition*  
14                    *to modernize future systems.*

15           (b) *DEFINITIONS.*—*In this section:*

16                    (1) *The term “covered frigate” means each of the*  
17                    *first 10 frigate class ships procured after January 1,*  
18                    *2020.*

19                    (2) *The term “technical data” means a compila-*  
20                    *tion of detailed engineering plans and specifications*  
21                    *for the construction of a frigate class ship.*

1 **SEC. 130. LIMITATION ON PROCUREMENT OF ECONOMIC**  
2 **ORDER QUANTITIES FOR VIRGINIA CLASS**  
3 **SUBMARINE PROGRAM.**

4 *Section 124 of the National Defense Authorization Act*  
5 *for Fiscal Year 2018 (Public Law 115–91) is amended—*

6 *(1) in subsection (c)(2), by striking “material”*  
7 *and inserting “subject to subsection (d), material”;*

8 *(2) by redesignating subsection (d) through (f) as*  
9 *subsections (e) through (g), respectively; and*

10 *(3) by inserting after subsection (c), the fol-*  
11 *lowing:*

12 *“(d) LIMITATION ON PROCUREMENT OF ECONOMIC*  
13 *ORDER QUANTITIES.—The Secretary of the Navy may not*  
14 *enter into contracts for economic order quantities under*  
15 *subsection (c)(2) until the date on which the Secretary cer-*  
16 *tifies to the congressional defense committees that any funds*  
17 *made available for such contracts will be used to procure*  
18 *economic order quantities of material and equipment for*  
19 *not fewer than 12 Virginia class submarines.”.*

20 **SEC. 131. LIMITATION ON USE OF FUNDS FOR DDG–51 DE-**  
21 **STROYERS.**

22 *None of the funds authorized to be appropriated or oth-*  
23 *erwise made available by this Act for fiscal year 2019 for*  
24 *Shipbuilding and Conversion, Navy, for DDG–51 class de-*  
25 *stroyers may be obligated or expended until the Secretary*

1 *of the Navy submits to the congressional defense committees*  
 2 *a report that includes—*

3           (1) *a detailed description of the current*  
 4 *degaussing standards;*

5           (2) *a plan for incorporating such standards into*  
 6 *the destroyer construction program; and*

7           (3) *an assessment of the requirement to backfit*  
 8 *such standards in service destroyers.*

9           ***Subtitle D—Air Force Programs***

10 ***SEC. 141. INVENTORY REQUIREMENT FOR AIR REFUELING***

11                           ***TANKER AIRCRAFT; LIMITATION ON RETIRE-***

12                           ***MENT OF KC-10A AIRCRAFT.***

13           (a) *INVENTORY REQUIREMENT.*—*Section 8062 of title*  
 14 *10, United States Code, is amended by adding at the end*  
 15 *the following new subsection:*

16           “(j)(1) *Except as provided in paragraph (2), effective*  
 17 *October 1, 2019, the Secretary of the Air Force shall main-*  
 18 *tain a total primary assigned aircraft inventory of air re-*  
 19 *fueling tanker aircraft of not less than 479 aircraft.*

20           “(2) *The Secretary of the Air Force may reduce the*  
 21 *number of air refueling tanker aircraft in the primary as-*  
 22 *signed aircraft inventory of the Air Force below 479 only*  
 23 *if—*

24                           “(A) *the Secretary certifies to the congressional*  
 25 *defense committees that such reduction is justified by*

1 *the results of the mobility capability and require-*  
2 *ments study conducted under section 144(b) of the*  
3 *National Defense Authorization Act for Fiscal Year*  
4 *2018 (Public Law 115–91); and*

5 *“(B) a period of 30 days has elapsed following*  
6 *the date on which the certification is made to the con-*  
7 *gressional defense committees under subparagraph*  
8 *(A).*

9 *“(3) In this subsection:*

10 *“(A) The term ‘air refueling tanker aircraft’*  
11 *means an aircraft that has as its primary mission*  
12 *the refueling of other aircraft.*

13 *“(B) The term ‘primary assigned aircraft inven-*  
14 *tory’ means aircraft authorized to a flying unit for*  
15 *operations or training.”.*

16 *(b) LIMITATION ON RETIREMENT OF KC–10A.—*

17 *(1) IN GENERAL.—None of the funds authorized*  
18 *to be appropriated by this Act or otherwise made*  
19 *available for any fiscal year for the Air Force may*  
20 *be obligated or expended to retire, or to prepare to re-*  
21 *tire, any KC–10A aircraft until the date that is 30*  
22 *days after the date on which the Secretary of the Air*  
23 *Force certifies to the congressional defense committees*  
24 *that Secretary has met the minimum inventory re-*



1        *quirement under section 8062(j) of title 10, United*  
2        *States Code, as added by subsection (a) of this section.*

3            (2) *EXCEPTION FOR CERTAIN AIRCRAFT.—The*  
4        *requirement of paragraph (1) does not apply to indi-*  
5        *vidual KC-10A aircraft that the Secretary of the Air*  
6        *Force determines, on a case-by-case basis, to be non-*  
7        *operational because of mishaps, other damage, or*  
8        *being uneconomical to repair.*

9        **SEC. 142. LIMITATION ON USE OF FUNDS FOR KC-46A AIR-**  
10            **CRAFT PENDING SUBMITTAL OF CERTIFI-**  
11            **CATION.**

12            (a) *CERTIFICATION REQUIRED.—The Secretary of the*  
13        *Air Force shall submit to the congressional defense commit-*  
14        *tees certification that, as of the date of the certification—*

15            (1) *the supplemental type certification and the*  
16        *military type certification for the KC-46A aircraft*  
17        *have been approved; and*

18            (2) *the Air Force has accepted the delivery of the*  
19        *first KC-46A aircraft.*

20            (b) *LIMITATION ON USE OF FUNDS.—None of the funds*  
21        *authorized to be appropriated or otherwise made available*  
22        *by this Act for fiscal year 2019 for Aircraft Procurement,*  
23        *Air Force, may be obligated or expended for three KC-46A*  
24        *aircraft until the Secretary of the Air Force submits the*  
25        *certification required under subsection (a).*

1 **SEC. 143. RETIREMENT DATE FOR VC-25A AIRCRAFT.**

2       (a) *IN GENERAL.*—*For purposes of the application of*  
3 *section 2244a of title 10, United States Code, the retirement*  
4 *date of the covered aircraft is deemed to be not later than*  
5 *December 31, 2025.*

6       (b) *COVERED AIRCRAFT DEFINED.*—*In this section,*  
7 *the term “covered aircraft” means the two VC-25A aircraft*  
8 *of the Air Force that are in service as of the date of the*  
9 *enactment of this Act.*

10 **SEC. 144. CONTRACT FOR LOGISTICS SUPPORT FOR VC-25B**  
11 **AIRCRAFT.**

12       *The Secretary of the Air Force shall—*

13               (1) *ensure that the total period of any contract*  
14 *awarded for logistics support for the VC-25B aircraft*  
15 *does not exceed five years, as required under part*  
16 *17.204(e) of the Federal Acquisition Regulation, un-*  
17 *less otherwise approved in accordance with established*  
18 *procedures; and*

19               (2) *comply with section 2304 of title 10, United*  
20 *States Code, regarding full and open competition*  
21 *through the use of competitive procedures for the*  
22 *award of any logistics support contract following the*  
23 *initial five-year contract period.*

1 **SEC. 145. MULTIYEAR PROCUREMENT AUTHORITY FOR C-**  
2 **130J AIRCRAFT.**

3 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
4 *Subject to section 2306b of title 10, United States Code, the*  
5 *Secretary of the Air Force may enter into one or more*  
6 *multiyear contracts, beginning with the fiscal year 2019*  
7 *program year, for the procurement of up to 52 C-130J air-*  
8 *craft.*

9 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
10 *MENTS.*—*A contract entered into under subsection (a) shall*  
11 *provide that any obligation of the United States to make*  
12 *a payment under the contract for a fiscal year after fiscal*  
13 *year 2019 is subject to the availability of appropriations*  
14 *for that purpose for such later fiscal year.*

15 **SEC. 146. REMOVAL OF WAITING PERIOD FOR LIMITATION**  
16 **ON AVAILABILITY OF FUNDS FOR EC-130H**  
17 **COMPASS CALL RECAPITALIZATION PRO-**  
18 **GRAM.**

19 *Section 135(a) of the National Defense Authorization*  
20 *Act for Fiscal Year 2018 (Public Law 115-91) is amended*  
21 *by striking “a period of 30 days has elapsed following”.*

22 **SEC. 147. FINDINGS AND SENSE OF CONGRESS REGARDING**  
23 **KC-46 AERIAL REFUELING TANKERS.**

24 (a) *FINDINGS.*—*Congress makes the following findings:*  
25 (1) *Aerial refueling tankers provide an essential*  
26 *foundation for our nation’s ability to project power*

1        *and deter adversaries, enabling the global reach of our*  
2        *joint force.*

3            (2) *87 percent of the legacy aerial refueling fleet*  
4        *is comprised of KC-135 aircraft with an average age*  
5        *of 56 years.*

6            (3) *The Commander of United States Transpor-*  
7        *tation Command has identified the aerial refueling*  
8        *fleet as the “most stressed of our air mobility forces”*  
9        *and stated that “delaying KC-46 production puts the*  
10       *Joint Force’s ability to effectively execute war plans*  
11       *at risk”.*

12           (4) *As directed by the National Defense Author-*  
13       *ization Act for Fiscal Year 2018 (Public Law 115-*  
14       *91), the Air Force is undertaking an updated mobil-*  
15       *ity capability and requirements study that will reflect*  
16       *guidance articulated in the 2018 National Defense*  
17       *Strategy and reassess the current tanker requirement*  
18       *of 479 aircraft.*

19           (5) *The fixed-price contract for KC-46A calls for*  
20       *179 aircraft to be delivered by 2028.*

21           (6) *The KC-46 is a multirole platform that will*  
22       *bring enhanced capabilities to both the aerial refuel-*  
23       *ing and strategic airlift missions. The aircraft pro-*  
24       *vides the ability to refuel joint and coalition aircraft*  
25       *by both boom and drogue systems in the same sortie;*

1 *improved cargo, passenger and aeromedical evacu-*  
2 *ation capabilities; and enhanced survivability with*  
3 *multiple layers of protection enabling it to operate*  
4 *safely in a broader range of threat environments than*  
5 *legacy tankers.*

6 (7) *The Government Accountability Office has*  
7 *stated: “The KC-46 program’s total acquisition cost*  
8 *estimate remained stable over the past year at*  
9 *\$44,400,000,000, which is about \$7,300,000,000 less*  
10 *than the original estimate.”*

11 (8) *The Commander of Air Mobility Command*  
12 *has stated that the KC-46 “will bring tremendous ca-*  
13 *pability to our joint warfighter”.*

14 (9) *The Assistant Secretary of the Air Force for*  
15 *Acquisition has stated: “Stability of requirements and*  
16 *funding are the keys to KC-46 program success and*  
17 *will enable the Air Force to deliver this new tanker*  
18 *ready for employment on day one.”*

19 (10) *The Military Deputy to the Assistant Sec-*  
20 *retary of the Air Force for Acquisition has identified*  
21 *the KC-46 as the Air Force’s second highest combat*  
22 *aviation acquisition priority “for the role that it*  
23 *plays in being able to power project”.*

24 (11) *With the support of Congress, the Air Force*  
25 *has executed three low rate initial production con-*

1        *tracts for a total of 34 aircraft. In fiscal year 2018,*  
2        *Congress provided funding for a fourth production lot*  
3        *totaling 18 aircraft.*

4            *(12) A steady production rate of 1.3 aircraft per*  
5        *month has been maintained through independent in-*  
6        *vestment by industry in order to expedite deliveries to*  
7        *the Air Force upon completion of developmental test-*  
8        *ing and certification.*

9        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
10       *that—*

11            *(1) the Air Force and industry should dedicate*  
12        *the resources and manpower necessary to ensure the*  
13        *first KC-46 is delivered in fiscal year 2018;*

14            *(2) the Air Force should maximize efficiency in*  
15        *the test and certification process to ensure that—*

16                    *(A) test points are not redundant;*

17                    *(B) test plans are approved expeditiously;*

18                    *(C) receiver aircraft are available to sup-*  
19        *port test flights; and*

20                    *(D) Air Force inputs necessary for Federal*  
21        *Aviation Administration and military air-*  
22        *worthiness certifications are expedited; and*

23            *(3) the Assistant Secretary of the Air Force for*  
24        *Acquisition and the Director of the Defense Contract*  
25        *Management Agency should develop and implement a*



1           (b) *WAIVER.*—*The Secretary concerned may waive the*  
2 *requirement of subsection (a) if the Secretary—*

3                 (1) *determines the waiver is required in the in-*  
4 *terest of national security; and*

5                 (2) *not later than 15 days before entering into*  
6 *a contract for the procurement of a covered aircraft,*  
7 *notifies the congressional defense committees of the ra-*  
8 *tionale for the waiver.*

9           (c) *TERMINATION.*—*The requirement to submit a cer-*  
10 *tification under subsection (a) shall terminate on Sep-*  
11 *tember 30, 2021.*

12           (d) *DEFINITIONS.*—*In this section:*

13                 (1) *The term “covered aircraft” means a fighter*  
14 *aircraft, an attack aircraft, or a fixed wing trainer*  
15 *aircraft.*

16                 (2) *The term “Secretary concerned” means—*

17                         (A) *the Secretary of the Navy, with respect*  
18 *to covered aircraft of Navy; and*

19                         (B) *the Secretary of the Air Force, with re-*  
20 *spect to covered aircraft of the Air Force.*



1 **TITLE II—RESEARCH, DEVELOP-**  
2 **MENT, TEST, AND EVALUA-**  
3 **TION**

4 **Subtitle A—Authorization Of**  
5 **Appropriations**

6 **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

7 *Funds are hereby authorized to be appropriated for fis-*  
8 *cal year 2019 for the use of the Department of Defense for*  
9 *research, development, test, and evaluation, as specified in*  
10 *the funding table in section 4201.*

11 **Subtitle B—Program Requirements,**  
12 **Restrictions, and Limitations**

13 **SEC. 211. MODIFICATION OF AUTHORITY TO CARRY OUT**  
14 **CERTAIN PROTOTYPE PROJECTS.**

15 *Section 2371b(f) of title 10, United States Code, is*  
16 *amended by adding at the end the following new para-*  
17 *graphs:*

18 *“(4) Contracts or transactions entered into pursuant*  
19 *to this subsection that are expected to cost the Department*  
20 *of Defense in excess of \$100,000,000 but not in excess of*  
21 *\$500,000,000 (including all options) may be awarded only*  
22 *upon written determination by the senior procurement exec-*  
23 *utive for the agency as designated for the purpose of section*  
24 *1702(c) of title 41, or, by the senior procurement executive*  
25 *for the Defense Advanced Research Projects Agency that*

1 *award of the contract or transaction is essential to meet*  
2 *critical national security interests.*

3 “(5) *Contracts and transactions entered into pursuant*  
4 *to this subsection that are expected to cost the Department*  
5 *of Defense in excess of \$500,000,000 (including all options)*  
6 *may be awarded only if—*

7 “(A) *the Under Secretary of Defense for Acquisi-*  
8 *tion and Sustainment determines in writing that*  
9 *award of the contract or transaction is essential to*  
10 *meet critical national security objectives; and*

11 “(B) *the congressional defense committees are no-*  
12 *tified in writing not later than 30 days before award*  
13 *of the contract or transaction.”.*

14 **SEC. 212. EXTENSION OF DIRECTED ENERGY PROTOTYPE**  
15 **AUTHORITY.**

16 *Section 219(c)(4) of the National Defense Authoriza-*  
17 *tion Act for Fiscal Year 2017 (Public Law 114–328; 10*  
18 *U.S.C. 2431 note) is amended—*

19 (1) *in subparagraph (A), by striking “Except as*  
20 *provided in subparagraph (B)” and inserting “Ex-*  
21 *cept as provided in subparagraph (C)”;*

22 (2) *by redesignating subparagraph (B) as sub-*  
23 *paragraph (C);*

24 (3) *by inserting after subparagraph (A) the fol-*  
25 *lowing:*

1           “(B) *Except as provided in subparagraph (C)*  
2           *and subject to the availability of appropriations for*  
3           *such purpose, of the funds authorized to be appro-*  
4           *priated by the National Defense Authorization Act for*  
5           *Fiscal Year 2019 or otherwise made available for fis-*  
6           *cal year 2019 for research, development, test, and*  
7           *evaluation, defense-wide, up to \$100,000,000 may be*  
8           *available to the Under Secretary to allocate to the*  
9           *military departments, the defense agencies, and the*  
10           *combatant commands to carry out the program estab-*  
11           *lished under paragraph (1).”;* and

12           (4) *in subparagraph (C), as so redesignated, by*  
13           *striking “made available under subparagraph (A)”*  
14           *and inserting “made available under subparagraph*  
15           *(A) or subparagraph (B)”.*

16 **SEC. 213. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
17                           **THE WEATHER COMMON COMPONENT PRO-**  
18                           **GRAM.**

19           (a) *PROHIBITION.—None of the funds authorized to be*  
20           *appropriated by this Act or otherwise made available for*  
21           *fiscal year 2019 for research, development, test, and evalua-*  
22           *tion, Air Force, for weather service (PE 0305111F, Project*  
23           *672738) for product development, test and evaluation, and*  
24           *management services associated with the Weather Common*  
25           *Component program may be obligated or expended.*

1       **(b) REPORT REQUIRED.**—

2               **(1) IN GENERAL.**—*The Secretary of the Air force*  
3       *shall submit to the congressional defense committees a*  
4       *report on technologies and capabilities that—*

5               **(A)** *provide real-time or near real-time me-*  
6       *teorological situational awareness data through*  
7       *the use of sensors installed on manned and un-*  
8       *manned aircraft; and*

9               **(B)** *were developed primarily using funds of*  
10       *the Department of Defense.*

11              **(2) ELEMENTS.**—*The report under paragraph*  
12       **(1) shall include—**

13              **(A)** *a description of all technologies and ca-*  
14       *pabilities described in paragraph (1) that exist*  
15       *as of the date on which the report is submitted;*

16              **(B)** *a description of any testing activities*  
17       *that have been completed for such technologies*  
18       *and capabilities, and the results of those testing*  
19       *activities;*

20              **(C)** *the total amount of funds used by the*  
21       *Department of Defense for the development of*  
22       *such technologies and capabilities;*

23              **(D)** *a list of capability gaps or shortfalls in*  
24       *any major commands of the Air Force relating*  
25       *to the gathering, processing, exploitation, and*

1           *dissemination of real-time or near real-time me-*  
2           *teorological situational awareness data for un-*  
3           *manned systems;*

4                   *(E) an explanation of how such gaps or*  
5           *shortfalls may be remedied to supplement the*  
6           *weather forecasting capabilities of the Air Force*  
7           *and to enhance the efficiency or effectiveness of*  
8           *combat air power; and*

9                   *(F) a plan for fielding existing technologies*  
10          *and capabilities to mitigate such gaps or short-*  
11          *falls.*

12 **SEC. 214. LIMITATION PENDING CERTIFICATION ON THE**  
13                   **JOINT SURVEILLANCE TARGET ATTACK**  
14                   **RADAR SYSTEM RECAPITALIZATION PRO-**  
15                   **GRAM.**

16          *(a) LIMITATION.—Until a period of 15 days has*  
17          *elapsed following the date on which the Secretary of the Air*  
18          *Force submits to the congressional defense committees the*  
19          *certification described in subsection (b)—*

20                   *(1) of the total amount of funds authorized to be*  
21          *appropriated by this Act or otherwise made available*  
22          *for the Air Force for fiscal year 2019 for the covered*  
23          *programs not more than 50 percent may be obligated*  
24          *or expended for the programs; and*

1           (2) *the Secretary of the Air Force may not divest*  
2           *more than one legacy E–8 Joint Surveillance Target*  
3           *Attack Radar System aircraft.*

4           (b) *CERTIFICATION.—The certification described in*  
5           *this subsection is a written statement of the Secretary of*  
6           *the Air Force certifying that—*

7           (1) *the Secretary has awarded one or more con-*  
8           *tracts under the Joint Surveillance Target Attack*  
9           *Radar System recapitalization program for—*

10           (A) *engineering, manufacturing, and devel-*  
11           *opment*

12           (B) *low-rate initial production;*

13           (C) *production; and*

14           (D) *initial contractor support; and*

15           (2) *the program is proceeding in accordance*  
16           *with the plans for the program set forth in the budget*  
17           *request of the President submitted to Congress under*  
18           *section 1105 of title 31, United States Code, for fiscal*  
19           *year 2018.*

20           (c) *GAO REPORT AND BRIEFING.—*

21           (1) *REPORT REQUIRED.—Not later than March*  
22           *1, 2020, the Comptroller General of the United States*  
23           *shall submit to the congressional defense committees a*  
24           *report on Increment 1, Increment 2, and Increment*  
25           *3 of the 21st Century Advanced Battle-Management*

1        *System of Systems capability of the Air Force. The*  
2        *report shall include a review of—*

3                *(A) the technologies that compose the capa-*  
4                *bility and the level of maturation of such tech-*  
5                *nologies;*

6                *(B) the resources budgeted for the capa-*  
7                *bility;*

8                *(C) the fielding plan for the capability;*

9                *(D) any risk assessments associated with the*  
10               *capability; and*

11               *(E) the overall acquisition strategy for the*  
12               *capability.*

13               *(2) INTERIM BRIEFING.—Not later than March*  
14               *1, 2019, the Comptroller General of the United States*  
15               *shall provide to the Committee on Armed Services of*  
16               *the House of Representatives a briefing on the topics*  
17               *to be covered by the report under paragraph (1), in-*  
18               *cluding any preliminary data and any issues or con-*  
19               *cerns of the Comptroller General relating to the re-*  
20               *port.*

21               *(d) AIR FORCE REPORT.—Not later than February 5,*  
22               *2019, the Secretary of the Air Force shall submit to the con-*  
23               *gressional defense committees a report on the legacy fleet*  
24               *of E–8C Joint Surveillance Target Attack Radar System*  
25               *aircraft that includes—*

1           (1) *the modernization and sustainment strategy,*  
2           *and associated costs, for the airframe and mission*  
3           *systems that will be used to maintain the legacy fleet*  
4           *of such aircraft until the Joint Surveillance Target*  
5           *Attack Radar System recapitalization program*  
6           *achieves initial operational capability; and*

7           (2) *a plan that describes how the Secretary*  
8           *will—*

9                   (A) *continue to provide combatant com-*  
10                  *manders with the current level of E-8C force*  
11                  *support;*

12                  (B) *accelerate the Joint Surveillance Target*  
13                  *Attack Radar System recapitalization program*  
14                  *to significantly decrease the time needed to*  
15                  *achieve initial operational capability without*  
16                  *adversely affecting currently programmed E-8C*  
17                  *manpower levels; and*

18                  (C) *maintain acceptable levels of risk while*  
19                  *carrying out the activities described in subpara-*  
20                  *graphs (A) and (B).*

21           (e) *PROGRAM OFFICE PERSONNEL.—Using funds au-*  
22           *thorized to be appropriated by this Act or otherwise made*  
23           *available for the Air Force for fiscal year 2019 for the Joint*  
24           *Surveillance Target Attack Radar System recapitalization*  
25           *program, the Secretary of the Air Force may obligate and*



1 *expend funds necessary for civilian pay expenses required*  
2 *to manage, execute, and deliver the Joint Surveillance Tar-*  
3 *get Attack Radar System recapitalization weapon system*  
4 *capability.*

5 (f) *COVERED PROGRAM DEFINED.*—*In this section, the*  
6 *term “covered program” means any program comprising*  
7 *Increment 1, Increment 2, or Increment 3, of the 21st Cen-*  
8 *tury Advanced Battle-Management System of Systems ca-*  
9 *pability of the Air Force, except the term does not include*  
10 *any activities under the legacy E–8C program or the Joint*  
11 *Surveillance Target Attack Radar System recapitalization*  
12 *program of the Air Force.*

13 **SEC. 215. LIMITATION ON AVAILABILITY OF FUNDS FOR F–**  
14 **35 CONTINUOUS CAPABILITY DEVELOPMENT**  
15 **AND DELIVERY.**

16 (a) *LIMITATION.*—*Except as provided in subsection*  
17 *(b), of the funds authorized to be appropriated by this Act*  
18 *or otherwise made available for fiscal year 2019 for the F–*  
19 *35 continuous capability development and delivery pro-*  
20 *gram, not more than 75 percent may be obligated or ex-*  
21 *pendent until a period of 15 days has elapsed following the*  
22 *date on which the Secretary of Defense submits to the con-*  
23 *gressional defense committees a detailed cost estimate and*  
24 *baseline schedule for the program, which shall include any*

1 *information required for a major defense acquisition pro-*  
2 *gram under section 2435 of title 10, United States Code.*

3 (b) *EXCEPTION.—The limitation in subsection (a) does*  
4 *not apply to any funds authorized to be appropriated or*  
5 *otherwise made available for the development of the F-35*  
6 *dual capable aircraft capability.*

7 **SEC. 216. LIMITATION ON AVAILABILITY OF FUNDS PEND-**  
8 **ING REPORT ON AGILE SOFTWARE DEVELOP-**  
9 **MENT AND SOFTWARE OPERATIONS.**

10 (a) *LIMITATION.—Of the of funds described in sub-*  
11 *section (d), not more than 75 percent may be obligated or*  
12 *expended until a period of 30 days has elapsed following*  
13 *the date on which the Secretary of the Air Force submits*  
14 *the report required under subsection (b).*

15 (b) *REPORT.—Subject to subsection (c), the Secretary*  
16 *of the Air Force shall submit to the congressional defense*  
17 *committees a report that includes a description of each of*  
18 *the following:*

19 (1) *The specific cost-estimating tools and meth-*  
20 *odologies used to formulate Air Force budgets for soft-*  
21 *ware application development using Agile Software*  
22 *Development and Software Operations (referred to in*  
23 *this section as “Agile DevOps”) in support of mod-*  
24 *ernization and upgrade activities for Air Operations*  
25 *Centers.*

1           (2) *The types of contracts used to execute Agile*  
2 *DevOps activities and the rationale for using each*  
3 *type of contract.*

4           (3) *How intellectual property ownership issues*  
5 *associated with software applications developed with*  
6 *Agile DevOps processes will be addressed to ensure fu-*  
7 *ture sustainment, maintenance, and upgrades to soft-*  
8 *ware applications after the applications are fielded.*

9           (4) *The Secretary’s strategy for ensuring that*  
10 *software applications developed for Air Operations*  
11 *Centers are transportable and translatable among all*  
12 *the Centers to avoid any duplication of efforts.*

13           (5) *Any tools and software applications that*  
14 *have been developed for the Air Operations Centers*  
15 *and the costs and cost categories associated with de-*  
16 *veloping each such tool and software application.*

17           (c) *REVIEW.*—*Before submitting the report under sub-*  
18 *section (b), the Secretary of the Air Force shall ensure that*  
19 *the report is reviewed and approved by the Director of De-*  
20 *fense Pricing and the Defense Procurement and Acquisition*  
21 *Policy.*

22           (d) *FUNDS DESCRIBED.*—*The funds described in this*  
23 *subsection are the following:*

24           (1) *Funds authorized to be appropriated by this*  
25 *Act or otherwise made available for fiscal year 2019*

1       *for research, development, test, and evaluation, Air*  
2       *Force, for Air and Space Operations Centers (PE*  
3       *0207410F, Project 674596).*

4               *(2) Funds authorized to be appropriated by this*  
5       *Act or otherwise made available for fiscal year 2019*  
6       *for other procurement, Air Force, for Air and Space*  
7       *Operations Centers.*

8       **SEC. 217. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
9               **CERTAIN HIGH ENERGY LASER ADVANCED**  
10              **TECHNOLOGY.**

11       *(a) LIMITATION.—Of the funds authorized to be appro-*  
12       *priated by this Act or otherwise made available for fiscal*  
13       *year 2019 for the Department of Defense for High Energy*  
14       *Laser Advanced Technology (PE 0603924D8Z), not more*  
15       *than 50 percent may be obligated or expended until the date*  
16       *on which the Secretary of Defense submits to the congres-*  
17       *sional defense committees—*

18               *(1) a logical roadmap and detailed assessment of*  
19       *the high energy laser programs of the Department of*  
20       *Defense; and*

21               *(2) a justification for the \$33,533,000 of in-*  
22       *creased funding for high energy laser programs au-*  
23       *thorized in the National Defense Authorization Act*  
24       *for Fiscal Year 2018 (Public Law 115–91).*

1       (b) *RULE OF CONSTRUCTION.*—*The limitation in sub-*  
2 *section (a) shall not be construed to apply to any other high*  
3 *energy laser program of the Department of Defense other*  
4 *than the program element specified in such subsection.*

5 **SEC. 218. PLAN FOR ELIMINATION OR TRANSFER OF THE**  
6                   **STRATEGIC CAPABILITIES OFFICE OF THE DE-**  
7                   **PARTMENT OF DEFENSE.**

8       (a) *PLAN REQUIRED.*—*Not later than March 1, 2019,*  
9 *the Secretary of Defense, acting through the Under Sec-*  
10 *retary of Defense for Research and Engineering, shall sub-*  
11 *mit to the congressional defense committees a plan—*

12               (1) *to eliminate the Strategic Capabilities Office*  
13 *of the Department of Defense by not later than Octo-*  
14 *ber 1, 2020; or*

15               (2) *to transfer the functions of the Strategic Ca-*  
16 *pabilities Office to another organization or element of*  
17 *the Department by not later than October 1, 2020.*

18       (b) *ELEMENTS.*—*The plan required under subsection*  
19 *(a) shall include the following:*

20               (1) *A timeline for the potential elimination or*  
21 *transfer of the activities, functions, programs, plans,*  
22 *and resources of the Strategic Capabilities Office.*

23               (2) *A strategy for mitigating risk to the pro-*  
24 *grams of the Strategic Capabilities Office while the*  
25 *elimination or transfer is carried out.*



1 *ities of the Office of Science and Technology Policy of*  
2 *the President;*

3 *(3) align the acquisition priorities, programs,*  
4 *and timelines of the Department with the acquisition*  
5 *priorities, programs, and timelines of defense enter-*  
6 *prise laboratories and services;*

7 *(4) contain an assessment of high priority*  
8 *emerging technology programs of the Department, in-*  
9 *cluding programs relating to hypersonics, directed en-*  
10 *ergy, synthetic biology, and artificial intelligence;*

11 *(5) identify high priority research and engineer-*  
12 *ing requirements and gaps;*

13 *(6) include recommendations for changes in au-*  
14 *thorities, regulations, policies, or any other relevant*  
15 *areas, that would support the achievement of the goals*  
16 *set forth in the strategy; and*

17 *(7) contain such other information as the Sec-*  
18 *retary of Defense determines to be appropriate.*

19 *(c) ANNUAL SUBMISSION.—*

20 *(1) IN GENERAL.—Not later than February 4,*  
21 *2019, and annually thereafter through December 31,*  
22 *2021, the Secretary of Defense shall submit to the con-*  
23 *gressional defense committees the most recent version*  
24 *of the strategy developed under subsection (a).*

1           (2) *FORM OF SUBMISSION.*—Each strategy sub-  
2           mitted under paragraph (1) shall be submitted in un-  
3           classified form, but may include a classified annex

4           (d) *BRIEFING.*—Not later than 14 days after the date  
5           on which the initial strategy under subsection (a) is com-  
6           pleted, the Under Secretary of Defense for Research and En-  
7           gineering shall provide to the Committees on Armed Serv-  
8           ices of the Senate and the House of Representatives a brief-  
9           ing on the implementation of the strategy.

10 **SEC. 220. MODIFICATION OF CVN-73 TO SUPPORT FIELDING**  
11 **OF MQ-25 UNMANNED AERIAL VEHICLE.**

12           The Secretary of the Navy shall ensure that the aircraft  
13           carrier designated CVN-73 is modified to support the field-  
14           ing of the MQ-25 unmanned aerial vehicle before the date  
15           on which the refueling and complex overhaul of the aircraft  
16           carrier is completed.

17           ***Subtitle C—Reports and Other***  
18           ***Matters***

19 **SEC. 221. REPORT ON SURVIVABILITY OF AIR DEFENSE AR-**  
20 **TILLERY.**

21           (a) *REPORT REQUIRED.*—Not later than March 1,  
22           2019, the Secretary of the Army shall submit to the Com-  
23           mittees on Armed Services of the Senate and the House of  
24           Representatives a report on the efforts of the Army to im-  
25           prove the survivability of air defense artillery, with a par-



1 *ticular focus on the efforts of the Army to improve passive*  
2 *and active nonkinetic capabilities and training with respect*  
3 *to such artillery.*

4 *(b) ELEMENTS.—The report required under subsection*  
5 *(a) shall include the following:*

6 *(1) An analysis of the utility of relevant passive*  
7 *and active non-kinetic integrated air and missile de-*  
8 *fense capabilities, including tactical mobility, new*  
9 *passive and active sensors, signature reduction, con-*  
10 *cealment, and deception systems, and electronic war-*  
11 *fare and high-powered radio frequency systems.*

12 *(2) An analysis of the utility of relevant active*  
13 *kinetic capabilities, such as a new, long-range*  
14 *counter-maneuvering threat missile and additional*  
15 *indirect fire protection capability units to defend Pa-*  
16 *triot and Terminal High Altitude Area Defense bat-*  
17 *teries.*

18 *(c) FORM OF REPORT.—The report required under*  
19 *subsection (a) shall be submitted in unclassified form, but*  
20 *may contain a classified annex.*

21 **SEC. 222. REPORT ON T-45 AIRCRAFT PHYSIOLOGICAL EPI-**  
22 **SODE MITIGATION ACTIONS.**

23 *(a) REPORT REQUIRED.—Not later than March 1,*  
24 *2019, the Secretary of the Navy shall submit to the congres-*  
25 *sional defense committees a report on modifications made*

1 to T-45 aircraft and associated ground equipment to miti-  
2 gate the risk of physiological episodes among T-45 aircraft  
3 crewmembers.

4 (b) *ELEMENTS.*—The report required under subsection  
5 (a) shall include—

6 (1) a list of all modifications to the T-45 air-  
7 craft and associated ground equipment carried out  
8 during fiscal years 2017 through 2019 to mitigate the  
9 risk of physiological episodes among T-45 crew-  
10 members;

11 (2) the results achieved by such modifications as  
12 determined by relevant testing and operational activi-  
13 ties;

14 (3) the cost of such modifications; and

15 (4) any plans of the Navy for future modifica-  
16 tions.

17 **SEC. 223. REPORT ON EFFORTS OF THE AIR FORCE TO MITI-**  
18 **GATE PHYSIOLOGICAL EPISODES AFFECTING**  
19 **AIRCRAFT CREWMEMBERS.**

20 (a) *REPORT REQUIRED.*—Not later than March 1,  
21 2019, the Secretary of the Air Force shall submit to the con-  
22 gressional defense committees a report on all efforts of the  
23 Air Force to reduce the occurrence of, and mitigate the risk  
24 posed by, physiological episodes affecting crewmembers of  
25 covered aircraft.

1       (b) *ELEMENTS.*—*The report required under subsection*

2       (a) *shall include—*

3               (1) *information on the rate of physiological epi-*  
4               *sodes affecting crewmembers of covered aircraft;*

5               (2) *a description of the specific actions carried*  
6               *out by the Air Force to address such episodes, includ-*  
7               *ing a description of any upgrades or other modifica-*  
8               *tions made to covered aircraft to address such epi-*  
9               *sodes;*

10              (3) *schedules and cost estimates for any upgrades*  
11              *or modifications identified under paragraph (3); and*

12              (4) *an explanation of any organizational or*  
13              *other changes to the Air Force carried out to address*  
14              *such physiological episodes.*

15       (c) *COVERED AIRCRAFT DEFINED.*—*In this section,*  
16 *the term “covered aircraft” means—*

17              (1) *F–35A aircraft of the Air Force;*

18              (2) *T–6A aircraft of the Air Force; and*

19              (3) *any other aircraft of the Air Force as deter-*  
20              *mined by the Secretary of the Air Force.*

21 **SEC. 224. BRIEFING ON USE OF QUANTUM SCIENCES FOR**  
22 **MILITARY APPLICATIONS AND OTHER PUR-**  
23 **POSES.**

24       (a) *BRIEFING REQUIRED.*—*Not later than 180 days*  
25 *after the date of the enactment of this Act, the Secretary*

1 *of Defense shall provide to the congressional defense commit-*  
2 *tees a briefing on the strategy of the Secretary for using*  
3 *quantum sciences for military applications and other pur-*  
4 *poses.*

5 (b) *ELEMENTS.*—*The briefing under subsection (a)*  
6 *shall include—*

7 (1) *a description of the knowledge-base of the De-*  
8 *partment of Defense with respect to quantum sciences*  
9 *and any plans of the Secretary of Defense to enhance*  
10 *such knowledge-base;*

11 (2) *a plan that describes how the Secretary in-*  
12 *tends to use quantum sciences for military applica-*  
13 *tions and to meet other needs of the Department; and*

14 (3) *an assessment of the efforts of foreign powers*  
15 *to use quantum sciences for military applications and*  
16 *other purposes.*

17 (c) *FORM OF BRIEFING.*—*The briefing under sub-*  
18 *section (a) may be provided in classified or unclassified*  
19 *form.*

20 **SEC. 225. REPORT ON DEFENSE INNOVATION UNIT EXPERI-**  
21 **MENTAL.**

22 *Not later than May 1, 2019, the Under Secretary of*  
23 *Defense for Research and Engineering shall submit to the*  
24 *congressional defense committees a report on Defense Inno-*

1 *vation Unit Experimental (in this section referred to as the*  
2 *“Unit”). Such a report shall include the following:*

3           (1) *The integration of the Unit into the broader*  
4 *Department of Defense research and engineering com-*  
5 *munity to coordinate and de-conflict activities of the*  
6 *Unit with similar activities of the military depart-*  
7 *ments, Defense Agencies, Department of Defense lab-*  
8 *oratories, the Defense Advanced Research Project*  
9 *Agency, and other entities.*

10           (2) *The metrics used to measure the effectiveness*  
11 *of the Unit and the results of these metrics.*

12           (3) *The number and types of transitions by the*  
13 *Unit to the military departments or fielded to the*  
14 *warfighter.*

15           (4) *The use of other transaction authority by the*  
16 *Unit to include the process, procedures, documenta-*  
17 *tion, and oversight of awards made using such au-*  
18 *thority.*

19           (5) *The impact of the Unit’s initiatives, out-*  
20 *reach, and investments on Department of Defense ac-*  
21 *cess to technology leaders and technology not other-*  
22 *wise accessible to the Department including—*

23                   (A) *identification of the number of non-tra-*  
24 *ditional companies with Department of Defense*

1           *contracts resulting directly from the Unit’s ini-*  
2           *tiatives, investments, or outreach;*

3           *(B) the number of innovations delivered*  
4           *into the hands of the warfighter; and*

5           *(C) how the Department is notifying its in-*  
6           *ternal components about participation in the*  
7           *Unit.*

8           *(6) How the Department of Defense is docu-*  
9           *menting and institutionalizing lessons learned and*  
10          *best practices of the Unit to alleviate the systematic*  
11          *problems with technology access and timely contract*  
12          *execution.*

13           ***TITLE III—OPERATION AND***  
14           ***MAINTENANCE***

15           ***Subtitle A—Authorization of***  
16           ***Appropriations***

17          ***SEC. 301. AUTHORIZATION OF APPROPRIATIONS.***

18          *Funds are here by authorized to be appropriated for*  
19          *fiscal year 2019 for the use of the Armed Forces and other*  
20          *activities and agencies of the Department of Defense for ex-*  
21          *penses, not otherwise provided for, for operation and main-*  
22          *tenance, as specified in the funding table in section 4301.*

1                   ***Subtitle B—Energy and***  
2                   ***Environment***

3   ***SEC. 311. INCLUSION OF CONSIDERATION OF ENERGY AND***  
4                   ***CLIMATE RESILIENCY EFFORTS IN MASTER***  
5                   ***PLANS FOR MAJOR MILITARY INSTALLA-***  
6                   ***TIONS.***

7           *Section 2864 of title 10, United States Code, is amend-*  
8 *ed—*

9                   *(1) in subsection (a)(2)—*

10                   *(A) in subparagraph (C), by striking “and”*  
11 *at the end;*

12                   *(B) in subparagraph (D), by striking the*  
13 *period at the end and inserting “; and”; and*

14                   *(C) by adding at the end the following new*  
15 *subparagraph:*

16                   *“(E) energy and climate resiliency efforts.”; and*

17                   *(2) in subsection (d), by adding at the end the*  
18 *following new paragraph:*

19                   *“(3) The term ‘energy and climate resiliency’*  
20 *means anticipation, preparation for, and adaptation*  
21 *to utility disruptions and changing environmental*  
22 *conditions and the ability to withstand, respond to*  
23 *and recover rapidly from utility disruptions while en-*  
24 *sureing the sustainment of mission-critical oper-*  
25 *ations.”.*

1 **SEC. 312. USE OF PROCEEDS FROM SALES OF ELECTRICAL**  
2 **ENERGY DERIVED FROM GEOTHERMAL RE-**  
3 **SOURCES FOR PROJECTS AT MILITARY IN-**  
4 **STALLATIONS WHERE RESOURCES ARE LO-**  
5 **CATED.**

6 *Subsection (b) of section 2916 of title 10, United States*  
7 *Code, is amended—*

8 *(1) in paragraph (1), by striking “Proceeds” and*  
9 *inserting “Except as provided in paragraph (3), pro-*  
10 *ceeds”; and*

11 *(2) by adding at the end the following new para-*  
12 *graph:*

13 *“(3) In the case of proceeds from a sale of electrical*  
14 *energy generated from any geothermal energy resource—*

15 *“(A) 50 percent shall be credited to the appro-*  
16 *priation account described in paragraph (1); and*

17 *“(B) 50 percent shall be deposited in a special*  
18 *account in the Treasury established by the Secretary*  
19 *concerned which shall be available, for military con-*  
20 *struction projects described in paragraph (2) or for*  
21 *installation energy or water security projects directly*  
22 *coordinated with local area energy or groundwater*  
23 *governing authorities, for the military installation in*  
24 *which the geothermal energy resource is located.”.*



1 **SEC. 313. EXTENSION OF AUTHORIZED PERIODS OF PER-**  
2 **MITTED INCIDENTAL TAKINGS OF MARINE**  
3 **MAMMALS IN THE COURSE OF SPECIFIED AC-**  
4 **TIVITIES BY DEPARTMENT OF DEFENSE.**

5 *Section 101(a)(5)(A) of the Marine Mammal Protec-*  
6 *tion Act of 1972 (16 U.S.C. 1371(a)(5)(A)) is amended—*

7 *(1) in clause (i), by striking “Upon request” and*  
8 *inserting “Except as provided by clause (ii), upon re-*  
9 *quest”;*

10 *(2) by redesignating clauses (ii) and (iii) as*  
11 *clauses (iii) and (iv), respectively; and*

12 *(3) by inserting after clause (i) the following new*  
13 *clause (ii):*

14 *“(ii) In the case of a request described in clause (i)*  
15 *made by the Department of Defense, such clause shall be*  
16 *applied—*

17 *“(I) in the matter preceding clause (I), by sub-*  
18 *stituting ‘ten consecutive years’ for ‘five consecutive*  
19 *years’; and*

20 *“(II) in clause (I), by substituting ‘ten-year’ for*  
21 *‘five-year’.”.*

22 **SEC. 314. STATE MANAGEMENT AND CONSERVATION OF**  
23 **SPECIES.**

24 *(a) SAGE-GROUSE AND PRAIRIE-CHICKEN.—*

25 *(1) IN GENERAL.—During the 10-year period be-*  
26 *ginning on the date of the enactment of this Act, the*

1       *conservation status of each of the Greater Sage-grouse*  
2       *(Centrocercus urophasianus) and the Lesser Prairie-*  
3       *Chicken (Tympnanuchus pallidicinctus) under section*  
4       *4 of the Endangered Species Act of 1973 (16 U.S.C.*  
5       *1533) shall be not-warranted for listing.*

6               (2) *SUBSEQUENT DETERMINATIONS.*—*In deter-*  
7       *mining conservation efficacy for purposes of making*  
8       *any determination of such status after such 10-year*  
9       *period, the Secretary of the Interior shall fully con-*  
10       *sider all conservation actions of States, Federal agen-*  
11       *cies, and military installations.*

12              (b) *AMERICAN BURYING BEETLE.*—*Notwithstanding*  
13       *the final rule of the United States Fish and Wildlife Service*  
14       *entitled “Endangered and Threatened Wildlife and Plants;*  
15       *Determination of Endangered Status for the American*  
16       *Burying Beetle” (54 Fed. Reg. 29652 (July 13, 1989)), the*  
17       *American burying beetle (Nicrophorus americanus) may*  
18       *not be listed as a threatened species or endangered species*  
19       *under the Endangered Species Act of 1973 (16 U.S.C. 1531*  
20       *et seq.).*

21              (c) *JUDICIAL REVIEW.*—*Notwithstanding any other*  
22       *provision of statute or regulation, this section shall not be*  
23       *subject to judicial review.*

1                   ***Subtitle C—Logistics and***  
2                   ***Sustainment***

3   **SEC. 321. EXAMINATION OF NAVAL VESSELS.**

4           *Section 7304(a) of title 10, United States Code, is*  
5 *amended—*

6                   (1) *by striking “The Secretary” and inserting*  
7           *“(1) The Secretary”; and*

8                   (2) *by adding at the end the following new para-*  
9 *graphs:*

10                   “(2) *Any naval vessel examined under this section on*  
11 *or after October 1, 2019, shall be examined without prior*  
12 *notice provided to the crew of the vessel.*

13                   “(3) *Any report generated relating to an examination*  
14 *under this section shall be unclassified and made publicly*  
15 *available.”.*

16   **SEC. 322. OVERHAUL AND REPAIR OF NAVAL VESSELS IN**  
17                   ***FOREIGN SHIPYARDS.***

18                   (a) *TREATMENT OF NAVAL VESSELS WITHOUT DES-*  
19 *IGNATED HOMEPORTS.—Subsection (a)(1) of section 7310*  
20 *of title 10, United States Code, is amended by adding at*  
21 *the end the following new sentence: “For the purpose of this*  
22 *section, a naval vessel that does not have a designated home-*  
23 *port shall be treated in the same manner as a vessel with*  
24 *a homeport in the United States or Guam.”.*

1           **(b) DEFINITION OF VOYAGE REPAIR.**—*Such section is*  
2 *further amended—*

3           *(1) in subsection (c)—*

4                   *(A) in paragraph (3)(C), by striking “as*  
5 *defined” and all that follows through “Volume*  
6 *III”; and*

7                   *(B) by striking paragraph (5); and*

8           *(2) by adding at the end the following new sub-*  
9 *section:*

10           **“(d) DEFINITIONS.**—*In this section:*

11                   **“(1) The term ‘covered naval vessel’ means any**  
12 *of the following:*

13                           **“(A) A naval vessel.**

14                           **“(B) Any other vessel under the jurisdiction**  
15 *of the Secretary of the Navy.*

16                           **“(C) A vessel not described in subparagraph**  
17 *(A) or (B) that is operated pursuant to a con-*  
18 *tract entered into by the Secretary of the Navy*  
19 *and the Maritime Administration or the United*  
20 *States Transportation Command in support of*  
21 *Department of Defense operations.*

22                   **“(2) The term ‘voyage repair’ means repair per-**  
23 *formed solely for the corrective maintenance of mis-*  
24 *sion or safety essential items necessary for a vessel to*  
25 *deploy or continue its deployment.”.*

1 **SEC. 323. LIMITATION ON LENGTH OF OVERSEAS FORWARD**  
2 **DEPLOYMENT OF NAVAL VESSELS.**

3 (a) *LIMITATION.*—

4 (1) *IN GENERAL.*—Chapter 633 of title 10,  
5 United States Code, is amended by adding at the end  
6 the following new section:

7 **“§ 7320. Limitation on length of overseas forward de-**  
8 **ployment of naval vessels**

9 “(a) *LIMITATION.*—The Secretary of the Navy shall en-  
10 sure that no naval vessel is forward deployed overseas for  
11 a period in excess of ten years. At the end of a period of  
12 overseas forward deployment, the vessel shall be assigned a  
13 homeport in the United States.

14 “(b) *WAIVER.*—The Secretary of the Navy may waive  
15 the limitation under subsection (a) with respect to a naval  
16 vessel if the Secretary submits to the congressional defense  
17 committees notice in writing of—

18 “(1) the waiver of such limitation with respect  
19 to the vessel;

20 “(2) the date on which the period of overseas for-  
21 ward deployment of the vessel is expected to end; and

22 “(3) the factors used by the Secretary to deter-  
23 mine that a longer period of deployment would pro-  
24 mote the national defense or be in the public inter-  
25 est.”.



1 of Defense shall ensure that with respect to each military  
2 department depot or arsenal, outlay rates—

3 (1) reflect the timing of when during a fiscal  
4 year appropriations have historically funded work-  
5 load; and

6 (2) account for the varying repair cycle times of  
7 the workload supported.

8 **SEC. 325. LIMITATION ON USE OF FUNDS FOR IMPLEMENTA-**  
9 **TION OF ELEMENTS OF MASTER PLAN FOR**  
10 **REDEVELOPMENT OF FORMER SHIP REPAIR**  
11 **FACILITY IN GUAM.**

12 (a) *LIMITATION.*—*Except as provided in subsection*  
13 *(b), none of the funds authorized to be appropriated by this*  
14 *Act or otherwise made available for the Navy for fiscal year*  
15 *2019 may be obligated or expended for any construction,*  
16 *alteration, repair, or development of the real property con-*  
17 *sisting of the Former Ship Repair Facility in Guam.*

18 (b) *EXCEPTION.*—*The limitation under subsection (a)*  
19 *does not apply to any project that directly supports depot-*  
20 *level ship maintenance capabilities, including the mooring*  
21 *of a floating dry dock.*

22 (c) *FORMER SHIP REPAIR FACILITY IN GUAM.*—*In*  
23 *this section, the term “Former Ship Repair Facility in*  
24 *Guam” means the property identified by that name under*  
25 *the base realignment and closure authority carried out*

1 *under the Defense Base Closure and Realignment Act of*  
2 *1990 (part A of title XXIX of Public Law 101-510; 10 USC*  
3 *2687 note).*

4 **SEC. 326. BUSINESS CASE ANALYSIS FOR PROPOSED RELO-**  
5 **CATION OF J85 ENGINE REGIONAL REPAIR**  
6 **CENTER.**

7 *(a) BUSINESS CASE ANALYSIS.—The Secretary of the*  
8 *Air Force shall prepare a business case analysis on the pro-*  
9 *posed relocation of the J85 Engine Regional Repair Center.*  
10 *Such analysis shall include each of the following:*

11 *(1) An overview of each alternative considered*  
12 *for the J85 Engine Regional Repair Center.*

13 *(2) The one-time and annual costs associated*  
14 *with each such alternative.*

15 *(3) The effect of each such alternative on work-*  
16 *load capacity, capability, schedule, throughput, and*  
17 *costs.*

18 *(4) The effect of each such alternative on Govern-*  
19 *ment-furnished parts, components, and equipment,*  
20 *including mitigation strategies to address known lim-*  
21 *itations to T38 production throughput, especially*  
22 *such limitations caused by Government-furnished*  
23 *parts, equipment, or transportation.*



1           (5) *The effect of each such alternative on the*  
2           *transition of the Air Force to the T-X training air-*  
3           *craft.*

4           (6) *A detailed rationale for the selection of an al-*  
5           *ternative considered as part of the business case anal-*  
6           *ysis under this section.*

7           (b) *LIMITATION ON USE OF FUNDS FOR RELOCA-*  
8           *TION.—None of the funds authorized to be appropriated by*  
9           *this Act, or otherwise made available for the Air Force, may*  
10           *be obligated or expended for any action to relocate the J85*  
11           *Engine Regional Repair Center until the date that is 150*  
12           *days after the date on which the Secretary of the Air Force*  
13           *provides to the Committees on Armed Services of the Senate*  
14           *and House of Representatives a briefing on the business case*  
15           *analysis required by subsection (a).*

16           **SEC. 327. ARMY ADVANCED AND ADDITIVE MANUFAC-**  
17           **TURING CENTER OF EXCELLENCE.**

18           (a) *DESIGNATION.—The Secretary of the Army shall*  
19           *establish a Center of Excellence on Advanced and Additive*  
20           *Manufacturing at an arsenal (hereafter referred to as “the*  
21           *Center”).*

22           (b) *PURPOSES.—The Center established in section (a)*  
23           *shall—*

24                   (1) *support the efforts of the Army to implement*  
25           *advanced and additive manufacturing techniques and*

1        *capabilities across the Army industrial facilities (as*  
2        *defined by section 4544(j) of title 10, United States*  
3        *Code);*

4            (2) *identify improvements to sustainment meth-*  
5        *ods for component parts and other logistics needs;*

6            (3) *identify and implement appropriate cyber*  
7        *protections to ensure viability of advanced and addi-*  
8        *tive manufacturing within the Army organic indus-*  
9        *trial base in consultation with the Army Cyber Cen-*  
10       *ter of Excellence and other appropriate government*  
11       *and private sector entities; and*

12           (4) *aid in the procurement of advanced and ad-*  
13       *ditive manufacturing equipment and support services*  
14       *including training.*

15        (c) *ASSISTANCE.—*

16           (1) *IN GENERAL.—The Secretary of the Army*  
17       *may use public-private partnerships and other trans-*  
18       *actional activity pursuant to section 2371 of title 10,*  
19       *United States Code, with covered entities to facilitate*  
20       *the development of advanced and additive manufac-*  
21       *turing techniques in support of Army industrial fa-*  
22       *cilities.*

23           (2) *TERMS OF PARTNERSHIPS AND AGREE-*  
24       *MENTS.—Public-private partnerships and other trans-*  
25       *actional activity under paragraph (1)—*

1           (A) shall facilitate development and imple-  
2           mentation of advanced and additive manufac-  
3           turing techniques and capabilities that support  
4           the Army organic industrial base;

5           (B) may support necessary workforce devel-  
6           opment and support efforts to sustain advanced  
7           and additive manufacturing in the Army or-  
8           ganic industrial base;

9           (C) shall facilitate appropriate sharing of  
10          information in the adaptation of advanced and  
11          additive manufacturing into the Army organic  
12          industrial base; and

13          (D) shall facilitate implementation of ap-  
14          propriate cyber protections into advanced and  
15          additive manufacturing tools and techniques.

16          (d) *DEFINITION OF COVERED ENTITY.*—In this sec-  
17          tion, the term “covered entity” includes—

18               (1) community and technical colleges;

19               (2) research universities;

20               (3) State and local governments;

21               (4) economic development entities;

22               (5) non-profit technical associations in advanced  
23          manufacturing; and

24               (6) non-profit organizations with a focus on im-  
25          proving the defense industrial base.

## ***Subtitle D—Reports***

1  
2 ***SEC. 331. MATTERS FOR INCLUSION IN QUARTERLY RE-***  
3 ***PORTS ON PERSONNEL AND UNIT READI-***  
4 ***NESS.***

5 *Section 482 of title 10, United States Code, is amend-*  
6 *ed—*

7 *(1) in subsection (b)(1), by inserting after “defi-*  
8 *ciency” the following: “in the ground, sea, air, space,*  
9 *and cyber forces, and in such other such areas as de-*  
10 *termined by the Secretary of Defense,”; and*

11 *(2) in subsection (d)—*

12 *(A) in the subsection heading, by striking*  
13 *“ASSIGNED MISSION”;*

14 *(B) by striking paragraph (3);*

15 *(C) by redesignating paragraphs (2) as*  
16 *paragraph (3); and*

17 *(D) by inserting after paragraph (1) the fol-*  
18 *lowing new paragraph (2):*

19 *“(2) A report for the second or fourth quarter of*  
20 *a calendar year under this section shall also include*  
21 *an assessment by each commander of a geographic or*  
22 *functional combatant command of the readiness of the*  
23 *command to conduct operations in a multidomain*  
24 *battle that integrates ground, air, sea, space, and*  
25 *cyber forces.”.*

1 **SEC. 332. ANNUAL COMPTROLLER GENERAL REVIEWS OF**  
2 ***READINESS OF ARMED FORCES TO CONDUCT***  
3 ***FULL SPECTRUM OPERATIONS.***

4       (a) *REVIEWS REQUIRED.*—For each of calendar years  
5 2018 through 2021, the Comptroller General of the United  
6 States shall conduct an annual review of the readiness of  
7 the Armed Forces to conduct each of the following types of  
8 full spectrum operations:

9               (1) *Ground.*

10              (2) *Sea.*

11              (3) *Air.*

12              (4) *Space.*

13              (5) *Cyber.*

14       (b) *ELEMENTS OF REVIEW.*—In conducting a review  
15 under subsection (a), the Comptroller General shall—

16              (1) *use standard methodology and reporting for-*  
17 *mats in order to show changes over time;*

18              (2) *evaluate, using fiscal year 2017 as the base*  
19 *year of analysis—*

20                      (A) *force structure;*

21                      (B) *the ability of major operational units to*  
22 *conduct operations; and*

23                      (C) *the status of equipment, manning, and*  
24 *training; and*

25              (3) *provide reasons for any variances in readi-*  
26 *ness levels, including changes in funding, availability*

1        *in parts, training opportunities, and operational de-*  
2        *mands.*

3        (c) *METRICS.*—*For purposes of the reviews required by*  
4        *this section, the Secretary of Defense shall identify and es-*  
5        *tablish metrics for measuring readiness for the operations*  
6        *covered by subsection (a). In the first review conducted*  
7        *under this section, the Comptroller General shall evaluate*  
8        *and determine the validity of such metrics.*

9        (d) *ACCESS TO RELEVANT DATA.*—*For purposes of*  
10       *this section, the Secretary of Defense shall ensure that the*  
11       *Comptroller General has access to all relevant data, includ-*  
12       *ing—*

13                (1) *any assessments of the ability of the Depart-*  
14                *ment of Defense and the Armed Forces to execute*  
15                *operational and contingency plans;*

16                (2) *any internal Department readiness and force*  
17                *structure assessments; and*

18                (3) *the readiness databases of the Department*  
19                *and the Armed Forces.*

20        (e) *REPORTS.*—

21                (1) *ANNUAL REPORT.*—*Not later than February*  
22                *28, 2019, and annually thereafter until 2022, the*  
23                *Comptroller General shall submit to the Committees*  
24                *on Armed Services of the Senate and House of Rep-*  
25                *resentatives an annual report on the review conducted*

1        *under subsection (a) for the year preceding the year*  
2        *during which the report is submitted.*

3            (2) *ADDITIONAL REPORTS.—At the discretion of*  
4        *the Comptroller General, the Comptroller General*  
5        *may submit to the Committees on Armed Services of*  
6        *the Senate and House of Representatives additional*  
7        *reports addressing specific mission areas within the*  
8        *operations covered by subsection (a) in order to pro-*  
9        *vide an independent assessment of readiness in the*  
10       *areas of equipping, mapping, and training.*

11 **SEC. 333. SURFACE WARFARE TRAINING IMPROVEMENT.**

12        (a) *FINDINGS.—Congress makes the following findings:*

13            (1) *In 2017, there were three collisions and one*  
14        *grounding involving United States Navy ships in the*  
15        *Western Pacific. The two most recent mishaps in-*  
16        *volved separate incidents of a Japan-based United*  
17        *States Navy destroyer colliding with a commercial*  
18        *merchant vessel, resulting in the combined loss of 17*  
19        *sailors.*

20            (2) *The causal factors in these four mishaps are*  
21        *linked directly to a failure to take sufficient action in*  
22        *accordance with the rules of good seamanship.*

23            (3) *Because risks are high in the maritime envi-*  
24        *ronment, there are widely accepted standards for safe*  
25        *seamanship and navigation. In the United States, the*

1        *International Convention on Standards of Training,*  
2        *Certification and Watchkeeping (hereinafter in this*  
3        *section referred to as the “STCW”) for Seafarers,*  
4        *standardizes the skills and foundational knowledge a*  
5        *maritime professional must have in seamanship and*  
6        *navigation.*

7                (4) *Section 568 of the National Defense Author-*  
8        *ization Act for Fiscal Year 2017 (Public Law 114-*  
9        *328; 130 Stat. 2139) endorsed the STCW process and*  
10        *required the Secretary of Defense to maximize the ex-*  
11        *tent to which Armed Forces service, training, and*  
12        *qualifications are creditable toward meeting merchant*  
13        *mariner licenses and certifications.*

14                (5) *The Surface Warfare Officer Course Cur-*  
15        *riculum is being modified to include ten individual*  
16        *Go/No Go Mariner Assessments/Competency Check*  
17        *Milestones to ensure standardization and quality of*  
18        *the surface warfare community.*

19                (6) *The Military-to-Mariner Transition report of*  
20        *September 2017 notes the Army maintains an exten-*  
21        *sive STCW qualifications program and that a similar*  
22        *Navy program does not exist.*

23                (b) *SENSE OF CONGRESS.—It is the sense of Congress*  
24        *that—*



1           (1) *the Secretary of the Navy should establish a*  
2           *comprehensive individual proficiency assessment*  
3           *process and include such an assessment prior to all*  
4           *operational surface warfare officer tour assignments;*  
5           *and*

6           (2) *the Secretary of the Navy should signifi-*  
7           *cantly expand the STCW qualifications process to im-*  
8           *prove seamanship and navigation individual skills*  
9           *training for surface warfare candidates, surface war-*  
10          *fare officers, quartermasters and operations specialists*  
11          *to include an increased set of courses that directly*  
12          *correspond to STCW standards.*

13          (c) *REPORT.—Not later than March 1, 2019, the Sec-*  
14          *retary of the Navy shall submit to the congressional defense*  
15          *committees a report that includes each of the following:*

16               (1) *A detailed description of the surface warfare*  
17               *officer assessments process.*

18               (2) *A list of programs that have been approved*  
19               *for credit toward merchant mariner credentials.*

20               (3) *A complete gap analysis of the existing sur-*  
21               *face warfare training curriculum and STCW.*

22               (4) *A complete gap analysis of the existing sur-*  
23               *face warfare training curriculum and the 3rd mate*  
24               *unlimited licensing requirement.*

1           (5) *An assessment of surface warfare options to*  
2           *complete the 3rd mate unlimited license and the*  
3           *STCW qualification.*

4 **SEC. 334. REPORT ON OPTIMIZING SURFACE NAVY VESSEL**  
5           **INSPECTIONS AND CREW CERTIFICATIONS.**

6           (a) *REPORT REQUIRED.*—*Not later than one year*  
7           *after the date of the enactment of this Act, the Secretary*  
8           *of the Navy shall submit to Congress a report on optimizing*  
9           *surface Navy vessel inspections and crew certifications to*  
10           *reduce the burden of inspection type visits that vessels un-*  
11           *dergo. Such report shall include—*

12                   (1) *an audit of all surface Navy vessel inspec-*  
13                   *tions, certifications, and required and recommended*  
14                   *assist visits;*

15                   (2) *an analysis of such inspections, certifi-*  
16                   *cations, and visits for redundancies, as well as any*  
17                   *necessary items not covered;*

18                   (3) *recommendations to streamline surface vessel*  
19                   *inspections, certifications, and required and rec-*  
20                   *ommended assist visits to optimize effectiveness, im-*  
21                   *prove material readiness, and restore training readi-*  
22                   *ness; and*

23                   (4) *recommendations for congressional action to*  
24                   *address the needs of the Navy as identified in the re-*  
25                   *port.*

1       (b) *CONGRESSIONAL BRIEFING.*—Not later than Janu-  
 2 ary 31, 2019, the Secretary of the Navy shall provide to  
 3 the Senate Committee on Armed Services and the House  
 4 Committee on Armed Services an interim briefing on the  
 5 matters to be included in the report required by subsection  
 6 (a).

## 7                   ***Subtitle E—Other Matters***

### 8   ***SEC. 341. COAST GUARD REPRESENTATION ON EXPLOSIVE*** 9                   ***SAFETY BOARD.***

10       Section 172(a) of title 10, United States Code, is  
 11 amended—

12               (1) by striking “and Marine Corps” and insert-  
 13 ing “Marine Corps, and Coast Guard”; and

14               (2) by adding at the end the following new sen-  
 15 tence: “When the Coast Guard is not operating as a  
 16 service in the Department of the Navy, the Secretary  
 17 of Homeland Security shall appoint an officer of the  
 18 Coast Guard to serve as a voting member of the  
 19 board.”.

### 20   ***SEC. 342. SHILOH NATIONAL MILITARY PARK BOUNDARY*** 21                   ***ADJUSTMENT AND PARKER’S CROSSROADS*** 22                   ***BATTLEFIELD DESIGNATION.***

23       (a) *AREAS TO BE ADDED TO SHILOH NATIONAL MILI-*  
 24 *TARY PARK.*—

1           (1) *ADDITIONAL AREAS.*—*The boundary of Shi-*  
2           *loh National Military Park is modified to include the*  
3           *areas that are generally depicted on the map entitled*  
4           *“Shiloh National Military Park, Proposed Boundary*  
5           *Adjustment”, numbered 304/80,011, and dated July*  
6           *2014, as follows:*

7                     (A) *Fallen Timbers Battlefield.*

8                     (B) *Russell House Battlefield.*

9                     (C) *Davis Bridge Battlefield.*

10           (2) *ACQUISITION AUTHORITY.*—*The Secretary*  
11           *may acquire lands described in paragraph (1) by do-*  
12           *nation, purchase from willing sellers with donated or*  
13           *appropriated funds, or exchange.*

14           (3) *ADMINISTRATION.*—*Any lands acquired*  
15           *under this section shall be administered as part of the*  
16           *Park.*

17           (b) *ESTABLISHMENT OF AFFILIATED AREA.*—

18                     (1) *IN GENERAL.*—*Parker’s Crossroads Battle-*  
19           *field in the State of Tennessee is hereby established as*  
20           *an affiliated area of the National Park System.*

21                     (2) *DESCRIPTION.*—*The affiliated area shall con-*  
22           *sist of the area generally depicted within the “Pro-*  
23           *posed Boundary” on the map entitled “Parker’s*  
24           *Crossroads Battlefield, Proposed Boundary”, num-*  
25           *bered 903/80,073, and dated July 2014.*

1           (3) *ADMINISTRATION.*—*The affiliated area shall*  
2           *be managed in accordance with this section and all*  
3           *laws generally applicable to units of the National*  
4           *Park System.*

5           (4) *MANAGEMENT ENTITY.*—*The City of Parkers*  
6           *Crossroads and the Tennessee Historical Commission*  
7           *shall jointly be the management entity for the affili-*  
8           *ated area.*

9           (5) *COOPERATIVE AGREEMENTS.*—*The Secretary*  
10          *may provide technical assistance and enter into coop-*  
11          *erative agreements with the management entity for*  
12          *the purpose of providing financial assistance with*  
13          *marketing, marking, interpretation, and preservation*  
14          *of the affiliated area.*

15          (6) *LIMITED ROLE OF THE SECRETARY.*—*Noth-*  
16          *ing in this section authorizes the Secretary to acquire*  
17          *property at the affiliated area or to assume overall fi-*  
18          *nancial responsibility for the operation, maintenance,*  
19          *or management of the affiliated area.*

20          (7) *GENERAL MANAGEMENT PLAN.*—

21                 (A) *IN GENERAL.*—*The Secretary, in con-*  
22                 *sultation with the management entity, shall de-*  
23                 *velop a general management plan for the affili-*  
24                 *ated area. The plan shall be prepared in accord-*

1           *ance with section 100502 of title 54, United*  
2           *States Code.*

3           *(B) TRANSMITTAL.—Not later than 3 years*  
4           *after the date that funds are made available for*  
5           *this section, the Secretary shall provide a copy*  
6           *of the completed general management plan to the*  
7           *Committee on Natural Resources of the House of*  
8           *Representatives and the Committee on Energy*  
9           *and Natural Resources of the Senate.*

10          *(c) PRIVATE PROPERTY PROTECTION.—*

11           *(1) NO USE OF CONDEMNATION.—The Secretary*  
12           *may not acquire by condemnation any land or inter-*  
13           *ests in land under this section or for the purposes of*  
14           *this section.*

15           *(2) WRITTEN CONSENT OF OWNER.—No non-Fed-*  
16           *eral property may be included in the Shiloh National*  
17           *Military Park without the written consent of the*  
18           *owner.*

19           *(3) NO BUFFER ZONE CREATED.—Nothing in*  
20           *this section, the establishment of the Shiloh National*  
21           *Military Park, or the management plan for the Shi-*  
22           *loh National Military Park shall be construed to cre-*  
23           *ate buffer zones outside of the Park. That activities or*  
24           *uses can be seen, heard, or detected from areas within*  
25           *the Shiloh National Military Park shall not preclude,*

1 *limit, control, regulate, or determine the conduct or*  
2 *management of activities or uses outside of the Park.*

3 *(d) DEFINITIONS.—In this section:*

4 *(1) The term “affiliated area” means the Park-*  
5 *er’s Crossroads Battlefield established as an affiliated*  
6 *area of the National Park System under subsection*  
7 *(b).*

8 *(2) The term “Park” means Shiloh National*  
9 *Military Park, a unit of the National Park System.*

10 *(3) The term “Secretary” means the Secretary of*  
11 *the Interior.*

12 **SEC. 343. SENSE OF CONGRESS REGARDING CRITICAL MIN-**  
13 **ERALS.**

14 *It is the sense of Congress that the final composition*  
15 *of the critical minerals list, as ordered by Executive Order*  
16 *13817, should include aggregates, copper, molybdenum,*  
17 *gold, zinc, nickel, lead, silver, and certain fertilizer com-*  
18 *pounds in addition to the 35 minerals included in the draft*  
19 *list, as published on February 16, 2018, for public com-*  
20 *ment.*

1 **TITLE IV—MILITARY PERSONNEL**  
2 **AUTHORIZATIONS**

3 **Subtitle A—Active Forces**

4 **SEC. 401. END STRENGTHS FOR ACTIVE FORCES.**

5 *The Armed Forces are authorized strengths for active*  
6 *duty personnel as of September 30, 2019, as follows:*

7 (1) *The Army, 487,500.*

8 (2) *The Navy, 335,400.*

9 (3) *The Marine Corps, 186,100.*

10 (4) *The Air Force, 329,100.*

11 **SEC. 402. REVISIONS IN PERMANENT ACTIVE DUTY END**  
12 **STRENGTH MINIMUM LEVELS.**

13 *Section 691(b) of title 10, United States Code, is*  
14 *amended by striking paragraphs (1) through (4) and insert-*  
15 *ing the following new paragraphs:*

16 “(1) *For the Army, 487,500.*

17 “(2) *For the Navy, 335,400.*

18 “(3) *For the Marine Corps, 186,100.*

19 “(4) *For the Air Force, 329,100.*”

20 **Subtitle B—Reserve Forces**

21 **SEC. 411 . END STRENGTHS FOR SELECTED RESERVE.**

22 (a) *IN GENERAL.—The Armed Forces are authorized*  
23 *strengths for Selected Reserve personnel of the reserve com-*  
24 *ponents as of September 30, 2019, as follows:*



1           (1) *The Army National Guard of the United*  
2           *States, 343,500.*

3           (2) *The Army Reserve, 199,500.*

4           (3) *The Navy Reserve, 59,100.*

5           (4) *The Marine Corps Reserve, 38,500.*

6           (5) *The Air National Guard of the United*  
7           *States, 107,100.*

8           (6) *The Air Force Reserve, 70,000.*

9           (7) *The Coast Guard Reserve, 7,000.*

10          (b) *END STRENGTH REDUCTIONS.—The end strengths*  
11          *prescribed by subsection (a) for the Selected Reserve of any*  
12          *reserve component shall be proportionately reduced by—*

13                 (1) *the total authorized strength of units orga-*  
14                 *nized to serve as units of the Selected Reserve of such*  
15                 *component which are on active duty (other than for*  
16                 *training) at the end of the fiscal year; and*

17                 (2) *the total number of individual members not*  
18                 *in units organized to serve as units of the Selected*  
19                 *Reserve of such component who are on active duty*  
20                 *(other than for training or for unsatisfactory partici-*  
21                 *pation in training) without their consent at the end*  
22                 *of the fiscal year.*

23          (c) *END STRENGTH INCREASES.—Whenever units or*  
24          *individual members of the Selected Reserve of any reserve*  
25          *component are released from active duty during any fiscal*

1 year, the end strength prescribed for such fiscal year for  
2 the Selected Reserve of such reserve component shall be in-  
3 creased proportionately by the total authorized strengths of  
4 such units and by the total number of such individual mem-  
5 bers.

6 **SEC. 412 . END STRENGTHS FOR RESERVES ON ACTIVE**  
7 **DUTY IN SUPPORT OF THE RESERVES.**

8 *Within the end strengths prescribed in section 411(a),*  
9 *the reserve components of the Armed Forces are authorized,*  
10 *as of September 30, 2019, the following number of Reserves*  
11 *to be serving on full-time active duty or full-time duty, in*  
12 *the case of members of the National Guard, for the purpose*  
13 *of organizing, administering, recruiting, instructing, or*  
14 *training the reserve components:*

15 (1) *The Army National Guard of the United*  
16 *States, 30,595.*

17 (2) *The Army Reserve, 16,386.*

18 (3) *The Navy Reserve, 10,110.*

19 (4) *The Marine Corps Reserve, 2,261.*

20 (5) *The Air National Guard of the United*  
21 *States, 19,861.*

22 (6) *The Air Force Reserve, 3,849.*

1 **SEC. 413 . END STRENGTHS FOR MILITARY TECHNICIANS**  
2 **(DUAL STATUS).**

3 *The minimum number of military technicians (dual*  
4 *status) as of the last day of fiscal year 2019 for the reserve*  
5 *components of the Army and the Air Force (notwith-*  
6 *standing section 129 of title 10, United States Code) shall*  
7 *be the following:*

8 (1) *For the Army National Guard of the United*  
9 *States, 22,294.*

10 (2) *For the Army Reserve, 6,492.*

11 (3) *For the Air National Guard of the United*  
12 *States, 18,969.*

13 (4) *For the Air Force Reserve, 8,880.*

14 **SEC. 414 . MAXIMUM NUMBER OF RESERVE PERSONNEL AU-**  
15 **THORIZED TO BE ON ACTIVE DUTY FOR**  
16 **OPERATIONAL SUPPORT.**

17 *During fiscal year 2019, the maximum number of*  
18 *members of the reserve components of the Armed Forces who*  
19 *may be serving at any time on full-time operational sup-*  
20 *port duty under section 115(b) of title 10, United States*  
21 *Code, is the following:*

22 (1) *The Army National Guard of the United*  
23 *States, 17,000.*

24 (2) *The Army Reserve, 13,000.*

25 (3) *The Navy Reserve, 6,200.*

26 (4) *The Marine Corps Reserve, 3,000.*

1           (5) *The Air National Guard of the United*  
2           *States, 16,000.*

3           (6) *The Air Force Reserve, 14,000.*

4           ***Subtitle C—Authorization of***  
5           ***Appropriations***

6           ***SEC. 421 . MILITARY PERSONNEL.***

7           (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
8           *hereby authorized to be appropriated for fiscal year 2019*  
9           *for the use of the Armed Forces and other activities and*  
10          *agencies of the Department of Defense for expenses, not oth-*  
11          *erwise provided for, for military personnel, as specified in*  
12          *the funding table in section 4401.*

13          (b) *CONSTRUCTION OF AUTHORIZATION.—The author-*  
14          *ization of appropriations in subsection (a) supersedes any*  
15          *other authorization of appropriations (definite or indefi-*  
16          *nite) for such purpose for fiscal year 2019.*

1 **TITLE V—MILITARY PERSONNEL**  
2 **POLICY**  
3 **Subtitle A—Regular Component**  
4 **Management**

5 **SEC. 501. EXPANSION OF AUTHORITY TO AWARD CON-**  
6 **STRUCTIVE SERVICE CREDIT FOR ADVANCED**  
7 **EDUCATION, EXPERIENCE, OR TRAINING,**  
8 **UPON ORIGINAL APPOINTMENT AS A COMMIS-**  
9 **SIONED OFFICER.**

10 (a) *ACTIVE-DUTY LIST APPOINTMENTS.*—Section  
11 533(g) of title 10, United States Code, is amended—

12 (1) in paragraph (1)—

13 (A) in the matter preceding subparagraph

14 (A)—

15 (i) by striking “with cyberspace-related  
16 experience or advanced education” and in-  
17 serting “with advanced education, special  
18 experience, or special training in a des-  
19 ignated field”; and

20 (ii) by striking “critically”;

21 (B) in subparagraph (A)—

22 (i) by striking “in a particular cyber-  
23 space-related field” and inserting “in such  
24 designated field”; and

25 (ii) by striking “operational”; and

1                   (C) in subparagraph (B)—

2                   (i) by striking “in a cyberspace-related  
3                   field” and inserting “in such designated  
4                   field”; and

5                   (ii) by striking “operational”;

6                   (2) by striking paragraph (2) and inserting the  
7                   following:

8                   “(2) The amount of constructive service credited an of-  
9                   ficer under this subsection may not exceed the amount re-  
10                  quired for the officer to be eligible for an original appoint-  
11                  ment in the grade of—

12                  “(A) colonel in the Army, Air Force, or Marine  
13                  Corps; or

14                  “(B) captain in the Navy.”; and

15                  (3) by striking paragraph (4) and inserting the  
16                  following new paragraph:

17                  “(4) In this subsection, the term ‘designated field’ in-  
18                  cludes the following:

19                         “(A) Cyberspace.

20                         “(B) Any scientific or technical field designated  
21                         by the Secretary of Defense.

22                         “(C) Any other field designated by the Secretary  
23                         of Defense as a field—

24                                 “(i) that requires a high level of skill; and

1                   “(i) that an insufficient number of officers  
2                   possess in the military department concerned.”.

3           (b) *RESERVE ACTIVE-STATUS LIST APPOINTMENTS.*—

4   *Section 12207 of such title is amended—*

5           (1) *in subsection (a)(2), by striking “subsection*  
6           *(b) or (e)” and inserting “subsection (b), (e), or (g)”;*

7           (2) *in subsection (f), by striking “or (e)” and in-*  
8           *serting “(e), or (g)”;*

9           (3) *by redesignating subsection (g) as subsection*  
10          *(h); and*

11          (4) *by inserting after subsection (f) the following*  
12          *new subsection (g):*

13          “(g)(1) *Under regulations prescribed by the Secretary*  
14          *of Defense, if the Secretary of a military department deter-*  
15          *mines that the number of commissioned officers serving on*  
16          *the reserve active-status list in an armed force under the*  
17          *jurisdiction of such Secretary with advanced education, spe-*  
18          *cial experience, or special training in a designated field is*  
19          *below the number needed, such Secretary may credit any*  
20          *person receiving an original appointment with a period of*  
21          *constructive service for the following:*

22                  “(A) *Any period of advanced education in such*  
23                  *designated field beyond the baccalaureate degree level*  
24                  *if such advanced education is directly related to the*  
25                  *needs of the armed force concerned.*

1           “(B) *Special experience or special training in*  
2           *such designated field if such experience or training is*  
3           *directly related to the needs of the armed force con-*  
4           *cerned.*

5           “(2) *The amount of constructive service credited an of-*  
6           *ficer under this subsection may not exceed the amount re-*  
7           *quired for the officer to be eligible for an original appoint-*  
8           *ment in the grade of—*

9           “(A) *colonel in the Army, Air Force, or Marine*  
10          *Corps; or*

11          “(B) *captain in the Navy.*

12          “(3) *Constructive service credited an officer under this*  
13          *subsection is in addition to any service credited that officer*  
14          *under subsection (a) and shall be credited at the time of*  
15          *the original appointment of the officer.*

16          “(4) *In this subsection, the term ‘designated field’*  
17          *means any of the following:*

18                 “(A) *Cyberspace.*

19                 “(B) *Any scientific or technical field designated*  
20                 *by the Secretary of Defense.*

21                 “(C) *Any other field designated by the Secretary*  
22                 *of Defense as a field—*

23                         “(i) *that requires a high level of skill; and*

24                         “(ii) *that an insufficient number of officers*  
25                         *possess in the military department concerned.”.*



1 **SEC. 502. SURFACE WARFARE OFFICERS CAREER PATHS.**

2 (a) *IN GENERAL.*—Chapter 602 of title 10, United  
3 States Code, is amended by adding at the end the following  
4 new section:

5 **“§ 6933. Surface warfare officers: career paths**

6 “Any naval officer who is commissioned as a surface  
7 warfare officer on or after January 1, 2021, shall be as-  
8 signed to one of the following career paths:

9 “(1) Ship engineering systems.

10 “(2) Ship operations and combat systems.”.

11 (b) *CLERICAL AMENDMENT.*—The table of sections at  
12 the beginning of such chapter is amended by adding at the  
13 end the following new item:

“6933. Surface warfare officers: career paths.”.

14 **SEC. 503. AUTHORITY OF SELECTION BOARDS TO REC-**  
15 **COMMEND OFFICERS OF PARTICULAR MERIT**  
16 **BE PLACED AT THE TOP OF THE PROMOTION**  
17 **LIST.**

18 (a) *RECOMMENDATION BY SELECTION BOARD.*—Sec-  
19 tion 616 of title 10, United States Code, is amended by add-  
20 ing at the end the following new subsection (g):

21 “(g)(1) A selection board may recommend an officer  
22 of particular merit from among officers recommended for  
23 promotion under subsection (a) to be placed at the top of  
24 a promotion list established by the Secretary of the military  
25 department concerned under section 624(a)(1) of this title.

1       “(2) A selection board may make a recommendation  
2 under this subsection only if such recommendation is ap-  
3 propriate in the opinion of a majority of the members of  
4 the selection board.

5       “(3) A selection board may make recommendations  
6 under this subsection for no more than the number equal  
7 to 20 percent of the maximum number of officers that the  
8 board is authorized to recommend for promotion. If the  
9 number determined under this paragraph is less than one,  
10 the board may recommend one such officer.

11       “(4) A selection board that recommends under this sub-  
12 section that more than one officer be placed at the top of  
13 a promotion list shall recommend the order in which such  
14 officers should be promoted.”.

15       (b) ACTION BY SECRETARY CONCERNED ON REC-  
16 OMMENDATION OF SELECTION BOARD.—Section 618(a) of  
17 such title is amended—

18           (1) by striking “to law or regulation or to guide-  
19 lines” and inserting “to law, regulation, or guide-  
20 lines” each place it appears;

21           (2) by inserting “or, in the case of a rec-  
22 ommendation under section 616(g) of this title, the  
23 determination of the Secretary concerned” after “sec-  
24 tion 615(b) of this title” each place it appears; and

1           (3) *in paragraph (2), by striking “law, regula-*  
 2           *tion, and such guidelines” and inserting “law, regula-*  
 3           *tion, such guidelines, and the determination of the*  
 4           *Secretary concerned,”.*

5           (c) *PRIORITY IN PROMOTION LIST.*—Section 624(a)(1)  
 6 *of such title is amended by inserting “, subject to section*  
 7 *616(g) of this title” after “active-duty list”.*

8           **SEC. 504. DEFERRED DEPLOYMENT FOR MEMBERS WHO**  
 9   **GIVE BIRTH.**

10           Section 701 of title 10, United States Code, is amended  
 11 *by adding at the end the following new subsection:*

12           “(l) *A member of the armed forces who gives birth*  
 13 *while on active duty may not be deployed during the period*  
 14 *of 12 months beginning on the date of such birth except—*

15                                   “(1) *at the election of such member; and*

16                                   “(2) *with the approval of a health care provider*  
 17 *employed at a military medical treatment facility.”.*

18           **SEC. 505. CODIFICATION OF LOWERED GRADE FOR RE-**  
 19   **TIRED OFFICERS OR PERSONS WHO COM-**  
 20   **MITTED MISCONDUCT IN A LOWER GRADE.**

21           (a) *IN GENERAL.*—Subsection (b) of section 1370 of  
 22 *title 10, United States Code, is amended—*

23                                   (1) *in the heading, by striking “NEXT”;*

24                                   (2) *by striking “An” and inserting “(1) An”;*

25           *and*

1           (3) *by adding at the end the following new para-*  
2           *graph:*

3           “(2) *In the case of an officer or person whom the Sec-*  
4           *retary concerned determines committed misconduct in a*  
5           *lower grade, the Secretary concerned may determine the of-*  
6           *ficer or person has not served satisfactorily in any grade*  
7           *equal to or higher than that lower grade.”.*

8           (b) *CONFORMING AMENDMENTS.—Such section is*  
9           *amended—*

10           (1) *in subsection (a)(1)—*

11                   (A) *by striking “higher” and inserting “dif-*  
12                   *ferent”; and*

13                   (B) *by striking “except as provided in*  
14                   *paragraph (2)” and inserting “subject to para-*  
15                   *graph (2) and subsection (b)”;*

16           (2) *in subsection (c)(1), by striking “An officer”*  
17           *and inserting “Subject to subsection (b), an officer”;*  
18           *and*

19           (3) *in subsection (d)(1)—*

20                   (A) *by striking “higher” each place it ap-*  
21                   *pears and inserting “different”; and*

22                   (B) *by inserting “, subject to subsection*  
23                   *(b),” before “shall”.*

1 **SEC. 506. RETENTION OF MILITARY TECHNICIANS WHO**  
 2 **LOSE DUAL STATUS UNDER CERTAIN CIR-**  
 3 **CUMSTANCES.**

4 *Section 10216(g) of title 10, United States Code, is*  
 5 *amended—*

6 *(1) in paragraph (1), by striking “as the result*  
 7 *of a combat-related disability (as defined in section*  
 8 *1413a of this title), the person may be retained” and*  
 9 *inserting “for any reason other than a disqualifica-*  
 10 *tion described in subparagraph (B), the Secretary*  
 11 *shall appoint that person to a position under section*  
 12 *3101 of title 5, in accordance with section 2102(a) of*  
 13 *that title,”;*

14 *(2) in paragraph (1)(A), by striking “the com-*  
 15 *bat-related”;* and

16 *(3) by striking paragraph (3).*

17 **Subtitle B—Reserve Component**  
 18 **Management**

19 **SEC. 511. PLACEMENT OF NATIONAL GUARD MILITARY**  
 20 **TECHNICIANS (DUAL STATUS) IN THE COM-**  
 21 **PETITIVE SERVICE.**

22 *Section 10508 of title 10, United States Code, is*  
 23 *amended—*

24 *(1) in subsection (b)(1), by striking “sections*  
 25 *2103” and inserting “sections 2102”;* and

26 *(2) by adding at the end the following:*

1       “(c) *TREATMENT OF MILITARY TECHNICIAN (DUAL*  
2 *STATUS).*—

3               “(1) *PRIOR CONVERSIONS.*—*Not later than 30*  
4 *days after the date of enactment of this subsection, the*  
5 *Chief of the National Guard Bureau shall convert any*  
6 *military technician (dual status) occupying a posi-*  
7 *tion in the excepted service to a position in the com-*  
8 *petitive service. For purposes of this paragraph, the*  
9 *term ‘military technician (dual status)’ means any*  
10 *military technician (dual status) of the National*  
11 *Guard of any State, the Commonwealth of Puerto*  
12 *Rico, the District of Columbia, Guam, or the Virgin*  
13 *Islands who, before the date of enactment of this sub-*  
14 *section, was converted to a position in the excepted*  
15 *service by operation of this section and section 1053*  
16 *of the National Defense Authorization Act for Fiscal*  
17 *Year 2016 (Public Law 114–92; 129 Stat. 981; 10*  
18 *U.S.C. 10216 note).*

19               “(2) *FUTURE CONVERSIONS.*—*Any military tech-*  
20 *nician (dual status) of the National Guard of any*  
21 *State, the Commonwealth of Puerto Rico, the District*  
22 *of Columbia, Guam, or the Virgin Islands converted*  
23 *under this section and such section 1053 after the*  
24 *date of enactment of this subsection to a position*  
25 *filled by individuals who are employed under section*

1       3101 of title 5 shall be converted to a position in the  
 2       competitive service.

3               “(3) *DEFINITIONS.*—*In this subsection—*

4                       “(A) the term ‘competitive service’ has the  
 5                       meaning given that term in section 2102 of title  
 6                       5; and

7                       “(B) the term ‘excepted service’ has the  
 8                       meaning given that term in section 2103 of such  
 9                       title.”.

10 **SEC. 512. AUTHORIZED STRENGTH AND DISTRIBUTION IN**  
 11 **GRADE.**

12       (a) *STRENGTH AND GRADE AUTHORIZATIONS.*—*Sec-*  
 13 *tion 12011(a) of title 10, United States Code is amended*  
 14 *by striking those parts of the table pertaining to the Air*  
 15 *National Guard and inserting the following:*

“*Air National Guard:*

|                     | <i>Major</i> | <i>Lieutenant Colonel</i> | <i>Colonel</i> |
|---------------------|--------------|---------------------------|----------------|
| <i>10,000</i> ..... | <i>763</i>   | <i>745</i>                | <i>333</i>     |
| <i>12,000</i> ..... | <i>915</i>   | <i>923</i>                | <i>377</i>     |
| <i>14,000</i> ..... | <i>1,065</i> | <i>1,057</i>              | <i>402</i>     |
| <i>16,000</i> ..... | <i>1,211</i> | <i>1,185</i>              | <i>426</i>     |
| <i>18,000</i> ..... | <i>1,347</i> | <i>1,313</i>              | <i>450</i>     |
| <i>20,000</i> ..... | <i>1,463</i> | <i>1,440</i>              | <i>468</i>     |
| <i>22,000</i> ..... | <i>1,606</i> | <i>1,569</i>              | <i>494</i>     |
| <i>24,000</i> ..... | <i>1,739</i> | <i>1,697</i>              | <i>517</i>     |
| <i>26,000</i> ..... | <i>1,872</i> | <i>1,825</i>              | <i>539</i>     |
| <i>28,000</i> ..... | <i>2,005</i> | <i>1,954</i>              | <i>562</i>     |
| <i>30,000</i> ..... | <i>2,138</i> | <i>2,082</i>              | <i>585</i>     |
| <i>32,000</i> ..... | <i>2,271</i> | <i>2,210</i>              | <i>608</i>     |
| <i>34,000</i> ..... | <i>2,404</i> | <i>2,338</i>              | <i>630</i>     |
| <i>36,000</i> ..... | <i>2,537</i> | <i>2,466</i>              | <i>653</i>     |
| <i>38,000</i> ..... | <i>2,670</i> | <i>2,595</i>              | <i>676</i>     |
| <i>40,000</i> ..... | <i>2,803</i> | <i>2,723</i>              | <i>698</i> ”.  |

1           (b) *STRENGTH AND GRADE AUTHORIZATIONS.*—*Sec-*  
 2 *tion 12012(a) of title 10, United States Code is amended*  
 3 *by striking those parts of the table pertaining to the Air*  
 4 *National Guard and inserting the following:*

“*Air National Guard:*

|                     | <i>E-8</i>   | <i>E-9</i>      |
|---------------------|--------------|-----------------|
| <i>10,000</i> ..... | <i>1,350</i> | <i>550</i>      |
| <i>12,000</i> ..... | <i>1,466</i> | <i>594</i>      |
| <i>14,000</i> ..... | <i>1,582</i> | <i>636</i>      |
| <i>16,000</i> ..... | <i>1,698</i> | <i>676</i>      |
| <i>18,000</i> ..... | <i>1,814</i> | <i>714</i>      |
| <i>20,000</i> ..... | <i>1,930</i> | <i>752</i>      |
| <i>22,000</i> ..... | <i>2,046</i> | <i>790</i>      |
| <i>24,000</i> ..... | <i>2,162</i> | <i>828</i>      |
| <i>26,000</i> ..... | <i>2,278</i> | <i>866</i>      |
| <i>28,000</i> ..... | <i>2,394</i> | <i>904</i>      |
| <i>30,000</i> ..... | <i>2,510</i> | <i>942</i>      |
| <i>32,000</i> ..... | <i>2,626</i> | <i>980</i>      |
| <i>34,000</i> ..... | <i>2,742</i> | <i>1,018</i>    |
| <i>36,000</i> ..... | <i>2,858</i> | <i>1,056</i>    |
| <i>38,000</i> ..... | <i>2,974</i> | <i>1,094</i>    |
| <i>40,000</i> ..... | <i>3,090</i> | <i>1,132</i> ”. |

5 **SEC. 513. NATIONAL GUARD PROMOTION ACCOUNTABILITY.**

6           (a) *SHORT TITLE.*—*This section may be cited as the*  
 7 *“National Guard Promotion Accountability Act”.*

8           (b) *DATE OF RANK OF COMMISSIONED NATIONAL*  
 9 *GUARD OFFICERS PROMOTED TO A HIGHER GRADE.*—

10                   (1) *IN GENERAL.*—*Section 14308(f) of title 10,*  
 11 *United States Code, is amended—*

12                           (A) *by inserting “(1)” before “The effective*  
 13 *date”;*

14                           (B) *in paragraph (1), as designated by sub-*  
 15 *paragraph (A) of this paragraph, by striking*  
 16 *“on which such Federal recognition in that grade*



1           *is so extended” and inserting “of the approval of*  
2           *the promotion of the officer to that grade by the*  
3           *State concerned”;* and

4                   *(C) by adding at the end the following new*  
5           *paragraph:*

6           “(2)(A) *Notwithstanding subsection (c)(1), the date of*  
7           *rank in a higher grade of an officer whose effective date*  
8           *of promotion to such grade is governed by paragraph (1)*  
9           *shall be such effective date of promotion.*

10           “(B) *The specification of the date of rank of an officer*  
11           *in a grade pursuant to subparagraph (A) shall be deemed*  
12           *an adjustment of the date of rank of the officer to that grade*  
13           *in the manner of section 741(d)(4) of this title, pursuant*  
14           *to subsection (c)(2), to which section 741(d)(4)(C) of this*  
15           *title shall apply, notwithstanding subsection (c)(3).”.*

16                   (2) *EFFECTIVE DATE.—The amendments made*  
17           *by paragraph (1) shall take effect on the date of the*  
18           *enactment of this Act, and shall apply with respect to*  
19           *National Guard officers whose promotion to a grade*  
20           *is approved by a State after that date.*

21           (c) *NOTICE TO CONGRESS ON DELAY IN PUBLICATION*  
22           *OF SCROLLS INDICATING PROMOTION OF COMMISSIONED*  
23           *NATIONAL GUARD OFFICERS.—*

24                   (1) *NOTICE REQUIRED.—If at the end of the 200-*  
25           *day period beginning on the receipt by the Depart-*

1 *ment of the Army or the Department of the Air Force*  
2 *of a scroll indicating the promotion of commissioned*  
3 *officers in the Army National Guard or Air National*  
4 *Guard, as applicable, the scroll has not been pub-*  
5 *lished by the military department concerned, the Sec-*  
6 *retary of the Army or the Secretary of the Air Force,*  
7 *as the case may be, shall immediately notify the con-*  
8 *gressional defense committees, in writing, of the fol-*  
9 *lowing:*

10 (A) *The date on which the scroll was so re-*  
11 *ceived.*

12 (B) *A description of the processing of the*  
13 *scroll by the military department concerned as of*  
14 *the date of the report, including a statement of*  
15 *the length of time in processing at each stage in*  
16 *the process through that date.*

17 (C) *The reason why the scroll was not pub-*  
18 *lished within 200 days of receipt, and the in-*  
19 *tended remediation for the delay in publication.*

20 (2) *DEFINITIONS.—In this subsection:*

21 (A) *The term “congressional defense com-*  
22 *mittees” has the meaning given such term in sec-*  
23 *tion 101(a)(16) of title 10, United States Code.*

24 (B) *The term “scroll” has the meaning*  
25 *given that term in Department of Defense In-*

1           *struction 1310.02, and any successor instruction*  
2           *or document.*

3   **SEC. 514. EXTENSION OF AUTHORITY FOR PILOT PROGRAM**  
4           **ON USE OF RETIRED SENIOR ENLISTED MEM-**  
5           **BERS OF THE ARMY NATIONAL GUARD AS**  
6           **ARMY NATIONAL GUARD RECRUITERS.**

7           *Section 514 of the National Defense Authorization Act*  
8   *for Fiscal Year 2018 (Public Law 115-91) is amended—*

9           (1) *in subsection (d), by striking “2020” and in-*  
10          *serting “2021”; and*

11          (2) *in subsection (f), by striking “2019” and in-*  
12          *serting “2020”.*

13   **Subtitle C—General Service Au-**  
14          **thorities and Correction of Mili-**  
15          **tary Records**

16   **SEC. 521. ENLISTMENTS VITAL TO THE NATIONAL INTER-**  
17          **EST.**

18          (a) *IN GENERAL.—Section 504(b) of title 10, United*  
19          *States Code, is amended—*

20               (1) *in paragraph (2)—*

21                       (A) *by inserting “and subject to paragraph*  
22                       *(3),” after “Notwithstanding paragraph (1),”;*

23                       (B) *by striking “enlistment is vital to the*  
24                       *national interest.” and inserting “person pos-*  
25                       *sesses a skill or expertise—”;* and

1           (C) by adding at the end the following new  
2           subparagraphs:

3           “(A) that is vital to the national interest; and

4           “(B) that the person will use in daily duties as  
5           a member of the armed forces.”; and

6           (2) by adding at the end the following new para-  
7           graph (3):

8           “(3)(A) No person who enlists under paragraph (2)  
9           may report to initial training until after the Secretary con-  
10          cerned has completed all required background investigations  
11          and security and suitability screening as determined by the  
12          Secretary of Defense regarding that person.

13          “(B) A Secretary concerned may not authorize more  
14          than 1,000 enlistments under paragraph (2) per military  
15          department in a calendar year until after—

16                 “(i) the Secretary of Defense submits to Congress  
17                 written notice of the intent of that Secretary con-  
18                 cerned to authorize more than 1,000 such enlistments  
19                 in a calendar year; and

20                 “(ii) a period of 30 days has elapsed after the  
21                 date on which Congress receives the notice.”.

22          (b) REPORT.—

23                 (1) IN GENERAL.—Not later than December 31,  
24                 2019, and annually thereafter for each of the subse-  
25                 quent four years, the Secretary concerned shall submit

1       *a report to the Committees on Armed Services and the*  
2       *Judiciary of the Senate and the House of Representa-*  
3       *tives regarding persons who enter into enlistment con-*  
4       *tracts under section 504(b)(2) of title 10, United*  
5       *States Code, as amended by subsection (a).*

6               (2) *ELEMENTS.*—*Each report under this sub-*  
7       *section shall include the following:*

8                       (A) *The number of such persons who have*  
9                       *entered into such contracts during the preceding*  
10                      *calendar year.*

11                     (B) *How many such persons have success-*  
12                     *fully completed background investigations and*  
13                     *vetting procedures.*

14                     (C) *How many such persons have begun*  
15                     *initial training.*

16                     (D) *The skills that are vital to the national*  
17                     *interest that such persons possess.*

18       **SEC. 522. STATEMENT OF BENEFITS.**

19               (a) *IN GENERAL.*—*Chapter 58 of title 10, United*  
20       *States Code, is amended by adding at the end the following*  
21       *new section:*

22       **“§ 1155. Statement of benefits**

23               “(a) *BEFORE SEPARATION.*—*Not later than 30 days*  
24       *before a member retires, is released, is discharged, or other-*  
25       *wise separates from the armed forces (or as soon as is prac-*

1 *licable in the case of an unanticipated separation), the Sec-*  
 2 *retary concerned shall provide that member with a current*  
 3 *assessment of all benefits to which that member is entitled*  
 4 *under laws administered by—*

5 *“(1) the Secretary of Defense; and*

6 *“(2) the Secretary of Veterans Affairs.*

7 *“(b) ANNUAL STATEMENT FOR RESERVES.—Not less*  
 8 *than once each year, the Secretary concerned shall provide*  
 9 *each member of a reserve component with a current assess-*  
 10 *ment of benefits described in subsection (a).”.*

11 *(b) CLERICAL AMENDMENT.—The table of sections at*  
 12 *the beginning of such chapter is amended by inserting after*  
 13 *the item relating to section 1154 the following new item:*  
*“1155. Statement of benefits.”.*

14 **SEC. 523. MODIFICATION TO FORMS OF SUPPORT THAT MAY**  
 15 **BE ACCEPTED IN SUPPORT OF THE MISSION**  
 16 **OF THE DEFENSE POW/MIA ACCOUNTING**  
 17 **AGENCY.**

18 *(a) PUBLIC-PRIVATE PARTNERSHIPS.—Subsection (a)*  
 19 *of section 1501a of title 10, United States Code, is amended*  
 20 *by adding at the end the following new sentence: “An em-*  
 21 *ployee of an entity outside the Government that has entered*  
 22 *into a public-private partnership, cooperative agreement, or*  
 23 *a grant arrangement with, or in direct support of, the des-*  
 24 *ignated Defense Agency under this section shall be consid-*  
 25 *ered to be an employee of the Federal Government by reason*

1 of participation in such partnership, cooperative agree-  
 2 ment, or grant, only for the purposes of section 552a of title  
 3 5 (relating to maintenance of records on individuals).”.

4 (b) *AUTHORITY TO ACCEPT GIFTS IN SUPPORT OF*  
 5 *MISSION TO ACCOUNT FOR MISSING PERSONS FROM PAST*  
 6 *CONFLICTS.*—Such section is further amended—

7 (1) by redesignating subsections (e) and (f) as  
 8 subsections (f) and (g), respectively;

9 (2) by inserting after subsection (d) the following  
 10 new subsection (e):

11 “(e) *ACCEPTANCE OF GIFTS.*—

12 “(1) *AUTHORITY TO ACCEPT.*—Subject to sub-  
 13 section (f)(2), the Secretary may accept, hold, admin-  
 14 ister, spend, and use any gift of personal property,  
 15 money, or services made on the condition that the gift  
 16 be used for the purpose of facilitating accounting for  
 17 missing persons pursuant to section 1501(a)(2)(C) of  
 18 this title.

19 “(2) *GIFT FUNDS.*—Gifts and bequests of money  
 20 accepted under this subsection shall be deposited in  
 21 the Treasury in the Department of Defense General  
 22 Gift Fund.

23 “(3) *USE OF GIFTS.*—Personal property and  
 24 money accepted under this subsection may be used by  
 25 the Secretary, and services accepted under this sub-

1        *section may be performed, without further specific au-*  
2        *thorization in law.*

3            *“(4) EXPENSES OF TRANSFER.—The Secretary*  
4        *may pay all necessary expenses in connection with*  
5        *the conveyance or transfer of a gift accepted under*  
6        *this subsection.*

7            *“(5) EXPENSES OF CARE.—The Secretary may*  
8        *pay all reasonable and necessary expenses in connec-*  
9        *tion with the care of a gift accepted under this sub-*  
10       *section.”; and*

11           *(3) by adding at the end of subsection (g), as re-*  
12        *designated by paragraph (1) of this subsection, the*  
13        *following new paragraph:*

14           *“(3) GIFT.—The term ‘gift’ includes a devise or*  
15        *bequest.”.*

16        *(c) CONFORMING AMENDMENT.—Subsection (a) of such*  
17        *section is further amended by striking “subsection (e)(1)”*  
18        *and inserting “subsection (f)(1)”.*

19        **SEC. 524. CORRECTION OF MILITARY RECORDS WEBSITE.**

20        *(a) IN GENERAL.—Section 1552(a)(5) of title 10,*  
21        *United States Code, is amended by striking the second sen-*  
22        *tence and inserting the following: “The Secretary shall also*  
23        *publish on such website a summary of each such decision,*  
24        *indexed by subject matter. The Secretary shall redact all*



1 *personally identifiable information from any such decision*  
2 *and summary.”*

3 (b) *EFFECTIVE DATE.*—*The amendments made by this*  
4 *section shall take effect on October 1, 2019.*

5 **SEC. 525. MODIFICATION OF DD FORM 214 TO INCLUDE**  
6 **EMAIL ADDRESSES.**

7 (a) *IN GENERAL.*—*The Secretary of Defense shall mod-*  
8 *ify the Certificate of Release or Discharge from Active Duty*  
9 *(DD Form 214) by adding an entry block in which a mem-*  
10 *ber of the Armed Forces may provide one or more email*  
11 *addresses at which the member may be contacted after sepa-*  
12 *ration from active duty in the Armed Forces.*

13 (b) *DEADLINE.*—*The Secretary shall carry out sub-*  
14 *section (a) not later than one year after the date of the en-*  
15 *actment of this Act.*

16 **SEC. 526. PUBLIC AVAILABILITY OF REPORTS RELATED TO**  
17 **SENIOR LEADER MISCONDUCT.**

18 (a) *ESTABLISHMENT OF WEBSITE.*—*The Secretary of*  
19 *Defense and each Secretary of a military department shall*  
20 *make available on a public website of the Department of*  
21 *Defense all reports on substantiated investigations of mis-*  
22 *conduct completed by the Inspectors General of the Depart-*  
23 *ment and each military department regarding—*

24 (1) *an officer in the grade of O-7 or higher;*

1           (2) *an officer selected for promotion to grade O-*  
2       7; *or*

3           (3) *a civilian member of the Senior Executive*  
4       *Service.*

5       (b) *PUBLISHED REPORTS.*—*Each report under sub-*  
6       *section (a) shall be—*

7           (1) *properly redacted;*

8           (2) *segregated from documents regarding ongoing*  
9       *investigations (including announcements);*

10          (3) *labelled with the name of subject of the inves-*  
11       *tigation; and*

12          (4) *searchable by the name of subject of the in-*  
13       *vestigation.*

14       (c) *DEADLINE.*—*The Secretary shall carry out this sec-*  
15       *tion not later than 90 days after the enactment of this Act.*

16       **SEC. 527. APPOINTMENT AND TRAINING OF PERSONNEL TO**  
17                               **STAFF THE BOARD OF CORRECTIONS FOR**  
18                               **MILITARY AND NAVAL RECORDS.**

19       (a) *IN GENERAL.*—*The Secretary of Defense, in con-*  
20       *sultation with the Service Secretaries and Joint Chiefs,*  
21       *shall provide for the appointment and training of qualified*  
22       *personnel to join the staff of the Boards of Corrections for*  
23       *Military and Naval Records.*

24       (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
25       *authorized to be appropriated for the Department of Defense*

1 a total of \$3,000,000.00, in order to carry out the training  
 2 required by subsection (a) and to provide related equipment  
 3 and accommodations.

#### 4 ***Subtitle D—Military Justice***

##### 5 ***SEC. 531. MINIMUM CONFINEMENT PERIOD REQUIRED FOR*** 6 ***CONVICTION OF CERTAIN SEX-RELATED OF-*** 7 ***FENSES COMMITTED BY MEMBERS OF THE*** 8 ***ARMED FORCES.***

9 *Section 856(b)(1) of title 10, United States Code (arti-*  
 10 *cle 56(b)(1) of the Uniform Code of Military Justice), is*  
 11 *amended by striking “such punishment must include, at a*  
 12 *minimum, dismissal or dishonorable discharge, except as*  
 13 *provided for in section 860 of this title (article 60)” and*  
 14 *inserting “except as provided for in section 860 of this title*  
 15 *(article 60), such punishment must include, at a min-*  
 16 *imum—”*

17 *“(A) dismissal or dishonorable discharge; and*

18 *“(B) confinement for two years.”.*

##### 19 ***SEC. 532. PUNITIVE ARTICLE IN THE UNIFORM CODE OF*** 20 ***MILITARY JUSTICE ON DOMESTIC VIOLENCE.***

21 *(a) IN GENERAL.—Subchapter X of chapter 47 of title*  
 22 *10, United States Code (the Uniform Code of Military Jus-*  
 23 *tice), is amended by inserting after the item relating to sec-*  
 24 *tion 928 (article 128) the following new section (article):*

1 **“§ 928a. Art 128a. Domestic violence**

2       “(a) *DOMESTIC VIOLENCE.*—Any person subject to this  
3 chapter who, unlawfully and with force or violence, at-  
4 tempts, offers to, or does intimidate, manipulate, humiliate,  
5 isolate, frighten, terrorize, coerce, threaten, blame, hurt, in-  
6 jure, or wound another person of whom the person is an  
7 intimate partner is guilty of domestic violence and shall  
8 be punished as a court-martial may direct.

9       “(b) *AGGRAVATED DOMESTIC VIOLENCE.*—Any person  
10 subject to this chapter who, in committing domestic vio-  
11 lence, uses a weapon, means, or force in a manner likely  
12 to produce death or grievous bodily harm is guilty of aggra-  
13 vated domestic violence and shall be punished as a court-  
14 martial may direct.”.

15       (b) *CLERICAL AMENDMENT.*—The table of sections at  
16 the beginning of subchapter X of chapter 47 of such title  
17 is amended by inserting after the item relating to section  
18 928 (article 128) the following new item:

“928a. 128a. Domestic violence.”.

19 **SEC. 533. DEFENSE ADVISORY COMMITTEE ON INVESTIGA-**  
20 **TION, PROSECUTION, AND DEFENSE OF SEX-**  
21 **UAL ASSAULT IN THE ARMED FORCES.**

22       Section 546(c)(2) of the Carl Levin and Howard P.  
23 “Buck” McKeon National Defense Authorization Act for  
24 Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 1561  
25 note) is amended by adding at the end the following new

1 sentence: “After a majority vote by the Advisory Committee  
2 and upon request of the Chair of the Advisory Committee,  
3 the Secretary of Defense shall provide to the Advisory Com-  
4 mittee information the Secretary determines is relevant to  
5 the scope and mission of the Advisory Committee under this  
6 section.”.

7 **SEC. 534. MODIFICATION OF MILITARY RULES OF EVIDENCE**  
8 **TO EXCLUDE ADMISSIBILITY OF GENERAL**  
9 **MILITARY CHARACTER TOWARD PROBABILITY**  
10 **OF INNOCENCE IN ANY OFFENSE NOT**  
11 **STRICTLY RELATED TO PERFORMANCE OF**  
12 **MILITARY DUTIES.**

13 (a) *IN GENERAL.*—Not later than 180 days after the  
14 date of the enactment of this Act, Rule 404(a) of the Mili-  
15 tary Rules of Evidence shall be amended to provide that  
16 the general military character of an accused is not admis-  
17 sible for the purpose of showing the probability of innocence  
18 of the accused for any offense under chapter 47 of title 10,  
19 United States Code (the Uniform Code of Military Justice),  
20 unless such offense is strictly and solely related to the per-  
21 formance of military duties.

22 (b) *SPECIFICATION OF OFFENSES FOR WHICH ADMIS-*  
23 *SIBILITY ALLOWED.*—

24 (1) *IN GENERAL.*—Each Secretary concerned  
25 shall specify, and may from time to time modify, the

1        *offenses under chapter 47 of title 10, United States*  
2        *Code, for which the military character of members of*  
3        *the Armed Forces under the jurisdiction of such Sec-*  
4        *retary is admissible pursuant to subsection (a) as a*  
5        *result of such offense being strictly and solely related*  
6        *to the performance of military duties.*

7            (2) *APPROVAL OF PRESIDENT REQUIRED.—The*  
8        *specification of an offense pursuant to paragraph (1),*  
9        *and any modification of such specification, shall not*  
10       *be effective unless approved by the President.*

11           (3) *SECRETARY CONCERNED DEFINED.—In this*  
12       *subsection, the term “Secretary concerned” has the*  
13       *meaning given that term in section 101(a)(9) of title*  
14       *10, United States Code.*

15       **SEC. 535. IMPROVED CRIME REPORTING.**

16           (a) *IN GENERAL.—The Secretary of Defense, in con-*  
17       *sultation with the secretaries of the military departments,*  
18       *shall establish a consolidated tracking process for the entire*  
19       *Department of Defense to ensure increased oversight of the*  
20       *timely submission of crime reporting data to the Federal*  
21       *Bureau of Investigation under section 922(g) of title 18,*  
22       *United States Code, and Department of Defense Instruction*  
23       *5505.11, “Fingerprint Card and Final Disposition Report*  
24       *Submission Requirements”. The tracking process shall, to*  
25       *the maximum extent possible, standardize and automate re-*

1 *porting and increase the ability of the Department to track*  
2 *such submissions.*

3 *(b) REPORT REQUIRED.—Not later than July 1, 2019,*  
4 *the Secretary of Defense shall submit a report to the Com-*  
5 *mittees on Armed Services of the Senate and House of Rep-*  
6 *resentatives that details the tracking process.*

7 **SEC. 536. OVERSIGHT OF REGISTERED SEX OFFENDER MAN-**  
8 **AGEMENT PROGRAM.**

9 *(a) DESIGNATION OF OFFICIAL OR ENTITY.—The Sec-*  
10 *retary of Defense shall designate a single official or entity*  
11 *within the Office of the Secretary of Defense to serve as the*  
12 *official or entity (as the case may be) with principal re-*  
13 *sponsibility in the Department of Defense for providing*  
14 *oversight of the registered sex offender management pro-*  
15 *gram of the Department.*

16 *(b) DUTIES.—The official or entity designated under*  
17 *subsection (a) shall—*

18 *(1) monitor compliance with Department of De-*  
19 *fense Instruction 5525.20 and other relevant polices;*

20 *(2) compile data on members serving in the mili-*  
21 *tary departments who have been convicted of a quali-*  
22 *fying sex offense, including data on the sex offender*  
23 *registration status of each such member;*

24 *(3) maintain statistics on the total number of*  
25 *active duty service members in each military depart-*

1        *ment who are required to register as sex offenders;*  
2        *and*

3            *(4) perform such other duties as the Secretary of*  
4        *Defense determines to be appropriate.*

5        *(c) BRIEFING REQUIRED.—Not later than June 1,*  
6        *2019, the Secretary of Defense shall provide to the Com-*  
7        *mittee on Armed Services of the House of Representatives*  
8        *a briefing on—*

9            *(1) the compliance of the military departments*  
10        *with the policies of the Department of Defense relat-*  
11        *ing to registered sex offenders;*

12            *(2) the results of the data compilation described*  
13        *in subsection (b)(2); and*

14            *(3) any other matters the Secretary determines*  
15        *to be appropriate.*

16        *(d) MILITARY DEPARTMENTS DEFINED.—In this sec-*  
17        *tion, the term “military departments” has the meaning*  
18        *given that term in section 101(a)(8) of title 10, United*  
19        *States Code.*

## 20        ***Subtitle E—Other Legal Matters***

### 21        ***SEC. 541. SECURITY CLEARANCE REINVESTIGATION OF*** 22                    ***CERTAIN PERSONNEL WHO COMMIT CERTAIN*** 23                    ***OFFENSES.***

24        *Section 1564 of title 10, United States Code, is amend-*  
25        *ed—*



1           (1) by redesignating subsections (c), (d), (e), and  
2           (f) as subsection (d), (e), (f), and (g), respectively;  
3           and

4           (2) by inserting after subsection (b) the following  
5           new subsection (c):

6           “(c) *REINVESTIGATION OF CERTAIN INDIVIDUALS.*—

7           (1) *The Secretary of Defense shall conduct an investigation*  
8           *under subsection (a) of any individual described in para-*  
9           *graph (2) upon—*

10           “(A) *conviction of that individual by a court of*  
11           *competent jurisdiction for—*

12           “(i) *sexual assault;*

13           “(ii) *sexual harassment;*

14           “(iii) *fraud against the United States; or*

15           “(iv) *any other violation that the Secretary*  
16           *determines renders that individual susceptible to*  
17           *blackmail or raises serious concern regarding the*  
18           *ability of that individual to hold a security*  
19           *clearance; or*

20           “(B) *determination by a commanding officer*  
21           *that the individual has committed an offense de-*  
22           *scribed in subparagraph (A).*

23           “(2) *An individual described in this paragraph has*  
24           *a security clearance and is—*

25           “(A) *a flag officer;*

1           “(B) a general officer; or

2           “(C) an employee of the Department of Defense  
3           in the Senior Executive Service.

4           “(3) The Secretary shall conduct an investigation  
5           under this subsection of an individual described in para-  
6           graph (2) regardless of whether that individual has retired  
7           or resigned, is discharged or released, or otherwise separated  
8           from the armed forces or Department of Defense.

9           “(4) In this subsection:

10           “(A) The term ‘sexual assault’ includes rape, sex-  
11           ual assault, forcible sodomy, aggravated sexual con-  
12           tact, abusive sexual contact, and attempts to commit  
13           such offenses, as those terms are defined in the Uni-  
14           form Code of Military Justice.

15           “(B) The term ‘sexual harassment’ has the mean-  
16           ing given that term in section 1561 of this title.

17           “(C) The term ‘fraud against the United States’  
18           means a violation of section 932 of this title (Article  
19           132 of the Uniform Code of Military Justice).”.

1 **SEC. 542. CONSIDERATION OF APPLICATION FOR TRANS-**  
2 **FER FOR A STUDENT OF A MILITARY SERVICE**  
3 **ACADEMY WHO IS THE VICTIM OF A SEXUAL**  
4 **ASSAULT OR RELATED OFFENSE.**

5 (a) *MILITARY ACADEMY.*—Section 4361 of title 10,  
6 *United States Code*, is amended by adding at the end the  
7 following new subsection (e):

8 “(e) *CONSIDERATION OF APPLICATION FOR TRANSFER*  
9 *FOR A CADET WHO IS THE VICTIM OF A SEXUAL ASSAULT*  
10 *OR RELATED OFFENSE.*—(1) *The Secretary of the Army*  
11 *shall provide for timely determination and action on an*  
12 *application for consideration of a transfer to another mili-*  
13 *tary service academy submitted by a cadet who was a vic-*  
14 *tim of a sexual assault or other offense covered by section*  
15 *920, 920a, or 920c of this title (article 120, 120a, or 120c*  
16 *of the Uniform Code of Military Justice) so as to reduce*  
17 *the possibility of retaliation against the cadet for reporting*  
18 *the sexual assault or other offense.*

19 “(2) *The Secretary of the Army shall prescribe regula-*  
20 *tions to carry out this subsection, within guidelines pro-*  
21 *vided by the Secretary of Defense that direct the Super-*  
22 *intendent of the Military Academy, in coordination with*  
23 *the Superintendent of the military service academy to*  
24 *which the cadet wishes to transfer, to approve or deny an*  
25 *application under this subsection not later than 72 hours*  
26 *after the submission of the application. If the Super-*

1 *intendent denies such an application, the cadet may request*  
2 *review of the denial by the Secretary of the Army, who shall*  
3 *grant or deny review not later than 72 hours after submis-*  
4 *sion of the request for review.”.*

5 *(b) NAVAL ACADEMY.—Section 6980 of title 10, United*  
6 *States Code, is amended by adding at the end the following*  
7 *new subsection (e):*

8 *“(e) CONSIDERATION OF APPLICATION FOR TRANSFER*  
9 *FOR A MIDSHIPMAN WHO IS THE VICTIM OF A SEXUAL AS-*  
10 *SAULT OR RELATED OFFENSE.—(1) The Secretary of the*  
11 *Navy shall provide for timely determination and action on*  
12 *an application for consideration of a transfer to another*  
13 *military service academy submitted by a midshipman who*  
14 *was a victim of a sexual assault or other offense covered*  
15 *by section 920, 920a, or 920c of this title (article 120, 120a,*  
16 *or 120c of the Uniform Code of Military Justice) so as to*  
17 *reduce the possibility of retaliation against the midshipman*  
18 *for reporting the sexual assault or other offense.*

19 *“(2) The Secretary of the Navy shall prescribe regula-*  
20 *tions to carry out this subsection, within guidelines pro-*  
21 *vided by the Secretary of Defense that direct the Super-*  
22 *intendent of the Naval Academy, in coordination with the*  
23 *Superintendent of the military service academy to which*  
24 *the midshipman wishes to transfer, to approve or deny an*  
25 *application under this subsection not later than 72 hours*

1 *after the submission of the application. If the Super-*  
2 *intendent denies such an application, the midshipman may*  
3 *request review of the denial by the Secretary of the Navy,*  
4 *who shall grant or deny review not later than 72 hours after*  
5 *submission of the request for review.”.*

6       (c) *AIR FORCE ACADEMY.*—Section 9361 of title 10,  
7 *United States Code, is amended by adding at the end the*  
8 *following new subsection (e):*

9       “(e) *CONSIDERATION OF APPLICATION FOR TRANSFER*  
10 *FOR A CADET WHO IS THE VICTIM OF A SEXUAL ASSAULT*  
11 *OR RELATED OFFENSE.*—(1) *The Secretary of the Air Force*  
12 *shall provide for timely determination and action on an*  
13 *application for consideration of a transfer to another mili-*  
14 *tary service academy submitted by a cadet who was a vic-*  
15 *tim of a sexual assault or other offense covered by section*  
16 *920, 920a, or 920c of this title (article 120, 120a, or 120c*  
17 *of the Uniform Code of Military Justice) so as to reduce*  
18 *the possibility of retaliation against the cadet for reporting*  
19 *the sexual assault or other offense.*

20       “(2) *The Secretary of the Air Force shall prescribe reg-*  
21 *ulations to carry out this subsection, within guidelines pro-*  
22 *vided by the Secretary of Defense that direct the Super-*  
23 *intendent of the Air Force Academy, in coordination with*  
24 *the Superintendent of the military service academy to*  
25 *which the cadet wishes to transfer, to approve or deny an*

1 *application under this subsection not later than 72 hours*  
2 *after the submission of the application. If the Super-*  
3 *intendent denies such an application, the cadet may request*  
4 *review of the denial by the Secretary of the Air Force, who*  
5 *shall grant or deny review not later than 72 hours after*  
6 *submission of the request for review.”.*

7 **SEC. 543. STANDARDIZATION OF POLICIES RELATED TO EX-**  
8 **PEDITED TRANSFER IN CASES OF SEXUAL AS-**  
9 **SAULT.**

10 (a) *POLICIES FOR MEMBERS.—The Secretary of De-*  
11 *fense shall modify all policies related to the expedited trans-*  
12 *fer of a member of the Army, Navy, Air Force, or Marine*  
13 *Corps who is the victim of sexual assault (regardless of*  
14 *whether the case is handled under the Sexual Assault Pre-*  
15 *vention and Response Program or Family Advocacy Pro-*  
16 *gram) that the Secretary determines necessary to establish*  
17 *a standardized expedited transfer process for such members,*  
18 *consistent with section 673 of title 10, United States Code.*

19 (b) *POLICIES FOR DEPENDENTS OF MEMBERS.—The*  
20 *Secretary of Defense shall establish a policy to allow the*  
21 *transfer of a member of the Army, Navy, Air Force, or Ma-*  
22 *rine Corps whose dependent is the victim of sexual assault*  
23 *perpetrated by a member of the Armed Forces who is not*  
24 *related to the victim.*

1 **SEC. 544. DEVELOPMENT OF OVERSIGHT PLAN FOR IMPLE-**  
2 **MENTATION OF DEPARTMENT OF DEFENSE**  
3 **HARASSMENT PREVENTION AND RESPONSE**  
4 **POLICY.**

5 (a) *DEVELOPMENT.*—*The Secretary of Defense shall*  
6 *develop a plan for overseeing the implementation of the in-*  
7 *struction titled “Harassment Prevention and Response in*  
8 *the Armed Forces”, published on February 8, 2018 (DODI-*  
9 *1020.03).*

10 (b) *ELEMENTS.*—*The plan under subsection (a) shall*  
11 *require the military services and other components of the*  
12 *Department of Defense to take steps by certain dates to im-*  
13 *plement harassment prevention and response programs*  
14 *under such instruction, including no less than the following:*

15 (1) *Submitting implementation plans to the Di-*  
16 *rector, Force Resiliency.*

17 (2) *Incorporating results-oriented performance*  
18 *measures that assess the effectiveness of harassment*  
19 *prevention and response programs.*

20 (3) *Adopting compliance standards for pro-*  
21 *moting, supporting, and enforcing policies, plans, and*  
22 *programs.*

23 (4) *Tracking, collecting, and reporting data and*  
24 *information on sexual harassment incidents based on*  
25 *standards established by the Secretary.*

1           (5) *Instituting anonymous complaint mecha-*  
2           *nisms.*

3           (c) *REPORT.*—*Not later than July 1, 2019, the Sec-*  
4           *retary shall submit to the Committees on Armed Services*  
5           *of the Senate and the House of Representatives a report on*  
6           *the oversight plan developed under this section. The report*  
7           *shall include, for each military service and component of*  
8           *the Department of Defense, the implementation status of*  
9           *each element of the oversight plan.*

10 **SEC. 545. DEVELOPMENT OF RESOURCE GUIDES REGARD-**  
11                                   **ING SEXUAL ASSAULT FOR THE MILITARY**  
12                                   **SERVICE ACADEMIES.**

13           (a) *DEVELOPMENT.*—*Not later than 30 days after the*  
14           *date of the enactment of this Act, each Superintendent of*  
15           *a military service academy shall develop and maintain a*  
16           *resource guide for students at the respective military service*  
17           *academies regarding sexual assault.*

18           (b) *ELEMENTS.*—*Each guide developed under this sec-*  
19           *tion shall include the following information with regards*  
20           *to the relevant military service academy:*

21                           (1) *PROCESS OVERVIEW AND DEFINITIONS.*—

22                                   (A) *A clear explanation of prohibited con-*  
23                                   *duct, including examples.*

24                                   (B) *A clear explanation of consent.*

25                                   (C) *Victims' rights.*



1           (D) *Clearly described complaint process, in-*  
2           *cluding multiple ways to file a complaint.*

3           (E) *Explanations of restricted and unre-*  
4           *stricted reporting.*

5           (F) *List of mandatory reporters.*

6           (G) *Protections from retaliation.*

7           (H) *Assurance that leadership will take im-*  
8           *mediate and proportionate corrective action.*

9           (I) *References to specific policies.*

10          (J) *Additional resources for survivors.*

11          (2) *EMERGENCY SERVICES.—*

12           (A) *Contact information.*

13           (B) *Location.*

14          (3) *SUPPORT AND COUNSELING.—Contact infor-*  
15          *mation for the following support and counseling re-*  
16          *sources:*

17           (A) *The Sexual Assault Prevention and Re-*  
18           *sponse Victim Advocate or other equivalent advo-*  
19           *cate or counselor available to students in cases of*  
20           *sexual assault.*

21           (B) *The Sexual Harassment/Assault Re-*  
22           *sponse and Prevention Resource Program Center.*

23           (C) *Peer counseling.*

24           (D) *Medical care.*

25           (E) *Legal counsel.*

1           (F) *Hotlines.*

2           (G) *Chaplain or other spiritual representa-*  
3 *tives.*

4           (4) *ESCALATION.—*

5           (A) *A victim may report an incident to any*  
6 *authority.*

7           (B) *A victim may consult any authority*  
8 *named in this paragraph.*

9           (C) *The Superintendent determines the out-*  
10 *come of an investigation and has the authority*  
11 *to convene a court-martial after an initial hear-*  
12 *ing.*

13           (D) *The Secretary of the military depart-*  
14 *ment concerned reviews determinations in cases*  
15 *not referred for trial by court-martial.*

16           (E) *The Inspector General reviews cases of*  
17 *reprisal or professional retaliation.*

18           (F) *A Member of Congress (as that term is*  
19 *defined in section 1563 of title 10, United States*  
20 *Code).*

21           (c) *DISTRIBUTION.—Each Superintendent shall pro-*  
22 *vide a copy of the current guide developed by that Super-*  
23 *intendent under this section—*

24           (1) *not later than 30 days after completing de-*  
25 *velopment under subsection (a) to each student who is*

1        *enrolled at the military service academy of that Su-*  
2        *perintendent on the date of the enactment of this Act;*

3            *(2) at the beginning of each academic year after*  
4        *the date of the enactment of this Act to each student*  
5        *who enrolls at the military service academy of that*  
6        *Superintendent; and*

7            *(3) as soon as practicable to a student at the*  
8        *military service academy of that Superintendent re-*  
9        *ports that such student is a victim of sexual assault.*

10 **SEC. 546. REPORT ON VICTIMS IN MCIO REPORTS.**

11        *Not later than September 30, 2019, and not less than*  
12        *once every two years thereafter, the Secretary of Defense,*  
13        *through the Defense Advisory Committee on Investigations,*  
14        *Prosecutions, and Defense of Sexual Assault in the Armed*  
15        *Forces, shall submit to Congress a report regarding the fre-*  
16        *quency at which individuals, who are identified as victims*  
17        *of sexual offenses in case files of military criminal inves-*  
18        *tigative organizations (hereinafter, “MCIO”), are accused*  
19        *of or punished for misconduct or crimes considered collat-*  
20        *eral to the investigation of sexual assault during the MCIO*  
21        *investigations in which the individuals were so identified.*

1 **Subtitle F—Member Education,**  
2 **Training, Resilience, and Tran-**  
3 **sition**

4 **SEC. 551. PERMANENT CAREER INTERMISSION PROGRAM.**

5 (a) *CODIFICATION AND PERMANENT AUTHORITY.*—  
6 Chapter 40 of title 10, United States Code, is amended by  
7 adding at the end the following new section 710:

8 **“§ 710. Career flexibility to enhance retention of mem-**  
9 **bers**

10 “(a) *PROGRAMS AUTHORIZED.*—Each Secretary of a  
11 military department may carry out programs under which  
12 members of the regular components and members on Active  
13 Guard and Reserve duty of the armed forces under the juris-  
14 diction of such Secretary may be inactivated from active  
15 service in order to meet personal or professional needs and  
16 returned to active service at the end of such period of inac-  
17 tivation from active service.

18 “(b) *PERIOD OF INACTIVATION FROM ACTIVE SERV-*  
19 *ICE; EFFECT OF INACTIVATION.*—(1) The period of inac-  
20 tivation from active service under a program under this  
21 section of a member participating in the program shall be  
22 such period as the Secretary of the military department  
23 concerned shall specify in the agreement of the member  
24 under subsection (c), except that such period may not exceed  
25 three years.

1       “(2) *Any service by a Reserve officer while partici-*  
2 *pating in a program under this section shall be excluded*  
3 *from computation of the total years of service of that officer*  
4 *pursuant to section 14706(a) of this title.*

5       “(3) *Any period of participation of a member in a*  
6 *program under this section shall not count toward—*

7               “(A) *eligibility for retirement or transfer to the*  
8 *Ready Reserve under either chapter 571 or 1223 of*  
9 *this title; or*

10              “(B) *computation of retired or retainer pay*  
11 *under chapter 71 or 1223 of this title.*

12       “(c) *AGREEMENT.—Each member of the armed forces*  
13 *who participates in a program under this section shall*  
14 *enter into a written agreement with the Secretary of the*  
15 *military department concerned under which agreement that*  
16 *member shall agree as follows:*

17              “(1) *To accept an appointment or enlist, as ap-*  
18 *plicable, and serve in the Ready Reserve of the armed*  
19 *force concerned during the period of the inactivation*  
20 *of the member from active service under the program.*

21              “(2) *To undergo during the period of the inac-*  
22 *tivation of the member from active service under the*  
23 *program such inactive service training as the Sec-*  
24 *retary concerned shall require in order to ensure that*  
25 *the member retains proficiency, at a level determined*

1        *by the Secretary concerned to be sufficient, in the*  
2        *military skills, professional qualifications, and phys-*  
3        *ical readiness of the member during the inactivation*  
4        *of the member from active service.*

5            *“(3) Following completion of the period of the*  
6        *inactivation of the member from active service under*  
7        *the program, to serve two months as a member of the*  
8        *armed forces on active service for each month of the*  
9        *period of the inactivation of the member from active*  
10       *service under the program.*

11          *“(d) CONDITIONS OF RELEASE.—The Secretary of De-*  
12       *fense shall prescribe regulations specifying the guidelines re-*  
13       *garding the conditions of release that must be considered*  
14       *and addressed in the agreement required by subsection (c).*  
15       *At a minimum, the Secretary shall prescribe the procedures*  
16       *and standards to be used to instruct a member on the obli-*  
17       *gations to be assumed by the member under paragraph (2)*  
18       *of such subsection while the member is released from active*  
19       *service.*

20          *“(e) ORDER TO ACTIVE SERVICE.—Under regulations*  
21       *prescribed by the Secretary of the military department con-*  
22       *cerned, a member of the armed forces participating in a*  
23       *program under this section may, in the discretion of such*  
24       *Secretary, be required to terminate participation in the*  
25       *program and be ordered to active service.*

1       “(f) *PAY AND ALLOWANCES.*—(1) *During each month*  
2 *of participation in a program under this section, a member*  
3 *who participates in the program shall be paid basic pay*  
4 *in an amount equal to two-thirtieths of the amount of*  
5 *monthly basic pay to which the member would otherwise*  
6 *be entitled under section 204 of title 37 as a member of*  
7 *the uniformed services on active service in the grade and*  
8 *years of service of the member when the member commences*  
9 *participation in the program.*

10       “(2)(A) *A member who participates in a program shall*  
11 *not, while participating in the program, be paid any spe-*  
12 *cial or incentive pay or bonus to which the member is other-*  
13 *wise entitled under an agreement under chapter 5 of title*  
14 *37 that is in force when the member commences participa-*  
15 *tion in the program.*

16       “(B) *The inactivation from active service of a member*  
17 *participating in a program shall not be treated as a failure*  
18 *of the member to perform any period of service required*  
19 *of the member in connection with an agreement for a special*  
20 *or incentive pay or bonus under chapter 5 of title 37 that*  
21 *is in force when the member commences participation in*  
22 *the program.*

23       “(3)(A) *Subject to subparagraph (B), upon the return*  
24 *of a member to active service after completion by the mem-*  
25 *ber of participation in a program—*

1           “(i) any agreement entered into by the member  
2           under chapter 5 of title 37 for the payment of a spe-  
3           cial or incentive pay or bonus that was in force when  
4           the member commenced participation in the program  
5           shall be revived, with the term of such agreement after  
6           revival being the period of the agreement remaining  
7           to run when the member commenced participation in  
8           the program; and

9           “(ii) any special or incentive pay or bonus shall  
10          be payable to the member in accordance with the  
11          terms of the agreement concerned for the term speci-  
12          fied in clause (i).

13          “(B)(i) Subparagraph (A) shall not apply to any spe-  
14          cial or incentive pay or bonus otherwise covered by that  
15          subparagraph with respect to a member if, at the time of  
16          the return of the member to active service as described in  
17          that subparagraph—

18                 “(I) such pay or bonus is no longer authorized  
19                 by law; or

20                 “(II) the member does not satisfy eligibility cri-  
21                 teria for such pay or bonus as in effect at the time  
22                 of the return of the member to active service.

23          “(ii) Subparagraph (A) shall cease to apply to any  
24          special or incentive pay or bonus otherwise covered by that  
25          subparagraph with respect to a member if, during the term



1 *of the revived agreement of the member under subparagraph*  
2 *(A)(i), such pay or bonus ceases being authorized by law.*

3       “(C) *A member who is ineligible for payment of a spe-*  
4 *cial or incentive pay or bonus otherwise covered by this*  
5 *paragraph by reason of subparagraph (B)(i)(II) shall be*  
6 *subject to the requirements for repayment of such pay or*  
7 *bonus in accordance with the terms of the applicable agree-*  
8 *ment of the member under chapter 5 of title 37.*

9       “(D) *Any service required of a member under an*  
10 *agreement covered by this paragraph after the member re-*  
11 *turns to active service as described in subparagraph (A)*  
12 *shall be in addition to any service required of the member*  
13 *under an agreement under subsection (c).*

14       “(4)(A) *Subject to subparagraph (B), a member who*  
15 *participates in a program is entitled, while participating*  
16 *in the program, to the travel and transportation allowances*  
17 *authorized by section 474 of title 37 for—*

18               “(i) *travel performed from the residence of the*  
19 *member, at the time of release from active service to*  
20 *participate in the program, to the location in the*  
21 *United States designated by the member as his resi-*  
22 *dence during the period of participation in the pro-*  
23 *gram; and*

1           “(ii) travel performed to the residence of the  
2           member upon return to active service at the end of the  
3           participation of the member in the program.

4           “(B) An allowance is payable under this paragraph  
5           only with respect to travel of a member to and from a single  
6           residence.

7           “(5) A member who participates in a program is enti-  
8           tled to carry forward the leave balance existing as of the  
9           day on which the member begins participation and accu-  
10          mulated in accordance with section 701 of this title, but  
11          not to exceed 60 days.

12          “(g) PROMOTION.—(1)(A) An officer participating in  
13          a program under this section shall not, while participating  
14          in the program, be eligible for consideration for promotion  
15          under chapter 36 or 1405 of this title.

16          “(B) Upon the return of an officer to active service  
17          after completion by the officer of participation in a pro-  
18          gram—

19                 “(i) the Secretary of the military department  
20                 concerned shall adjust the date of rank of the officer  
21                 in such manner as the Secretary of Defense shall pre-  
22                 scribe in regulations for purposes of this section; and

23                 “(ii) the officer shall be eligible for consideration  
24                 for promotion when officers of the same competitive

1       *category, grade, and seniority are eligible for consid-*  
2       *eration for promotion.*

3       “(2) *An enlisted member participating in a program*  
4       *shall not be eligible for consideration for promotion during*  
5       *the period that—*

6               “(A) *begins on the date of the inactivation of the*  
7       *member from active service under the program; and*

8               “(B) *ends at such time after the return of the*  
9       *member to active service under the program that the*  
10       *member is treatable as eligible for promotion by rea-*  
11       *son of time in grade and such other requirements as*  
12       *the Secretary of the military department concerned*  
13       *shall prescribe in regulations for purposes of the pro-*  
14       *gram.*

15       “(h) *CONTINUED ENTITLEMENTS.—A member partici-*  
16       *parting in a program under this section shall, while partici-*  
17       *parting in the program, be treated as a member of the armed*  
18       *forces on active duty for a period of more than 30 days*  
19       *for purposes of—*

20               “(1) *the entitlement of the member and of the de-*  
21       *pendents of the member to medical and dental care*  
22       *under the provisions of chapter 55 of this title; and*

23               “(2) *retirement or separation for physical dis-*  
24       *ability under the provisions of chapters 55 and 61 of*  
25       *this title.”.*

1 (b) *TECHNICAL AND CONFORMING AMENDMENTS.*—

2 (1) *TABLE OF SECTIONS.*—*The table of sections*  
 3 *at the beginning of such chapter is amended by in-*  
 4 *serting after the item relating to section 709a the fol-*  
 5 *lowing new item:*

*710. Career flexibility to enhance retention of members.*

6 (2) *CONFORMING REPEAL.*—*Section 533 of the*  
 7 *Duncan Hunter National Defense Authorization Act*  
 8 *for Fiscal Year 2009 (10 U.S.C. prec. 701 note) is re-*  
 9 *pealed.*

10 **SEC. 552. IMPROVEMENTS TO TRANSITION ASSISTANCE**  
 11 **PROGRAM.**

12 (a) *PATHWAYS FOR TAP.*—

13 (1) *IN GENERAL.*—*Section 1142 of title 10,*  
 14 *United States Code, is amended—*

15 (A) *in the section heading by striking*  
 16 **“medical”** *and inserting “certain”;*

17 (B) *in subsection (a)—*

18 (i) *in paragraph (1), by inserting “(re-*  
 19 *gardless of character of discharge)” after*  
 20 *“discharge”;*

21 (ii) *in paragraph (3)(A)—*

22 (I) *by striking “as soon as pos-*  
 23 *sible during the 12-month period pre-*  
 24 *ceding” and inserting “not later than*  
 25 *365 days before”;*

1                   (II) by striking “90 days” and in-  
2                   serting “365 days”; and

3                   (III) by striking “discharge or re-  
4                   lease” and inserting “retirement or  
5                   other separation”; and

6                   (iii) in paragraph (3)(B)—

7                   (I) by striking “90” and inserting  
8                   “365”; and

9                   (II) by striking “90-day” and in-  
10                  serting “365-day”;

11                  (C) by redesignating subsection (c) as sub-  
12                  section (d);

13                  (D) by inserting after subsection (b) the fol-  
14                  lowing new subsection (c):

15                  “(c) *COUNSELING PATHWAYS.*—(1) *Each Secretary*  
16                  *concerned, in consultation with the Secretaries of Labor*  
17                  *and Veterans Affairs, shall establish at least three pathways*  
18                  *for members of the military department concerned receiving*  
19                  *individualized counseling under this section. The Secre-*  
20                  *taries shall design the pathways to address the needs of*  
21                  *members, based on the following factors:*

22                         “(A) *Rank.*

23                         “(B) *Term of service.*

24                         “(C) *Gender.*

1           “(D) Whether the member was a member of  
2           a regular or reserve component of an armed  
3           force.

4           “(E) Disability.

5           “(F) Character of discharge (including ex-  
6           pedited discharge and discharge under conditions  
7           other than honorable).

8           “(G) Health (including mental health).

9           “(H) Military occupational specialty.

10          “(I) Whether the member intends, after sep-  
11          aration, retirement, or discharge, to—

12               “(i) seek employment;

13               “(ii) enroll in a program of higher  
14               education;

15               “(iii) enroll in a program of voca-  
16               tional training; or

17               “(iv) become an entrepreneur.

18          “(J) The educational history of the member.

19          “(K) The employment history of the mem-  
20          ber.

21          “(L) Whether the member has secured—

22               “(i) employment;

23               “(ii) enrollment in a program of edu-  
24               cation; or

1                   “(iii) enrollment in a program of voca-  
2                   tional training.

3                   “(M) Other factors the Secretary of Defense  
4                   and the Secretary of Homeland Security, in con-  
5                   sultation with the Secretaries of Labor and Vet-  
6                   erans Affairs, determine appropriate.

7                   “(2) Each member described in subsection (a) shall  
8                   meet in person or by video conference with a counselor be-  
9                   fore beginning counseling under this section to—

10                   “(A) take a self-assessment designed by the Sec-  
11                   retary concerned (in consultation with the Secretaries  
12                   of Labor and Veterans Affairs) to ensure that the Sec-  
13                   retary concerned places the member in the appro-  
14                   priate pathway under this subsection; and

15                   “(B) receive information from the counselor re-  
16                   garding reenlistment in the armed forces; and

17                   “(C) receive information from the counselor re-  
18                   garding resources—

19                   “(i) for members of the armed forces sepa-  
20                   rated, retired, or discharged;

21                   “(ii) located in the community in which the  
22                   member will reside after separation, retirement,  
23                   or discharge.

24                   “(3) At the meeting under paragraph (2), the member  
25                   may elect to have the Secretary concerned (in consultation

1 *with the Secretaries of Labor and Veterans Affairs) provide*  
2 *the contact information of the member to the resources de-*  
3 *scribed in paragraph (2)(B).”; and*

4 *(E) by adding at the end the following new*  
5 *subsection:*

6 *“(e) JOINT SERVICE TRANSCRIPT.—(1) The Secretary*  
7 *concerned shall provide a copy of the joint service transcript*  
8 *of a member described in subsection (a) to—*

9 *“(A) that member—*

10 *“(i) at the meeting with a counselor under*  
11 *subsection (c)(2); and*

12 *“(ii) on the day the member separates, re-*  
13 *tires, or is discharged.*

14 *“(B) the Secretary of Veterans Affairs on the day*  
15 *the member separates, retires, or is discharged.*

16 *“(2) The Secretary of Veterans Affairs shall ensure*  
17 *that a member who has separated, retired, or is discharged*  
18 *may access the joint service transcript of that member from*  
19 *a website of the Department of Veterans Affairs not later*  
20 *than one year after the day the member separates, retires,*  
21 *or is discharged.”.*

22 *(2) DEADLINE.—Each Secretary concerned shall*  
23 *carry out subsection (c) of such section, as amended*  
24 *by paragraph (1), not later than one year after the*  
25 *date of the enactment of this Act.*



1           (3) *GAO STUDY.*—Not later than one year after  
2           the Secretaries concerned carry out subsection (c) of  
3           such section, as amended by paragraph (1), the  
4           Comptroller General of the United States shall submit  
5           to Congress a review of the pathways for the Transi-  
6           tion Assistance Program established under such sub-  
7           section (c).

8           (b) *CONTENTS OF TAP.*—

9           (1) *IN GENERAL.*—Section 1144 of title 10,  
10          United States Code, is amended—

11           (A) in subsection (a), by striking “Such  
12           services” and inserting “Subject to subsection  
13           (f)(2), such services”; and

14           (B) by amending subsection (f) to read as  
15           follows:

16          “(f) *PROGRAM CONTENTS.*—(1) The program carried  
17          out under this section shall consist of instruction as follows:

18           “(A) One day of preseparation training  
19           specific to the armed force concerned, as deter-  
20           mined by the Secretary concerned.

21           “(B) One day of instruction regarding—

22           “(i) benefits under laws administered  
23           by the Secretary of Veterans Affairs; and

24           “(ii) other subjects determined by the  
25           Secretary concerned.

1           “(C) *One day of instruction regarding prep-*  
2           *aration for employment.*

3           “(D) *Two days of instruction regarding a*  
4           *topic selected by the member from the following*  
5           *subjects:*

6                     “(i) *Preparation for employment.*

7                     “(ii) *Preparation for education.*

8                     “(iii) *Preparation for vocational train-*  
9                     *ing.*

10                    “(iv) *Preparation for entrepreneurship.*

11                    “(v) *Other options determined by the*  
12                    *Secretary concerned.*

13           “(2) *The Secretary concerned may permit a member*  
14           *to attend training and instruction under the program es-*  
15           *tablished under this section—*

16                    “(A) *before the time periods established under*  
17                    *section 1142(a)(3) of this title;*

18                    “(B) *in addition to such training and instruc-*  
19                    *tion required during such time periods.”.*

20                    (2) *DEADLINE.—The Transition Assistance Pro-*  
21                    *gram shall comply with the requirements of section*  
22                    *1144(f) of title 10, United States Code, as amended*  
23                    *by paragraph (1), not later than one year after the*  
24                    *date of the enactment of this Act.*

1           (3) *ACTION PLAN.*—Not later than 120 days after  
2           the date of the enactment of this Act, the Secretary of  
3           Defense shall submit an action plan to the congress-  
4           sional defense committees that—

5                   (A) details how the Secretary shall imple-  
6                   ment the requirements of section 1144(f) of title  
7                   10, United States Code, as amended by para-  
8                   graph (1); and

9                   (B) details how the Secretary, in consulta-  
10                  tion with the Secretaries of Veterans Affairs and  
11                  Labor, shall establish standardized performance  
12                  metrics to measure Transition Assistance Pro-  
13                  gram participation and outcome-based objective  
14                  benchmarks in order to—

15                           (i) provide feedback to the Departments  
16                           of Defense, Veterans Affairs, and Labor;

17                           (ii) improve the curriculum of the  
18                           Transition Assistance Program;

19                           (iii) share best practices; and

20                           (iv) facilitate effective oversight of the  
21                           Transition Assistance Program.

22           (4) *REPORT.*—On the date that is two years  
23           after the date of the enactment of this Act and annu-  
24           ally thereafter for the subsequent four years, the Sec-  
25           retary of Defense shall submit to the Committees on

1 *Armed Services and Veterans' Affairs of the Senate*  
2 *and the House of Representatives, the Committee on*  
3 *Commerce, Science, and Transportation of the Senate,*  
4 *and the Committee on Transportation and Infrastruc-*  
5 *ture of the House of Representatives, a report regard-*  
6 *ing members of the Armed Forces who have attended*  
7 *Transition Assistance Program counseling during the*  
8 *preceding year. The report shall detail the following:*

9 (A) *The total number of members who at-*  
10 *tended Transition Assistance Program coun-*  
11 *seling.*

12 (B) *The number of members who attended*  
13 *Transition Assistance Program counseling under*  
14 *paragraph (1) of section 1144(f) of title 10, as*  
15 *amended by paragraph (1).*

16 (C) *The number of members who attended*  
17 *Transition Assistance Program counseling under*  
18 *paragraph (2) of such section.*

19 (D) *The number of members who elected to*  
20 *attend each two-day instruction under para-*  
21 *graph (1)(D) of such section.*

1 **SEC. 553. EMPLOYMENT AND COMPENSATION OF CIVILIAN**  
2 **FACULTY MEMBERS AT THE JOINT SPECIAL**  
3 **OPERATIONS UNIVERSITY.**

4 *Section 1595(c) of title 10, United States Code, is*  
5 *amended by adding at the end the following new paragraph:*

6 *“(5) The Joint Special Operations University.”.*

7 **SEC. 554. PROGRAM TO ASSIST MEMBERS OF THE ARMED**  
8 **FORCES IN OBTAINING PROFESSIONAL CRE-**  
9 **DENTIALS.**

10 *Section 2015(a) of title 10, United States Code, is*  
11 *amended by striking “related to military training” and all*  
12 *that follows through the period at the end of paragraph (2)*  
13 *and inserting “that translate into civilian occupations.”.*

14 **SEC. 555. EXTENSION OF PILOT PROGRAM TO ASSIST MEM-**  
15 **BERS IN OBTAINING POST-SERVICE EMPLOY-**  
16 **MENT.**

17 *Section 555(i) of the Carl Levin and Howard P.*  
18 *“Buck” McKeon National Defense Authorization Act for*  
19 *Fiscal Year 2015 (Public Law 113-291; 10 U.S.C. 1143*  
20 *note) is amended by striking “2018” and inserting “2023”.*

21 **SEC. 556. DIRECT EMPLOYMENT PILOT PROGRAM FOR MEM-**  
22 **BERS OF THE RESERVE COMPONENTS AND**  
23 **VETERANS.**

24 *(a) AUTHORITY.—The Secretary of Defense may enter*  
25 *into agreements with the chief executives of the States to*  
26 *carry out pilot programs to enhance the efforts of the De-*

1 *partment of Defense to provide job placement assistance and*  
2 *related employment services directly to unemployed or un-*  
3 *deremployed members of the reserve components of the*  
4 *Armed Forces and veterans.*

5       **(b) COST-SHARING.**—*Any agreement under subsection*  
6 *(a) shall require that the State must contribute an amount,*  
7 *derived from non-Federal sources, that equals or exceeds 50*  
8 *percent of the funds provided by the Secretary to the State*  
9 *under this section to support the operation of the pilot pro-*  
10 *gram in that State.*

11       **(c) ADMINISTRATION.**—*The pilot program in a State*  
12 *shall be administered by the adjutant general in that State*  
13 *appointed under section 314 of title 32, United States Code.*  
14 *If the adjutant general is unavailable or unable to admin-*  
15 *ister a pilot program, the Secretary, after consulting with*  
16 *the chief executive of the State, shall designate an official*  
17 *of that State to administer that pilot program.*

18       **(d) PROGRAM MODEL.**—*A pilot program under this*  
19 *section—*

20               **(1)** *shall use a job placement program model that*  
21 *focuses on working one-on-one with individuals de-*  
22 *scribed in subsection (a) to provide cost-effective job*  
23 *placement services, including—*

24                       **(A)** *job matching services;*

25                       **(B)** *resume editing;*

1                   (C) *interview preparation; and*

2                   (D) *post-employment follow up; and*

3                   (2) *shall incorporate best practices of State-oper-*  
4                   *ated direct employment programs for members of the*  
5                   *reserve components of the Armed Forces and veterans,*  
6                   *such as the programs conducted in California and*  
7                   *South Carolina.*

8                   (e) *SKILLBRIDGE TRAINING OPPORTUNITIES.—A pilot*  
9                   *program under this section shall utilize civilian training*  
10                   *opportunities through the SkillBridge transition training*  
11                   *program administered by the Department of Defense.*

12                   (f) *EVALUATION.—The Secretary shall develop outcome*  
13                   *measurements to evaluate the success of any pilot program*  
14                   *established under this provision.*

15                   (g) *REPORTING.—*

16                   (1) *REPORT REQUIRED.—Not later than March*  
17                   *1, 2021, the Secretary, in coordination with the Sec-*  
18                   *retary of Veterans Affairs and Chief of the National*  
19                   *Guard Bureau, shall submit to the congressional de-*  
20                   *fense committees a report describing the results of any*  
21                   *pilot program established under this section.*

22                   (2) *ELEMENTS.—A report under paragraph (1)*  
23                   *shall include the following elements:*

1           (A) *A description and assessment of the ef-*  
2 *fectiveness and achievements of the pilot pro-*  
3 *gram, including—*

4                 (i) *the number of members of the re-*  
5 *serve components of the Armed Forces and*  
6 *veterans hired; and*

7                 (ii) *the cost-per-placement of partici-*  
8 *pating members and veterans.*

9           (B) *An assessment of the impact of the pilot*  
10 *program and increased reserve component em-*  
11 *ployment levels on—*

12                 (i) *the readiness of members of the re-*  
13 *serve components of the Armed Forces; and*

14                 (ii) *retention of service members.*

15           (C) *A comparison of the pilot program to*  
16 *other programs conducted by the Department of*  
17 *Defense or Department of Veterans Affairs to*  
18 *provide unemployment and underemployment*  
19 *support to members of the reserve components of*  
20 *the Armed Forces or veterans, including best*  
21 *practices that improved the effectiveness of such*  
22 *programs.*

23           (D) *Any other matter the Secretary deter-*  
24 *mines to be appropriate.*

25           (h) *DURATION OF AUTHORITY.—*



1           (1) *IN GENERAL.*—Subject to paragraph (2), the  
2           authority to carry out a pilot program under this sec-  
3           tion expires on September 30, 2023.

4           (2) *EXTENSION.*—The Secretary may extend a  
5           pilot program under this section beyond the date in  
6           paragraph (1) by not more than two years.

7   **SEC. 557. EXTENDED DURATION OF AVAILABILITY OF MILI-**  
8                           **TARY ONESOURCE PROGRAM SERVICES FOR**  
9                           **MEMBERS OF THE ARMED FORCES UPON**  
10                          **THEIR SEPARATION OR RETIREMENT.**

11           *The Secretary of Defense shall ensure that retired and*  
12           *honorably discharged members of the Armed Forces, includ-*  
13           *ing members medically discharged, separated, or on the*  
14           *temporary disability retirement list, and their immediate*  
15           *family remain eligible for services under the Military*  
16           *OneSource Program for at least one year after the end of*  
17           *the member’s tour of service, the member’s retirement date,*  
18           *or the member’s separation date, as the case may be.*

19   **SEC. 558. COMPTROLLER GENERAL BRIEFING AND REPORT**  
20                           **ON PERMANENT EMPLOYMENT ASSISTANCE**  
21                           **CENTERS.**

22           (a) *REQUIREMENT.*— Not later than 240 days after  
23           the date of the enactment of this Act, the Comptroller Gen-  
24           eral of the United States shall provide a briefing to the  
25           Armed Services Committees of the Senate and House of

1 *Representatives, with a report to follow on a date agreed*  
2 *to at the time of the briefing. The briefing and report shall*  
3 *provide information on employment assistance required*  
4 *under section 1143 of title 10, United States Code, and re-*  
5 *lated information regarding civilian employment requiring*  
6 *certification or licensure.*

7       **(b) CONTENTS.**—*The information required under sub-*  
8 *section (a) shall include the following:*

9           (1) *A description of the content of the database*  
10 *required by section 1143(a)(2)(A) of such title.*

11           (2) *A list and description of permanent employ-*  
12 *ment assistance centers required by section 1143(b) of*  
13 *such title.*

14           (3) *A list and description of employment skills*  
15 *training programs and eligible members of the Armed*  
16 *Forces.*

17           (4) *A list and description of State and non-State*  
18 *entities that have interacted with civilian employers.*

19           (5) *A description of the use by members of the*  
20 *Armed Forces of the permanent employment assist-*  
21 *ance centers.*

22           (6) *An assessment of the permanent employment*  
23 *assistance centers and challenges, if any, the centers*  
24 *have experienced as of the date of the briefing or re-*  
25 *port.*

1 **SEC. 559. ACTIVITIES TO INCREASE AWARENESS OF AP-**  
2 **PRENTICESHIP PROGRAMS.**

3 *The Secretary of Defense shall ensure that, as part of*  
4 *the transition counseling provided by the Department of*  
5 *Defense to members of the Armed Forces who are in the*  
6 *process of separating from the Armed Forces (including the*  
7 *reserve components), information is provided to such mem-*  
8 *bers on—*

9 *(1) the potential benefits of apprenticeship pro-*  
10 *grams;*

11 *(2) the appropriate use of veterans' education*  
12 *benefits to pay for apprenticeship programs, and*

13 *(3) the availability of veteran-focused, nonprofit*  
14 *apprenticeship programs.*

15 **Subtitle G—Defense Dependents'**  
16 **Education and Military Family**  
17 **Readiness Matters**

18 **SEC. 561. ENHANCEMENT AND CLARIFICATION OF FAMILY**  
19 **SUPPORT SERVICES FOR FAMILY MEMBERS**  
20 **OF MEMBERS OF SPECIAL OPERATIONS**  
21 **FORCES.**

22 *Section 1788a of title 10, United States Code, is*  
23 *amended—*

24 *(1) by striking “activities” each place it appears*  
25 *and inserting “services”;*

1           (2) *in subsection (b)(2), by striking “activity”*  
2 *and inserting “service”;*

3           (3) *in subsection (c), by striking “\$5,000,000”*  
4 *and inserting “\$10,000,000”;*

5           (4) *in subsection (d)(1), by striking “thereafter”*  
6 *and inserting “of the next two years”; and*

7           (5) *in subsection (e), by adding at the end the*  
8 *following new paragraph:*

9           “(4) *The term ‘family support services’ includes*  
10 *costs of transportation, food, lodging, child care, sup-*  
11 *plies, fees, and training materials for immediate fam-*  
12 *ily members of members of the armed forces assigned*  
13 *to special operations forces while participating in*  
14 *programs under subsection (a).”.*

15 **SEC. 562. ADDITIONAL MATTERS FOR ASSESSMENT AND RE-**  
16 **PORT ON CHILDCARE SERVICES OF THE DE-**  
17 **PARTMENT OF DEFENSE.**

18           *Section 575 of the National Defense Authorization Act*  
19 *for Fiscal Year 2018 (Public Law 115-91) is amended—*

20           (1) *in subsection (a), by adding at the end the*  
21 *following new paragraphs:*

22           “(5) *Expanding the childcare hours at military*  
23 *installations that host initial training units in order*  
24 *to accommodate drill instructors, trainers, and sup-*  
25 *port staff.*

1           “(6) *Modifying the rate of use of subsidized, off-*  
2 *installation childcare services by military families,*  
3 *including whether such rate could be increased by al-*  
4 *tering policies that cap the amount of subsidies for*  
5 *military families for such services based on the cost*  
6 *of living for families and the average cost of civilian*  
7 *childcare services.*

8           “(7) *Permitting the issuance of employee clear-*  
9 *ances on a provisional or interim basis for those*  
10 *working at military childcare centers.”; and*

11           (2) *in subsection (b)—*

12                 (A) *by striking “September 1, 2018” and*  
13 *inserting “March 1, 2019”;*

14                 (B) *by striking “the results of the assess-*  
15 *ment conducted under subsection (a).” and in-*  
16 *serting an em dash; and*

17                 (C) *by adding at the end the following new*  
18 *paragraphs:*

19                     “(1) *the results of the assessment conducted*  
20 *under subsection (a); and*

21                     “(2) *assessments of—*

22                             “(A) *the underlying factors contributing to*  
23 *the childcare backlogs at many installations;*

24                             “(B) *the effect of such backlogs on member*  
25 *recruitment and retention; and*

1                   “(C) *the effect of such backlogs on military*  
2                   *spouse unemployment and underemployment.*”.

3   **SEC. 563. CONTINUED ASSISTANCE TO SCHOOLS WITH SIG-**  
4                   **NIFICANT NUMBERS OF MILITARY DEPEND-**  
5                   **ENT STUDENTS.**

6           (a) *ASSISTANCE TO SCHOOLS WITH SIGNIFICANT*  
7   *NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the*  
8   *amount authorized to be appropriated for fiscal year 2019*  
9   *in Division D of this Act and available for operation and*  
10   *maintenance for Defense-wide activities as specified in the*  
11   *funding table in Section 4301 of this Act, \$40,000,000 shall*  
12   *be available only for the purpose of providing assistance*  
13   *to local educational agencies under subsection (a) of section*  
14   *572 of the National Defense Authorization Act for Fiscal*  
15   *Year 2006 (Public Law 109-163; 20 U.S.C. 7703b).*

16           (b) *IMPACT AID FOR CHILDREN WITH SEVERE DIS-*  
17   *ABILITIES.—Of the amount authorized to be appropriated*  
18   *for fiscal year 2019 in Division D of this Act and available*  
19   *for operation and maintenance for Defense-wide activities*  
20   *as specified in the funding table in Section 4301 of this*  
21   *Act, \$10,000,000 shall be available for payments under sec-*  
22   *tion 363 of the Floyd D. Spence National Defense Author-*  
23   *ization Act for Fiscal Year 2001 (Public Law 106-398; 20*  
24   *U.S.C. 7703a).*

1           (c) *LOCAL EDUCATIONAL AGENCY DEFINED.*—In this  
 2 section, the term “local educational agency” has the mean-  
 3 ing given that term in section 7013(9) of the Elementary  
 4 and Secondary Education Act of 1965 (20 U.S.C. 7713(9)).

5     **SEC. 564. DEPARTMENT OF DEFENSE EDUCATION ACTIVITY**  
 6                                       **MISCONDUCT DATABASE.**

7           (a) *COMPREHENSIVE DATABASE.*—The Secretary of  
 8 Defense shall consolidate the various databases and mecha-  
 9 nisms for the reporting and tracking of juvenile misconduct  
 10 in Department of Defense Education Activity (hereinafter  
 11 in this section referred to as “DODEA”) schools into one  
 12 comprehensive database for DODEA juvenile misconduct.  
 13 The comprehensive database shall include, at a minimum,  
 14 all reportable allegations of juvenile-on-juvenile sexual mis-  
 15 conduct, regardless of the final disposition of the case.

16           (b) *POLICY.*—The Secretary shall establish a com-  
 17 prehensive policy regarding the reporting and tracking of  
 18 juvenile misconduct cases occurring in DODEA schools, in-  
 19 cluding policies establishing appropriate safeguards to pre-  
 20 vent unauthorized disclosure of sensitive information con-  
 21 tained in the comprehensive database required by subsection  
 22 (a).

1 **SEC. 565. REPORT ON ASSESSMENT OF FREQUENCY OF PER-**  
2 **MANENT CHANGES OF STATION OF MEMBERS**  
3 **OF THE ARMED FORCES ON EMPLOYMENT**  
4 **AMONG MILITARY SPOUSES.**

5 (a) *IN GENERAL.*—*The Secretary of Defense shall sub-*  
6 *mit to Congress a report setting forth an assessment of the*  
7 *effects of the frequency of permanent changes of station of*  
8 *members of the Armed Forces on stability of employment*  
9 *among military spouses.*

10 (b) *ELEMENTS.*—*The report under this section shall*  
11 *include the following:*

12 (1) *An assessment of the effects of the frequency*  
13 *of permanent changes of station of members of the*  
14 *Armed Forces on stability of employment among*  
15 *military spouses, including the contribution of fre-*  
16 *quent permanent changes of station to unemployment*  
17 *or underemployment among military spouses.*

18 (2) *An assessment of the effects of unemployment*  
19 *and underemployment among military spouses on*  
20 *force readiness.*

21 (3) *Such recommendations as the Secretary con-*  
22 *siders appropriate regarding legislative or adminis-*  
23 *tration action to achieve force readiness and stabiliza-*  
24 *tion through the minimization of the impacts of fre-*  
25 *quent permanent changes on stability of employment*  
26 *among military spouses.*



1           ***Subtitle H—Decorations and***  
2   ***Awards***

3   ***SEC. 571. LIMITATIONS ON AUTHORITY TO REVOKE CER-***  
4   ***TAIN MILITARY DECORATIONS AWARDED TO***  
5   ***MEMBERS OF THE ARMED FORCES.***

6           *(a) ARMY.—*

7                           *(1) LIMITATIONS.—Chapter 357 of title 10,*  
8                           *United States Code, is amended by adding at the end*  
9                           *the following new section:*

10   ***“§3757. Military decorations: limitations on revoca-***  
11   ***tion***

12                           *“(a) LIMITATIONS.—Except as provided in subsection*  
13                           *(b), the President or the Secretary of the Army may not*  
14                           *authorize the revocation of a military decoration after the*  
15                           *actual award of the military decoration to a member of the*  
16                           *armed forces under the jurisdiction of the Secretary.*

17                           *“(b) EXCEPTIONS.—(1) Subsection (a) does not apply*  
18                           *to the revocation of a military decoration if the revocation*  
19                           *is ordered on account of—*

20                                   *“(A) the acquisition of new or additional infor-*  
21                                   *mation that calls into question the service for which*  
22                                   *the member was awarded the military decoration; or*

23                                   *“(B) the conviction of the member for a felony.*

24                           *“(2) In applying the exception described in paragraph*  
25                           *(1)(B), the President and the Secretary of the Army shall*

1 *take into account, as an extenuating factor, whether the*  
 2 *member has been diagnosed with traumatic brain injury*  
 3 *or post-traumatic stress disorder.*

4 “(c) *MILITARY DECORATION DEFINED.*—*In this sec-*  
 5 *tion, the term ‘military decoration’ means the distin-*  
 6 *guished-service cross, distinguished-service medal, silver*  
 7 *star, distinguished flying cross, or Soldier’s Medal. The*  
 8 *term does not include the medal of honor.”.*

9 (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
 10 *tions at the beginning of such chapter is amended by*  
 11 *adding at the end the following new item:*

*“3757. Military decorations: limitations on revocation.”.*

12 (b) *NAVY AND MARINE CORPS.*—

13 (1) *LIMITATIONS.*—*Chapter 567 of title 10,*  
 14 *United States Code, is amended by adding at the end*  
 15 *the following new section:*

16 “§ 6259. ***Military decorations: limitations on revoca-***  
 17 ***tion***

18 “(a) *LIMITATIONS.*—*Except as provided in subsection*  
 19 *(b), the President or the Secretary of the Navy may not*  
 20 *authorize the revocation of a military decoration after the*  
 21 *actual award of the military decoration to a member of the*  
 22 *armed forces under the jurisdiction of the Secretary.*

23 “(b) *EXCEPTIONS.*—(1) *Subsection (a) does not apply*  
 24 *to the revocation of a military decoration if the revocation*  
 25 *is ordered on account of—*

1           “(A) *the acquisition of new or additional infor-*  
 2           *mation that calls into question the service for which*  
 3           *the member was awarded the military decoration; or*

4           “(B) *the conviction of the member for a felony.*

5           “(2) *In applying the exception described in paragraph*  
 6           *(1)(B), the President and the Secretary of the Navy shall*  
 7           *take into account, as an extenuating factor, whether the*  
 8           *member has been diagnosed with traumatic brain injury*  
 9           *or post-traumatic stress disorder.*

10          “(c) *MILITARY DECORATION DEFINED.—In this sec-*  
 11          *tion, the term ‘military decoration’ means the Navy cross,*  
 12          *distinguished-service medal, silver star medal, distinguished*  
 13          *flying cross, or Navy and Marine Corps Medal. The term*  
 14          *does not include the medal of honor.”.*

15          “(2) *CLERICAL AMENDMENT.—The table of sec-*  
 16          *tions at the beginning of such chapter is amended by*  
 17          *adding at the end the following new item:*

          “6259. *Military decorations: limitations on revocation.”.*

18          “(c) *AIR FORCE.—*

19                 “(1) *LIMITATIONS.—Chapter 857 of title 10,*  
 20                 *United States Code, is amended by adding at the end*  
 21                 *the following new section:*

22                 “**§8757. Military decorations: limitations on revoca-**  
 23                         **tion**

24                 “(a) *LIMITATIONS.—Except as provided in subsection*  
 25                 *(b), the President or the Secretary of the Air Force may*

1 *not authorize the revocation of a military decoration after*  
2 *the actual award of the military decoration to a member*  
3 *of the armed forces under the jurisdiction of the Secretary.*

4 “(b) *EXCEPTIONS.—(1) Subsection (a) does not apply*  
5 *to the revocation of a military decoration if the revocation*  
6 *is ordered on account of—*

7 “(A) *the acquisition of new or additional infor-*  
8 *mation that calls into question the service for which*  
9 *the member was awarded the military decoration; or*

10 “(B) *the conviction of the member for a felony.*

11 “(2) *In applying the exception described in paragraph*  
12 *(1)(B), the President and the Secretary of the Air Force*  
13 *shall take into account, as an extenuating factor, whether*  
14 *the member has been diagnosed with traumatic brain injury*  
15 *or post-traumatic stress disorder.*

16 “(c) *MILITARY DECORATION DEFINED.—In this sec-*  
17 *tion, the term ‘military decoration’ means the Air Force*  
18 *cross, distinguished-service medal, silver star, distinguished*  
19 *flying cross, or Airman’s Medal. The term does not include*  
20 *the medal of honor.”.*

21 (2) *CLERICAL AMENDMENT.—The table of sec-*  
22 *tions at the beginning of such chapter is amended by*  
23 *adding at the end the following new item:*

*“8757. Military decorations: limitations on revocation.”.*

1 **SEC. 572. AUTHORIZATION FOR AWARD OF EXPEDITIONARY**  
2 **MEDAL TO CERTAIN MARINES FOR ACTIONS**  
3 **ON JUNE 8, 1995.**

4 *Notwithstanding any time limitation with respect to*  
5 *the awarding of certain medals to persons who served in*  
6 *the Armed Forces, the Secretary of Defense may award the*  
7 *Armed Forces Expeditionary Medal to a member or former*  
8 *member of the 24th Marine Expeditionary Unit, Special*  
9 *Operations Capable, for the mission to rescue Captain Scott*  
10 *O’Grady, United States Air Force, from Bosnia on June*  
11 *8, 1995.*

12 ***Subtitle I—Miscellaneous Reports***  
13 ***and Other Matters***

14 **SEC. 581. PUBLIC AVAILABILITY OF TOP-LINE NUMBERS OF**  
15 **DEPLOYED MEMBERS OF THE ARMED**  
16 **FORCES.**

17 *(a) IN GENERAL.—Except as provided in subsection*  
18 *(b), the Secretary of Defense shall make publicly available*  
19 *the top-line numbers of members of the Armed Forces de-*  
20 *ployed for each country.*

21 *(b) WAIVER.—*

22 *(1) IN GENERAL.—The Secretary may waive the*  
23 *requirement under subsection (a) in the case of a sen-*  
24 *sitive military operation if—*

25 *(A) the Secretary determines the public dis-*  
26 *closure of the number of deployed members of the*



1 *of Arlington National Cemetery: Report on the Cemetery's*  
2 *Interment and Inurnment Capacity 2017”.*

3 (b) *DEADLINE.*—*The Secretary of the Army shall es-*  
4 *tablish the criteria under subsection (a) not later than Sep-*  
5 *tember 30, 2019.*

6 **SEC. 583. REPORT ON GENERAL AND FLAG OFFICER COSTS.**

7 *Not later than nine months after the date of the enact-*  
8 *ment of this Act, the Secretary of Defense shall submit to*  
9 *the congressional defense committees a report on general*  
10 *and flag officer costs. Such report shall include cost esti-*  
11 *mates for direct and indirect costs associated with general*  
12 *and flag officers generally and for specific positions in ac-*  
13 *cordance with the recommendations of the Office of the Sec-*  
14 *retary of Defense-Cost Assessment and Program Evaluation*  
15 *report entitled “Defining General and Flag Officer Costs”*  
16 *dated December 2017, including—*

17 (1) *direct compensation for all general and flag*  
18 *officers and for specific general and flag officer posi-*  
19 *tions, using the full cost of manpower model to esti-*  
20 *mate where possible;*

21 (2) *personal money allowances for positions that*  
22 *receive an allowance;*

23 (3) *deferred compensation and health care costs*  
24 *for all general and flag officers and for specific gen-*  
25 *eral and flag officer positions;*

1           (4) costs associated with providing security de-  
2           tails for specific general and flag officer positions that  
3           merit continuous security;

4           (5) costs associated with Government and com-  
5           mercial travel for general and flag officers who qual-  
6           ify for tier one or two travel, including commercial  
7           travel costs using defense travel system data;

8           (6) general flag officer per diems for specific po-  
9           sitions, based on average travel per diem costs;

10          (7) costs for enlisted and officer aide housing for  
11          general and flag officers generally and for specific  
12          general and flag officer positions, including basic  
13          housing assistance costs for staff;

14          (8) on a case-by-case basis, costs associated with  
15          enlisted and officer aide travel, taking into consider-  
16          ation the cost of data collection;

17          (9) costs associated with additional support staff  
18          for general and flag officers and their travel, equip-  
19          ment, and per diem costs for all general and flag offi-  
20          cers and specific general and flag officer positions  
21          based on the average numbers per general or flag offi-  
22          cer and estimations using the full cost of manpower  
23          model;



1           (10) costs associated with the upkeep and main-  
2           tenance of official residences not captured by basic  
3           housing assistance; and

4           (11) costs associated with training for general  
5           and flag officers generally and specific general and  
6           flag officer positions using estimations from the full  
7           cost of manpower model.

8   **SEC. 584. REPORT ON OUTSIDE EMPLOYMENT OF SENIOR**  
9                                   **PERSONNEL.**

10          (a) *REPORT REQUIRED.*—Not later than 18 months  
11          after the date of the enactment of this Act, and annually  
12          thereafter, the Secretary of Defense shall submit a report  
13          to Congress on requests by senior personnel for approval  
14          of outside employment during the preceding fiscal year.

15          (b) *ELEMENTS.*—The report under this section shall  
16          contain the following regarding:

17                 (1) *The number of such requests.*

18                 (2) *The number of such requests approved.*

19                 (3) *The types of positions for which senior per-*  
20                 *sonnel made such requests.*

21                 (4) *The range and average of the time commit-*  
22                 *ment for such positions.*

23                 (5) *The range and average of the compensation*  
24                 *for such positions.*

1           (6) *Any ethical lapses or abuses by senior per-*  
2           *sonnel in the course of employment pursuant to ap-*  
3           *proved requests.*

4           (c) *SENIOR PERSONNEL DEFINED.*—*In this section,*  
5           *the term “senior personnel” means any of the following:*

6           (1) *An officer in the regular or reserve compo-*  
7           *nent of an armed force above the grade of O-6.*

8           (2) *An employee of the Department of Defense in*  
9           *the Senior Executive Service.*

10 **SEC. 585. LIMITATION ON USE OF FUNDS PENDING SUB-**  
11                                   **MITTAL OF REPORT ON ARMY MARKETING**  
12                                   **AND ADVERTISING PROGRAM.**

13           (a) *REPORT REQUIRED.*—

14           (1) *IN GENERAL.*—*The Secretary of the Army*  
15           *shall submit to the Committees on Armed Services of*  
16           *the Senate and House of Representatives a report on*  
17           *the recommendations contained in the audit con-*  
18           *ducted by the Army Audit Agency of the Army’s Mar-*  
19           *keting and Advertising Program concerning contract*  
20           *oversight and return on investment.*

21           (2) *CONTENTS.*—*The report required by para-*  
22           *graph (1) shall address each of the following:*

23           (A) *The mitigation and oversight measures*  
24           *implemented to assure improved program return*  
25           *and contract management including the estab-*

1            *lishment of specific goals to measure long-term*  
2            *effects of investments in marketing efforts.*

3            *(B) The establishment of a review process to*  
4            *regularly evaluate the effectiveness and efficiency*  
5            *of marketing efforts including efforts to better*  
6            *support the accessions missions of the Army.*

7            *(C) The increase of acquisition and mar-*  
8            *keting experience within the Army Marketing*  
9            *and Research Group (hereinafter in this section*  
10           *referred to as the “AMRG”).*

11           *(D) A workforce analysis of AMRG in co-*  
12           *operation with the Office of Personnel Manage-*  
13           *ment and industry experts assessing the AMRG*  
14           *organizational structure, staffing, and training,*  
15           *including an assessment of the workplace climate*  
16           *and culture internal to the AMRG.*

17           *(E) The establishment of an Army Mar-*  
18           *keting and Advisory Board comprised of senior*  
19           *Army and marketing and advertising leaders*  
20           *and an assessment of industry and service mar-*  
21           *keting and advertising best practices including a*  
22           *plan to incorporate relevant practices.*

23           *(F) The status of the implementation of*  
24           *contracting practices recommended by the Army*  
25           *Audit Agency’s audit of contracting oversight of*

1           *AMRG contained in Audit Report A-2018-0033-*  
2           *MTH.*

3           **(b) LIMITATION ON USE OF FUNDS.**—*Not more than*  
4 *60 percent of the amounts authorized to be appropriated*  
5 *or otherwise made available in this Act for the AMRG for*  
6 *fiscal year 2019 for advertising and marketing activities*  
7 *may be obligated or expended until the Secretary of the*  
8 *Army submits the report required by subsection (a).*

9           **(c) COMPTROLLER GENERAL REVIEW.**—*Not later than*  
10 *90 days after the date of the submittal of the report required*  
11 *by subsection (a), the Comptroller General of the United*  
12 *States shall conduct a review of the results and implementa-*  
13 *tion of the recommendations of the Army Audit Agency Au-*  
14 *dits of the AMRG on contract oversight and return on in-*  
15 *vestment. Such review shall include an assessment of the*  
16 *effects of the implementation of the recommendations on the*  
17 *AMRG leadership, workforce and business practices, and re-*  
18 *turn on investment.*

19       **TITLE VI—COMPENSATION AND**  
20       **OTHER PERSONNEL BENEFITS**  
21       **Subtitle A—Pay and Allowances**

22       **SEC. 601 . PROMPT REVIEW OF REQUEST FOR IMMINENT**  
23       **DANGER PAY.**

24           *Section 310(d)(1) of title 37, United States Code, is*  
25 *amended by adding at the end the following new sentence:*

1 *“The Secretary of Defense shall issue a determination re-*  
2 *garding special pay under this section not later than 90*  
3 *days after receiving a request for such determination from*  
4 *the commander of a geographic combatant command.”*

5 **SEC. 602 . APPLICATION OF BASIC ALLOWANCE FOR HOUS-**  
6 **ING TO MEMBERS OF THE UNIFORMED SERV-**  
7 **ICES IN THE VIRGIN ISLANDS.**

8 (a) *IN GENERAL.*—Section 403(b) of title 37, United  
9 States Code, is amended—

10 (1) *in the heading, by inserting “AND THE VIR-*  
11 *GIN ISLANDS” after “THE UNITED STATES”;*

12 (2) *in paragraph (1), by inserting “and the Vir-*  
13 *gin Islands” after “the United States”; and*

14 (3) *in paragraphs (2), (3)(A), and (6), by insert-*  
15 *ing “or the Virgin Islands” after “the United States”*  
16 *each place it appears.*

17 (b) *CONFORMING AMENDMENTS.*—Section 403(c) of  
18 title 37, United States Code, is amended—

19 (1) *in the heading, by inserting “OR THE VIRGIN*  
20 *ISLANDS” after “THE UNITED STATES”; and*

21 (2) *in paragraphs (1), (2), (3)(A)(i), and (3)(B),*  
22 *by inserting “or the Virgin Islands” after “the United*  
23 *States” each place it appears.*

24 (c) *EFFECTIVE DATE.*—The amendments made by this  
25 section shall take effect on the date of the enactment of this

1 *Act and shall apply to payments under section 403 of title*  
2 *37, United States Code, beginning on January 1, 2019.*

3 **SEC. 603 . MANDATORY INCREASE IN INSURANCE COV-**  
4 **ERAGE UNDER SERVICEMEMBERS' GROUP**  
5 **LIFE INSURANCE FOR MEMBERS DEPLOYED**  
6 **TO COMBAT THEATERS OF OPERATION.**

7 *Section 1967(a)(3) of title 38, United States Code, is*  
8 *amended—*

9 *(1) in subparagraph (A), by striking “subpara-*  
10 *graphs (B) and (C)” and inserting “subparagraphs*  
11 *(B), (C), and (D)”;* and

12 *(2) by adding at the end the following new sub-*  
13 *paragraph:*

14 *“(D) In the case of a member who elects under*  
15 *paragraph (2)(A) not to be insured under this section,*  
16 *or who elects under subparagraph (B) to be insured*  
17 *for an amount less than the maximum amount pro-*  
18 *vided under subparagraph (A), and who is deployed*  
19 *to a combat theater of operations the member—*

20 *“(i) shall be insured under this subchapter*  
21 *for the maximum amount provided under sub-*  
22 *paragraph (A) for the period of such deployment;*  
23 *and*

24 *“(ii) upon the end of such deployment—*

1                   “(I) shall be insured in the amount  
2                   elected by the member under subparagraph  
3                   (B); or

4                   “(II) shall not be insured, if so elected  
5                   under paragraph (2)(A)”.

6 **SEC. 604 . MILITARY HOUSING PRIVATIZATION INITIATIVE.**

7           (a) *PAYMENT AUTHORITY.*—Each month beginning on  
8 the first month after the date of the enactment of this Act,  
9 the Secretary shall pay a lessor of covered housing 5 percent  
10 of the amount calculated under section 403(b)(3)(A)(i) of  
11 title 37, United States Code, for the area in which the cov-  
12 ered housing exists. Any such payment shall be in addition  
13 to any other payment made by the Secretary to that lessor.

14           (b) *PLAN FOR MHPI HOUSING.*—Not later than De-  
15 cember 1, 2018, the Secretary shall submit to the congress-  
16 sional defense committees a long-range plan to develop  
17 measures to consistently address the future sustainment, re-  
18 capitalization, and financial condition of MHPI housing.  
19 The plan shall include—

20                   (1) efforts to mitigate the losses incurred by  
21 MHPI housing projects because of the reductions to  
22 BAH under section 603 of the National Defense Au-  
23 thorization Act for Fiscal Year 2016 (Public Law  
24 114-92; 37 U.S.C. 403(b)(3)(B)); and

1           (2) *a full assessment of the effects of such reduc-*  
2           *tions (in relation to calculations of market rates for*  
3           *rent and utilities) on the financial condition of*  
4           *MHPI housing.*

5           (c) *REPORTING.—The Secretary shall direct the Assist-*  
6           *ant Secretary of Defense for Energy, Installations, and En-*  
7           *vironment to take the following steps regarding reports*  
8           *under section 2884(c) of title 10, United States Code:*

9           (1) *Provide additional contextual information on*  
10           *MHPI housing to identify any differences in the cal-*  
11           *culatation of debt coverage ratios and any effect of such*  
12           *differences on their comparability.*

13           (2) *Immediately resume issuing such reports on*  
14           *the financial condition of MHPI housing.*

15           (3) *Revise Department of Defense guidance on*  
16           *MHPI housing—*

17           (A) *to ensure that relevant financial data*  
18           *(such as debt coverage ratios) in such reports are*  
19           *consistent and comparable in terms of the time*  
20           *periods of the data collected;*

21           (B) *to include a requirement that the sec-*  
22           *retary of each military department includes*  
23           *measures of future sustainment into each assess-*  
24           *ments of MHPI housing projects; and*



1           (C) to require the secretary of each military  
2           department to define risk tolerance regarding the  
3           future sustainability of MHPI housing projects.

4           (4) Report financial information on future  
5           sustainment of each MHPI housing project in such re-  
6           ports.

7           (5) Provide Department of Defense guidance to  
8           the secretaries of the military departments to—

9                   (A) assess the significance of the specific  
10                  risks to individual MHPI housing projects from  
11                  the reduction in BAH; and

12                   (B) identify methods to mitigate such risks  
13                  based on their significance.

14           (6) Not later than December 1, 2018, finalize De-  
15           partment of Defense guidance that clearly defines—

16                   (A) the circumstances in which the military  
17                  departments shall provide notification of housing  
18                  project changes to the congressional defense com-  
19                  mittees; and

20                   (B) which types of such changes require  
21                  prior notification to or prior approval from the  
22                  congressional defense committees.

23           (d) *DEFINITIONS.*—*In this section:*

1           (1) *The term “BAH” means the basic allowance*  
2 *for housing under section 403 of title 37, United*  
3 *States Code.*

4           (2) *The term “covered housing” means a unit of*  
5 *MHPI housing that is leased to a member of a uni-*  
6 *formed service who resides in such unit.*

7           (3) *The term “MHPI housing” means housing*  
8 *acquired or constructed under the alternative author-*  
9 *ity of subchapter IV of chapter 169 of title 10, United*  
10 *States Code (known as the Military Housing Privat-*  
11 *ization Initiative).*

12 **SEC. 605 . PER DIEM ALLOWANCE POLICIES.**

13 (a) *POLICY AND REGULATIONS.—*

14           (1) *EXISTING POLICY AND REGULATIONS.—The*  
15 *Secretary of each military department may not im-*  
16 *plement the policy in the memorandum dated October*  
17 *1, 2014, titled “UTD/CTS for MAP 118-13/CAP 118-*  
18 *13 – Flat Rate Per Diem for Long Term TDY”, re-*  
19 *garding per diem allowances, or any regulations pre-*  
20 *scribed pursuant to such memorandum, on or after*  
21 *the date of the enactment of this Act.*

22           (2) *FUTURE POLICY AND REGULATIONS.—(A)*  
23 *The Secretary of each military department concerned*  
24 *may not implement a new policy regarding per diem*  
25 *allowances under section 474 of title 37, United*

1       *States Code, until after the Secretary of Defense issues*  
2       *the report under subsection (b).*

3               *(B) The Secretary of the military department*  
4       *concerned shall notify the appropriate congressional*  
5       *committees not less than 60 days before implementing*  
6       *a new policy regarding per diem allowances under*  
7       *section 474 of title 37, United States Code.*

8       *(b) REPORT.—Not later than 180 days after the date*  
9       *of the enactment of this Act, the Secretary of Defense shall*  
10       *issue a report to the appropriate congressional committees*  
11       *regarding options to reduce travel costs incurred by the De-*  
12       *partment of Defense, including the adoption of practices*  
13       *used by private entities.*

14       *(c) APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
15       *this section, the term “appropriate congressional commit-*  
16       *tees” means the congressional defense committees, the Com-*  
17       *mittee on Homeland Security and Governmental Affairs of*  
18       *the Senate, and the Committee on Oversight and Govern-*  
19       *ment Reform of the House of Representatives.*

20       ***Subtitle B—Bonuses and Special***  
21       ***Incentive Pays***

22       ***SEC. 611 . ONE-YEAR EXTENSION OF CERTAIN EXPIRING***  
23       ***BONUS AND SPECIAL PAY AUTHORITIES.***

24       *(a) AUTHORITIES RELATING TO RESERVE FORCES.—*  
25       *Section 910(g) of title 37, United States Code, relating to*

1 *income replacement payments for reserve component mem-*  
2 *bers experiencing extended and frequent mobilization for ac-*  
3 *tive duty service, is amended by striking “December 31,*  
4 *2018” and inserting “December 31, 2019”.*

5 (b) *TITLE 10 AUTHORITIES RELATING TO HEALTH*  
6 *CARE PROFESSIONALS.—The following sections of title 10,*  
7 *United States Code, are amended by striking “December 31,*  
8 *2018” and inserting “December 31, 2019”:*

9 (1) *Section 2130a(a)(1), relating to nurse officer*  
10 *candidate accession program.*

11 (2) *Section 16302(d), relating to repayment of*  
12 *education loans for certain health professionals who*  
13 *serve in the Selected Reserve.*

14 (c) *AUTHORITIES RELATING TO NUCLEAR OFFI-*  
15 *CERS.—Section 333(i) of title 37, United States Code, is*  
16 *amended by striking “December 31, 2018” and inserting*  
17 *“December 31, 2019”.*

18 (d) *AUTHORITIES RELATING TO TITLE 37 CONSOLI-*  
19 *DATED SPECIAL PAY, INCENTIVE PAY, AND BONUS AU-*  
20 *THORITIES.—The following sections of title 37, United*  
21 *States Code, are amended by striking “December 31, 2018”*  
22 *and inserting “December 31, 2019”:*

23 (1) *Section 331(h), relating to general bonus au-*  
24 *thority for enlisted members.*

1           (2) *Section 332(g), relating to general bonus au-*  
2 *thority for officers.*

3           (3) *Section 334(i), relating to special aviation*  
4 *incentive pay and bonus authorities for officers.*

5           (4) *Section 335(k), relating to special bonus and*  
6 *incentive pay authorities for officers in health profes-*  
7 *sions.*

8           (5) *Section 336(g), relating to contracting bonus*  
9 *for cadets and midshipmen enrolled in the Senior Re-*  
10 *serve Officers' Training Corps.*

11          (6) *Section 351(h), relating to hazardous duty*  
12 *pay.*

13          (7) *Section 352(g), relating to assignment pay or*  
14 *special duty pay.*

15          (8) *Section 353(i), relating to skill incentive pay*  
16 *or proficiency bonus.*

17          (9) *Section 355(h), relating to retention incen-*  
18 *tives for members qualified in critical military skills*  
19 *or assigned to high priority units.*

20          (e) *AUTHORITY TO PROVIDE TEMPORARY INCREASE IN*  
21 *RATES OF BASIC ALLOWANCE FOR HOUSING.—Section*  
22 *403(b)(7)(E) of title 37, United States Code, is amended*  
23 *by striking “December 31, 2018” and inserting “December*  
24 *31, 2019”.*

1                   ***Subtitle C—Other Matters***

2   ***SEC. 621 . EXPANSIONS OF INSTALLATION BENEFITS TO***  
 3                   ***SURVIVING SPOUSES, DEPENDENT CHIL-***  
 4                   ***DREN, AND OTHER NEXT OF KIN.***

5           ***(a) ISSUANCE OF GOLD STAR INSTALLATION ACCESS***  
 6   ***CARDS.—***

7                   ***(1) ISSUANCE AND CONDITIONS ON USE.—***

8                               ***(A) IN GENERAL.—****Chapter 57 of title 10,*  
 9                               *United States Code, is amended by inserting*  
 10                              *after section 1126 the following new section:*

11   ***“§ 1126a. Gold Star Installation Access Card: issuance***  
 12                              ***and protections***

13                   ***“(a) ISSUANCE TO GOLD STAR SURVIVING SPOUSE***  
 14   ***AND DEPENDENT CHILDREN OF DECEASED MEMBER RE-***  
 15   ***QUIRED.—****The Secretary concerned shall provide for the*  
 16   *issuance of a standardized Gold Star Installation Access*  
 17   *Card to the widow and dependent children of a deceased*  
 18   *member of the armed forces described in section 1126(a) of*  
 19   *this title to facilitate their ability to gain unescorted access*  
 20   *to military installations for the purpose of attending memo-*  
 21   *rial events, visiting gravesites, and obtaining the on-instal-*  
 22   *lation services and benefits to which they are entitled or*  
 23   *eligible.*

24                   ***“(b) ISSUANCE TO OTHER NEXT OF KIN AUTHOR-***  
 25   ***IZED.—****At the discretion of the Secretary concerned, the*

1 *Secretary concerned may provide the Gold Star Installation*  
2 *Access Card to the parents and other next of kin of a de-*  
3 *ceased member of the armed forces described in section*  
4 *1126(a) of this title.*

5       “(c) *SERVICE-WIDE ACCEPTANCE OF ACCESS CARD.—*  
6 *The Secretaries concerned shall work together to ensure that*  
7 *a Gold Star Installation Access Card issued by one armed*  
8 *force is accepted for access to military installations under*  
9 *the jurisdiction of another armed force.*

10       “(d) *PROTECTION OF INSTALLATION SECURITY.—In*  
11 *developing, issuing, and accepting the Gold Star Installa-*  
12 *tion Access Card, the Secretary concerned may take such*  
13 *measures as the Secretary concerned considers necessary—*

14               “(1) *to prevent fraud in the procurement or use*  
15 *of the Gold Star Installation Access Card;*

16               “(2) *to limit installation access to those areas of*  
17 *the installation that provide the services and benefits*  
18 *for which the recipient of the Gold Star Installation*  
19 *Access Card is entitled or eligible; and*

20               “(3) *to ensure that the availability and use of*  
21 *the Gold Star Installation Access Card does not ad-*  
22 *versely affect military installation security.*

23       “(e) *TERMINATION.—The Gold Star Installation Ac-*  
24 *cess Card for the widow and dependent children of a de-*  
25 *ceased member of the armed forces shall remain valid for*

1 *the life of the widow or child, regardless of subsequent mar-*  
 2 *ital status of the widow, subject to periodic renewal as de-*  
 3 *termined by the Secretary concerned to ensure military in-*  
 4 *stallation security.”.*

5 (B) *CLERICAL AMENDMENT.*—*The table of*  
 6 *sections at the beginning of chapter 57 of title*  
 7 *10, United States Code, is amended by inserting*  
 8 *after the item relating to section 1126 the fol-*  
 9 *lowing new item:*

*“1126a. Gold Star Installation Access Card: issuance and protections.”.*

10 (2) *APPLICABILITY OF CURRENT DEFINITIONS.*—  
 11 *Section 1126(d) of title 10, United States Code is*  
 12 *amended by striking the matter preceding paragraph*  
 13 *(1) and inserting the following: “In this section and*  
 14 *section 1126a of this title:”.*

15 (b) *EXTENSION OF COMMISSARY AND EXCHANGE BEN-*  
 16 *EFITS FOR REMARRIED SPOUSES WITH DEPENDENT CHIL-*  
 17 *DREN.*—

18 (1) *BENEFITS.*—*Section 1062 of title 10, United*  
 19 *States Code, is amended—*

20 (A) *by striking “The Secretary of Defense”*  
 21 *and inserting the following:*

22 *“(a) CERTAIN UNREARRIED FORMER SPOUSES.—*  
 23 *The Secretary of Defense”; and*

24 (B) *by adding at the end the following new*  
 25 *subsection:*



1       “(b) *CERTAIN REMARRIED SURVIVING SPOUSES.*—The  
2 *Secretary of Defense shall prescribe such regulations as may*  
3 *be necessary to provide that a surviving spouse of a deceased*  
4 *member of the armed forces, regardless of the marital status*  
5 *of the surviving spouse, who has guardianship of dependent*  
6 *children of the deceased member is entitled to use com-*  
7 *missary stores and MWR retail facilities to the same extent*  
8 *and on the same basis as the unremarried surviving spouse*  
9 *of a member of the uniformed services.”.*

10           (2) *CONFORMING AMENDMENTS.*—Section 1062  
11 *of title 10, United States Code, is further amended—*

12                   (A) *by striking “commissary and exchange*  
13 *privileges” and inserting “use commissary stores*  
14 *and MWR retail facilities”;* and

15                   (B) *by adding at the end the following new*  
16 *subsection:*

17       “(c) *MWR RETAIL FACILITIES.*—The term ‘MWR re-  
18 *tail facilities’ has the meaning given that term in section*  
19 *1063(e) of this title.”.*

20           (3) *CLERICAL AMENDMENTS.*—

21                   (A) *SECTION HEADING.*—The heading of  
22 *section 1062 of title 10, United States Code, is*  
23 *amended to read as follows:*

1 **“§ 1062. Certain former spouses and surviving**  
 2 **spouses”.**

3 (B) *TABLE OF SECTIONS.*—*The table of sec-*  
 4 *tions at the beginning of chapter 54 of title 10,*  
 5 *United States Code, is amended by striking the*  
 6 *item relating to section 1062 and inserting the*  
 7 *following new item:*

*“1062. Certain former spouses and surviving spouses.”.*

8 **SEC. 622 . TRANSPORTATION ON MILITARY AIRCRAFT ON A**  
 9 **SPACE-AVAILABLE BASIS FOR DISABLED VET-**  
 10 **ERANS WITH A SERVICE-CONNECTED, PERMA-**  
 11 **NENT DISABILITY RATED AS TOTAL.**

12 (a) *AVAILABILITY OF TRANSPORTATION.*—*Section*  
 13 *2641b of title 10, United States Code, is amended—*

14 (1) *by redesignating subsection (f) as subsection*  
 15 *(g); and*

16 (2) *by inserting after subsection (e) the following*  
 17 *new subsection (f):*

18 *“(f) SPECIAL PRIORITY FOR CERTAIN DISABLED VET-*  
 19 *ERANS.—(1) The Secretary of Defense shall provide trans-*  
 20 *portation on scheduled and unscheduled military flights*  
 21 *within the continental United States and on scheduled over-*  
 22 *seas flights operated by the Air Mobility Command on a*  
 23 *space-available basis for any veteran with a service-con-*  
 24 *nected, permanent disability rated as total on the same*

1 *basis as such transportation is provided to members of the*  
2 *armed forces entitled to retired or retainer pay.*

3       “(2) *The transportation priority required by para-*  
4 *graph (1) for veterans described in such paragraph applies*  
5 *whether or not the Secretary establishes the travel program*  
6 *authorized by this section.*

7       “(3) *In this subsection, the terms ‘veteran’ and ‘serv-*  
8 *ice-connected’ have the meanings given those terms in sec-*  
9 *tion 101 of title 38.”.*

10       **(b) EFFECTIVE DATE.**—*Subsection (f) of section 2641b*  
11 *of title 10, United States Code, as added by subsection (a),*  
12 *shall take effect at the end of the 90-day period beginning*  
13 *on the date of the enactment of this Act.*

14 **SEC. 623 . EXTENSION OF PARKING EXPENSES ALLOWANCE**  
15                   **TO CIVILIAN EMPLOYEES AT RECRUITING FA-**  
16                   **CILITIES.**

17       *Section 481i(b)(1) of title 37, United States Code, is*  
18 *amended by striking “as a recruiter for any” and inserting*  
19 *“at a recruiting facility”.*

20 **SEC. 624 . ADVISORY BOARDS REGARDING MILITARY COM-**  
21                   **MISSARIES AND EXCHANGES.**

22       *The Secretary of Defense shall direct each commanding*  
23 *officer of a military base on which there is a military com-*  
24 *missary or exchange to establish an advisory board, com-*  
25 *prised of representatives of military or veterans service or-*

1 ganizations, to advise the commanding officer regarding the  
2 interests of patrons and beneficiaries of military com-  
3 missaries and exchanges.

4 **SEC. 625 . STUDY AND REPORT ON DEVELOPMENT OF A SIN-**  
5 **GLE DEFENSE RESALE SYSTEM.**

6 (a) *STUDY.*—The Secretary of Defense shall conduct a  
7 study to determine the feasibility of consolidating the mili-  
8 tary resale entities into a single defense resale system. Such  
9 study shall include the following:

10 (1) *A financial assessment of consolidation of the*  
11 *military resale entities.*

12 (2) *A business case analysis of consolidation of*  
13 *the military resale entities.*

14 (3) *Organizational, operational, and business*  
15 *model integration plans for consolidation of the mili-*  
16 *tary resale entities.*

17 (4) *Determinations of which back-office processes*  
18 *and systems associated with finance and payment*  
19 *processing technologies the Secretary could convert to*  
20 *common technologies.*

21 (b) *REPORT.*—Not later than January 1, 2019, the  
22 Secretary shall submit a report to the congressional defense  
23 committees regarding the study under subsection (a). That  
24 report shall contain the following:

1           (1) *Details of the internal and external organiza-*  
2           *tional structures of a consolidated defense resale sys-*  
3           *tem.*

4           (2) *Recommendations of the Secretaries of each*  
5           *of the military departments regarding the plan to*  
6           *consolidate the military resale entities.*

7           (3) *The costs and associated plan for the merger*  
8           *of technologies or implementation of new technology*  
9           *from a third-party provider to standardize financial*  
10          *management and accounting processes of a consoli-*  
11          *dated defense resale system.*

12          (4) *Best practices to maximize reductions in*  
13          *costs associated with back-office retail payment proc-*  
14          *essing for a consolidated defense resale system.*

15          (5) *A timeline for converting the Defense Com-*  
16          *missary Agency into a non-appropriated fund instru-*  
17          *mentality under section 2484(j) of title 10, United*  
18          *States Code.*

19          (6) *A determination whether the business case*  
20          *analysis supports consolidation of the military resale*  
21          *entities.*

22          (7) *Recommendations of the Secretary for legis-*  
23          *lation related to consolidation of the military resale*  
24          *entities.*

1           (8) *Other elements the Secretary determines are*  
 2           *necessary for a successful evaluation of a consolida-*  
 3           *tion of the military resale entities.*

4           (c) *PROHIBITION ON USE OF FUNDS.—None of the*  
 5           *amounts authorized to be appropriated or otherwise made*  
 6           *available in this Act may be obligated or expended for the*  
 7           *purpose of implementing consolidation of the military re-*  
 8           *sale entities until October 1, 2019.*

9           (d) *MILITARY RESALE ENTITIES DEFINED.—In this*  
 10          *section the term “military resale entities” means—*

11                   (1) *the Defense Commissary Agency;*

12                   (2) *the Army and Air Force Exchange Service;*

13                   (3) *the Navy Exchange; and*

14                   (4) *the Marine Corps Exchange.*

## 15                   **TITLE VII—HEALTH CARE**

### 16                                   **PROVISIONS**

#### 17                   **Subtitle A—TRICARE and Other**

#### 18                                   **Health Care Benefits**

#### 19           **SEC. 701. TRICARE MEDICARE ADVANTAGE DEMONSTRA-** 20                                   **TION PROGRAM.**

21           (a) *ESTABLISHMENT.—*

22                   (1) *IN GENERAL.—Not later than two years after*  
 23           *the date of the enactment of this Act, the Secretary of*  
 24           *Defense, in consultation with the Secretary of Health*  
 25           *and Human Services, shall carry out a demonstration*

1        *program under which, notwithstanding section*  
2        *1851(c)(3) of the Social Security Act (42 U.S.C.*  
3        *1395w-21(c)(3)), each covered individual is deemed,*  
4        *unless the individual (in accordance with a process*  
5        *specified by the Secretaries) elects otherwise, to have*  
6        *elected to receive benefits under title XVIII of such*  
7        *Act (42 U.S.C. 1395 et seq.) through a participating*  
8        *MA plan, with respect to the military health system*  
9        *region involved, (and shall be enrolled in such plan)*  
10       *for each plan year during which such demonstration*  
11       *program is carried out. In carrying out the dem-*  
12       *onstration program, the Secretary shall ensure that a*  
13       *covered individual who is enrolled in an MA plan in*  
14       *a military health system region selected under para-*  
15       *graph (3) that is not a participating MA plan may*  
16       *remain in such non-participating MA plan without*  
17       *making an election through such process specified in*  
18       *the previous sentence.*

19                (2) *DURATION.*—*Subject to subsection (d), the*  
20        *demonstration program established under paragraph*  
21        *(1) shall be carried out for a period of not less than*  
22        *two plan years.*

23                (b) *PARTICIPATING MA PLANS.*—

24                        (1) *DEFINITION.*—*For purposes of this section,*  
25        *the term “participating MA plan” means, with re-*

1 *spect to a military health system region selected*  
2 *under paragraph (3) and a plan year beginning dur-*  
3 *ing the period during which the demonstration project*  
4 *is carried out, an eligible Medicare Advantage plan*  
5 *that enters into a contract under paragraph (2) with*  
6 *the Secretary of Defense to participate in the dem-*  
7 *onstration program under this section for such plan*  
8 *year.*

9 (2) *SELECTION OF PLANS.—*

10 (A) *IN GENERAL.—The Secretary shall,*  
11 *after consultation with the TRICARE managed*  
12 *care support contractor in each military health*  
13 *system region selected under paragraph (3) and*  
14 *with respect to each plan year beginning the pe-*  
15 *riod during which such demonstration program*  
16 *is carried out, enter into a contract with one or*  
17 *more eligible Medicare Advantage plans de-*  
18 *scribed in subparagraph (B) to participate in*  
19 *the demonstration program for such plan year,*  
20 *with respect to such military health system re-*  
21 *gion. Under such contract, the Medicare Advan-*  
22 *tage organization offering such plan, with re-*  
23 *spect to such military health system region, shall*  
24 *agree to provide coverage under such plan to all*



1 covered individuals residing in such region dur-  
2 ing such plan year.

3 (B) *ELIGIBLE MEDICARE ADVANTAGE*  
4 *PLAN.*—For purposes of this section, an eligible  
5 Medicare Advantage plan, with respect to a mili-  
6 tary health system region selected under para-  
7 graph (3), is an MA plan that satisfies the fol-  
8 lowing conditions, with respect to a plan year  
9 beginning during the period during which the  
10 demonstration program is carried out:

11 (i) *The Medicare Advantage organiza-*  
12 *tion offering the plan has in effect a con-*  
13 *tract with the Secretary of Health and*  
14 *Human Services under section 1857 of the*  
15 *Social Security Act (42 U.S.C. 1395w–27)*  
16 *for offering such plan to MA eligible indi-*  
17 *viduals in such military health system re-*  
18 *gion with respect to such plan year.*

19 (ii) *The plan is, or is treated as, a*  
20 *qualifying plan under section 1853(o)(3) of*  
21 *such Act (42 U.S.C. 1395w–23(o)(3)), with*  
22 *respect to such plan year.*

23 (3) *SELECTION OF MILITARY HEALTH SYSTEM*  
24 *REGIONS.*—The Secretary shall select two military  
25 health system regions in which to carry out the dem-

1        *onstration program, one from each TRICARE man-*  
2        *aged care support contractor region. Each such region*  
3        *shall have a large concentration of beneficiaries eligi-*  
4        *ble for TRICARE for Life.*

5        *(c) COSTS OF PROGRAM.—*

6            *(1) DEPARTMENT OF DEFENSE.—The Secretary*  
7        *shall bear the costs to the Department of Defense and*  
8        *realize any potential savings to the Department that*  
9        *result from the demonstration program.*

10          *(2) COST NEUTRALITY.—The costs paid under*  
11        *the demonstration program by the United States to*  
12        *the participating Medicare Advantage plans, and the*  
13        *costs paid by the United States pursuant to*  
14        *TRICARE for Life, for the period of the demonstra-*  
15        *tion program, with respect to covered individuals en-*  
16        *rolled in such plans during such period, may not ex-*  
17        *ceed the estimated costs that would have been paid by*  
18        *the United States during such period for providing*  
19        *health care benefits to such individuals through the*  
20        *original Medicare fee-for-service program under parts*  
21        *A and B of title XVIII of the Social Security Act and*  
22        *TRICARE for Life, as adjusted to account for the age,*  
23        *location, and health status of the population.*

24        *(d) CERTIFICATIONS REQUIRED TO CARRY OUT PRO-*

25        *GRAM.—*

1           (1) *CERTIFICATIONS.*—Not later than one year  
2           after the date of the enactment of this Act, and annu-  
3           ally thereafter for each plan year occurring during  
4           the period during which the demonstration program  
5           is carried out, the Secretary shall submit to the ap-  
6           propriate congressional committees a report and cer-  
7           tification on the demonstration program. If the Sec-  
8           retary does not submit the certification by such date  
9           each year, the Secretary may not carry out the dem-  
10          onstration program for the plan year or any subse-  
11          quent plan year.

12          (2) *ELEMENTS.*—Each report and certification  
13          under paragraph (1), with respect to a plan year,  
14          shall include the following:

15                (A) *Except for the first report and certifi-*  
16                *cation submitted under paragraph (1)—*

17                    (i) *a certification that the demonstra-*  
18                    *tion program maintains cost neutrality*  
19                    *pursuant to subsection (c)(2);*

20                    (ii) *the number of covered individuals*  
21                    *eligible to be enrolled in the demonstration*  
22                    *program and the number of covered individ-*  
23                    *uals who opted out of such enrollment in*  
24                    *each participating MA plan in each such*  
25                    *region; and*

1                   (iii) an assessment of the number of  
2 covered individuals enrolled in partici-  
3 pating Medicare Advantage plans under the  
4 demonstration program that have reached  
5 the limit on out-of-pocket expenditures ap-  
6 plied under the respective plan.

7                   (B) A certification that the access standards  
8 for the TRICARE program are met in the Medi-  
9 care Advantage plans selected under subsection  
10 (b)(2).

11                  (C) A description of the average premium  
12 rates, and copayments or cost sharing, if any,  
13 for each participating MA plan in each military  
14 health system region selected under subsection  
15 (b)(3).

16                  (D) A description of the quality rating de-  
17 termined under the 5-star rating system under  
18 section 1853(o)(4) of the Social Security Act (42  
19 U.S.C. 1395w-23(o)(4)) for such plan year for  
20 each participating MA plan.

21                  (E) Any recommendations by the Secretary  
22 with respect to any legislative actions to improve  
23 the demonstration program.

24                  (e) REPORT.—Not later than three years after the date  
25 of the enactment of this Act, the Secretary shall submit to

1 *the appropriate congressional committees a report pro-*  
2 *viding a comprehensive assessment of the demonstration*  
3 *program.*

4 (f) *REGULATIONS.—*

5 (1) *IN GENERAL.—The Secretary may prescribe*  
6 *regulations to expeditiously implement the demonstra-*  
7 *tion program under subsection (a).*

8 (2) *RULEMAKING.—The Secretary shall carry*  
9 *out paragraph (1)—*

10 (A) *by prescribing an interim final rule;*

11 *and*

12 (B) *not later than 180 days after pre-*  
13 *scribing such interim final rule and considering*  
14 *public comments with respect to such interim*  
15 *final rule, by prescribing a final rule.*

16 (g) *DEFINITIONS.—In this section:*

17 (1) *The term “appropriate congressional com-*  
18 *mittees” means—*

19 (A) *the Committees on Armed Services,*  
20 *Ways and Means, and Energy and Commerce of*  
21 *the House of Representatives; and*

22 (B) *the Committees on Armed Services, Fi-*  
23 *nance, and Health, Education, Labor, and Pen-*  
24 *sions of the Senate.*

1           (2) *The term “covered individual” means an in-*  
2 *dividual who—*

3                 (A) *is a Medicare Advantage eligible indi-*  
4 *vidual (as defined in section 1851(a)(3) of the*  
5 *Social Security Act (42 U.S.C. 1395w-*  
6 *21(a)(3))*);

7                 (B) *is enrolled in TRICARE for Life; and*

8                 (C) *resides in a ZIP Code that is located—*

9                         (i) *in a military health system region*  
10 *selected under subsection (b)(3); and*

11                        (ii) *at least 40 miles from a military*  
12 *medical center or a military hospital de-*  
13 *scribed in subsections (b) and (c) of section*  
14 *1073d of title 10, United States Code.*

15           (3) *The term “Medicare Advantage organiza-*  
16 *tion” has the meaning given that term in section*  
17 *1859 of the Social Security Act (42 U.S.C. 1395w-*  
18 *28).*

19           (4) *The term “Medicare Advantage plan” means*  
20 *a health plan under part C of title XVIII of the So-*  
21 *cial Security Act (42 U.S.C. 1395w-21 et seq.).*

22           (5) *The term “plan year” has the meaning given*  
23 *such term for purposes of such part.*

24           (6) *The term “Secretary” means the Secretary of*  
25 *Defense.*

1           (7) *The terms “TRICARE program” and*  
2           *“TRICARE for Life” have the meanings given those*  
3           *terms in section 1072 of title 10, United States Code.*

4 **SEC. 702. PILOT PROGRAM ON TREATMENT OF MEMBERS OF**  
5           **THE ARMED FORCES FOR POST-TRAUMATIC**  
6           **STRESS DISORDER RELATED TO MILITARY**  
7           **SEXUAL TRAUMA.**

8           (a) *IN GENERAL.—The Secretary of Defense may*  
9           *carry out a pilot program to assess the feasibility and ad-*  
10           *visability of using intensive outpatient programs to treat*  
11           *members of the Armed Forces suffering from post-traumatic*  
12           *stress disorder resulting from military sexual trauma, in-*  
13           *cluding treatment for substance abuse, depression, and other*  
14           *issues related to such conditions.*

15           (b) *DISCHARGE THROUGH PARTNERSHIPS.—The pilot*  
16           *program authorized by subsection (a) shall be carried out*  
17           *through partnerships with public, private, and non-profit*  
18           *health care organizations and institutions that—*

19                   (1) *provide health care to members of the Armed*  
20           *Forces;*

21                   (2) *provide evidence-based treatment for psycho-*  
22           *logical and neurological conditions that are common*  
23           *among members of the Armed Forces, including post-*  
24           *traumatic stress disorder, traumatic brain injury,*  
25           *substance abuse, and depression;*

1           (3) provide health care, support, and other bene-  
2           fits to family members of members of the Armed  
3           Forces; and

4           (4) provide health care under the TRICARE pro-  
5           gram (as that term is defined in section 1072 of title  
6           10, United States Code).

7           (c) PROGRAM ACTIVITIES.—Each organization or in-  
8           stitution that participates in a partnership under the pilot  
9           program authorized by subsection (a) shall—

10           (1) carry out intensive outpatient programs of  
11           short duration to treat members of the Armed Forces  
12           suffering from post-traumatic stress disorder resulting  
13           from military sexual trauma, including treatment for  
14           substance abuse, depression, and other issues related  
15           to such conditions;

16           (2) use evidence-based and evidence-informed  
17           treatment strategies in carrying out such programs;

18           (3) share clinical and outreach best practices  
19           with other organizations and institutions partici-  
20           pating in the pilot program; and

21           (4) annually assess outcomes for members of the  
22           Armed Forces individually and among the organiza-  
23           tions and institutions participating in the pilot pro-  
24           gram with respect to the treatment of conditions de-  
25           scribed in paragraph (1).



1       (d) *EVALUATION METRICS.*—*Before commencement of*  
2 *the pilot program, the Secretary shall establish metrics to*  
3 *be used to evaluate the effectiveness of the pilot program*  
4 *and the activities under the pilot program.*

5       (e) *REPORTS.*—

6           (1) *INITIAL REPORT.*—*Not later than 180 days*  
7 *after the date of the enactment of this Act, the Sec-*  
8 *retary shall submit to the Committees on Armed Serv-*  
9 *ices of the Senate and the House of Representatives a*  
10 *report on the pilot program authorized by subsection*  
11 *(a). The report shall include a description of the pilot*  
12 *program and such other matters on the pilot program*  
13 *as the Secretary considers appropriate.*

14           (2) *FINAL REPORT.*—*Not later than 180 days*  
15 *after the cessation of the pilot program under sub-*  
16 *section (f), the Secretary shall submit to the commit-*  
17 *tees of Congress referred to in paragraph (1) a report*  
18 *on the pilot program. The report shall include the fol-*  
19 *lowing:*

20                   (A) *A description of the pilot program, in-*  
21 *cluding the partnership under the pilot program*  
22 *as described in subsection (b).*

23                   (B) *An assessment of the effectiveness of the*  
24 *pilot program and the activities under the pilot*  
25 *program.*



1        *date that is one year after the retirement, separation,*  
2        *or release of the member from the Armed Forces.*

3            (2) *CONTINUED CRYOPRESERVATION AND STOR-*  
4        *AGE.—At the end of the one-year period specified in*  
5        *paragraph (1), the Secretary shall permit an indi-*  
6        *vidual whose gametes were cryopreserved and stored*  
7        *in a facility of the Department as described in that*  
8        *paragraph to select, including pursuant to an ad-*  
9        *vance medical directive or military testamentary in-*  
10       *strument completed under subsection (c), one of the*  
11       *following options:*

12            (A) *To continue such cryopreservation and*  
13        *storage in such facility with the cost of such*  
14        *cryopreservation and storage borne by the indi-*  
15        *vidual.*

16            (B) *To transfer the gametes to a private*  
17        *cryopreservation and storage facility selected by*  
18        *the individual.*

19            (3) *DISPOSAL OF GAMETES.—If an individual*  
20        *described in paragraph (2) does not make a selection*  
21        *under subparagraph (A) or (B) of such paragraph,*  
22        *the Secretary may dispose of the gametes of the indi-*  
23        *vidual not earlier than the date that is 90 days after*  
24        *the end of the one-year period specified in paragraph*  
25        *(1) with respect to the individual.*

1           (c) *ADVANCE MEDICAL DIRECTIVE AND MILITARY*  
2 *TESTAMENTARY INSTRUMENT.*—A member of the Armed  
3 Forces who elects to cryopreserve and store their gametes  
4 under this section must complete an advance medical direc-  
5 tive, as defined in section 1044c(b) of title 10, United States  
6 Code, and a military testamentary instrument, as defined  
7 in section 1044d(b) of such title, that explicitly specifies the  
8 use of their cryopreserved and stored gametes if such mem-  
9 ber dies or otherwise loses the capacity to consent to the  
10 use of their cryopreserved and stored gametes.

11           (d) *AGREEMENTS.*—To carry out this section, the Sec-  
12 retary may enter into agreements with private entities that  
13 provide cryopreservation and storage services for gametes.

14                           ***Subtitle B—Health Care***  
15                           ***Administration***

16 ***SEC. 711. TRANSITION OF ADMINISTRATION BY DEFENSE***  
17                           ***HEALTH AGENCY OF MILITARY MEDICAL***  
18                           ***TREATMENT FACILITIES.***

19           Section 1073c(a) of title 10, United States Code, is  
20 amended—

21                   (1) in paragraph (1), by striking “Beginning  
22                   October 1, 2018,” and inserting “In accordance with  
23                   paragraph (3), by not later than September 30,  
24                   2020,”;

1           (2) by redesignating paragraphs (3) and (4) as  
2           paragraphs (4) and (5), respectively;

3           (3) by inserting after paragraph (2) the fol-  
4           lowing new paragraph (3):

5           “(3)(A) *The Secretary of Defense shall establish a*  
6 *timeline to ensure that each Secretary of a military depart-*  
7 *ment transitions the administration of military medical*  
8 *treatment facilities from the respective Secretary to the Di-*  
9 *rector of the Defense Health Agency pursuant to paragraph*  
10 *(1) by the date specified in such paragraph.*

11          “(B) *In carrying out this subsection, and in addition*  
12 *to the requirements under section 1073d(e) of this title, the*  
13 *Secretary of Defense may not close any military medical*  
14 *treatment facility, limit the health services provided by a*  
15 *military medical treatment facility, or take any action to*  
16 *begin such a closure or limitation, until the date on which*  
17 *the Secretary submits to the congressional defense commit-*  
18 *tees a report containing the following:*

19           “(i) *A certification that each Secretary of a mili-*  
20 *tary department has completed the transition of the*  
21 *administration of each military medical treatment fa-*  
22 *cility from the respective Secretary to the Director of*  
23 *the Defense Health Agency pursuant to paragraph*  
24 *(1).*

1           “(ii) A description of the metrics used by the  
2           Secretary of Defense to ensure that such transition is  
3           completed.

4           “(iii) A description of a cohesive headquarters  
5           structure that delineates the roles and responsibilities  
6           for each military department, the Joint Staff Sur-  
7           geon, and the Defense Health Agency.

8           “(C) Not later than January 31, 2019, and every six  
9           months thereafter through September 30, 2020, the Director  
10          of the Defense Health Agency shall provide a briefing to  
11          the congressional defense committees on the progress of the  
12          transition under this paragraph.”; and

13           (4) in paragraph (3), as so redesignated, by  
14          striking “subsection (a)” and inserting “paragraph  
15          (1)”.

16 **SEC. 712. SHARING INFORMATION WITH STATE PRESCRIP-**  
17 **TION DRUG MONITORING PROGRAMS.**

18          (a) *ESTABLISHMENT.*—Section 1074g of title 10,  
19          United States Code, is amended—

20           (1) by redesignating subsections (g) and (h) as  
21          subsections (h) and (i), respectively; and

22           (2) by inserting after subsection (f) the following  
23          new subsection:

24          “(g) *SHARING INFORMATION WITH STATE PRESCRIP-*  
25          *TION DRUG MONITORING PROGRAMS.*—(1) The Secretary

1 *shall establish and operate a prescription drug monitoring*  
2 *program (to be known as the Military Health System Pre-*  
3 *scription Drug Monitoring Program) for prescription drugs*  
4 *provided through facilities of the uniformed services.*

5       “(2) *The Secretary shall ensure that the program es-*  
6 *tablished under paragraph (1)—*

7               “(A) *is comparable to prescription drug moni-*  
8 *toring programs operated by States; and*

9               “(B) *covers prescription drugs provided under*  
10 *the pharmacy benefits program that are controlled*  
11 *substances.*

12       “(3)(A) *In carrying out the program established under*  
13 *paragraph (1), the Secretary shall establish appropriate*  
14 *procedures for sharing between the program and State pre-*  
15 *scription drug monitoring programs patient-specific infor-*  
16 *mation regarding prescription drugs that are controlled*  
17 *substances to prevent the misuse and diversion of opioid*  
18 *medications and other controlled substances.*

19       “(B) *For purposes of the regulations promulgated*  
20 *under section 264(c) of the Health Insurance Portability*  
21 *and Accountability Act of 1996 (Public Law 104–191; 42*  
22 *U.S.C. 1320d–2 note), any disclosure of patient-specific in-*  
23 *formation by the Secretary under subparagraph (A) shall*  
24 *be treated as a permitted disclosure.*

1       “(C) *The Secretary shall include in the procedures es-*  
2 *tablished under subparagraph (A) appropriate safeguards,*  
3 *as determined by the Secretary, concerning the cybersecu-*  
4 *rity of information systems of the Department of Defense*  
5 *systems and the operational security of personnel of the De-*  
6 *partment.*

7       “(4) *In this subsection, the term ‘controlled substance’*  
8 *has the meaning given that term in section 102 of the Con-*  
9 *trolled Substances Act (21 U.S.C. 802).’.*”

10       **(b) BRIEFING.**—*Not later than one year after the date*  
11 *of the enactment of this Act, the Secretary of Defense shall*  
12 *provide to the Committees on Armed Services of the House*  
13 *of Representatives and the Senate a briefing on the imple-*  
14 *mentation of the program established under section*  
15 *1074g(g) of title 10, United States Code, as added by sub-*  
16 *section (a).*

17       **(c) CONFORMING AMENDMENTS.**—

18               **(1) TITLE 10, UNITED STATES CODE.**—*Section*  
19 *1079(q) of title 10, United States Code, is amended*  
20 *by striking “section 1074g(g)” and inserting “section*  
21 *1074g(h)”.*

22               **(2) FY16 NDAA.**—*Section 715(e)(2) of the Na-*  
23 *tional Defense Authorization Act for Fiscal Year 2016*  
24 *(Public Law 114–92; 10 U.S.C. 1074g note) is*



1       amended by striking “section 1074g(g)” and inserting  
2       “section 1074g(h)”.

3               (3) *FY17 NDAA*.—Section 745(b) of the *National*  
4       *Defense Authorization Act for Fiscal Year 2017 (Pub-*  
5       *lic Law 114–328; 10 U.S.C. 1074 note)* is amended  
6       by striking “section 1074g(g)” and inserting “section  
7       1074g(h)”.

8       **SEC. 713. IMPROVEMENT TO NOTIFICATION TO CONGRESS**  
9                       **OF HOSPITALIZATION OF COMBAT-WOUNDED**  
10                      **MEMBERS OF THE ARMED FORCES.**

11       Section 1074l(a) of title 10, *United States Code*, is  
12       amended by striking “admitted to a military treatment fa-  
13       cility within the United States” and inserting “admitted  
14       to any military medical treatment facility”.

15       **SEC. 714. IMPROVEMENTS TO TRAUMA CENTER PARTNER-**  
16                      **SHIPS.**

17       Section 708(c) of the *National Defense Authorization*  
18       *Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.*  
19       *1071 note)* is amended—

20               (1) in paragraph (1), by striking “large metro-  
21       politan teaching hospitals that have level I civilian”;

22               (2) in paragraph (2)—

23                       (A) by striking “with civilian academic  
24       medical centers and large metropolitan teaching  
25       hospitals”; and

1                   (B) by striking “the trauma centers of the  
2                   medical centers and hospitals” and inserting  
3                   “trauma centers”; and

4                   (3) in paragraph (3), by striking “large metro-  
5                   politan teaching hospitals” and inserting “trauma  
6                   centers”.

7 **SEC. 715. WOUNDED WARRIOR POLICY REVIEW.**

8                   (a) *IN GENERAL.*—Not later than 180 days after the  
9                   date of the enactment of this Act, the Secretary of Defense  
10                  shall review and update policies and procedures relating  
11                  to the care and management of recovering service members.  
12                  In conducting such review, the Secretary shall consider best  
13                  practices—

14                         (1) in the care of recovering service members;

15                         (2) in the administrative management relating  
16                         to such care;

17                         (3) to carry out applicable provisions of Federal  
18                         law; and

19                         (4) recommended by the Comptroller General of  
20                         the United States in the report titled “Army Needs to  
21                         Improve Oversight of Warrior Transition Units”.

22                   (b) *SCOPE OF POLICY.*—In carrying out subsection  
23                   (a), the Secretary shall update policies of the Department  
24                   of Defense with respect to each of the following:

1           (1) *The case management coordination of mem-*  
2           *bers of the Armed Forces between the military depart-*  
3           *ments and the military medical treatment facilities*  
4           *administered by the Director of the Defense Health*  
5           *Agency pursuant to section 1073c of title 10, United*  
6           *States Code, including with respect to the coordina-*  
7           *tion of—*

8                   (A) *appointments;*

9                   (B) *rehabilitative services;*

10                  (C) *recuperation in an outpatient status;*

11                  (D) *contract care provided by a private*  
12                  *health care provider outside of a military med-*  
13                  *ical treatment facility;*

14                  (E) *the disability evaluation system; and*

15                  (F) *other administrative functions relating*  
16                  *to the military department.*

17           (2) *The transition of a member of the Armed*  
18           *Forces who is retired under chapter 61 of title 10,*  
19           *United States Code, from receiving treatment fur-*  
20           *nished by the Secretary of Defense to treatment fur-*  
21           *nished by the Secretary of Veterans Affairs.*

22           (3) *Facility standards related to lodging and ac-*  
23           *commodations for recovering service members and the*  
24           *family members and non-medical attendants of such*  
25           *recovering service members.*

1       (c) *REPORT.*—Not later than one year after the date  
2 of the enactment of this Act, the Secretary of Defense and  
3 Secretaries of the military departments shall jointly submit  
4 to the Committees on Armed Services of the Senate and  
5 House of Representatives a report on the review conducted  
6 under subsection (a), including a description of the policies  
7 updated pursuant to subsection (b).

8       (d) *DEFINITIONS.*—In this section, the terms “dis-  
9 ability evaluation system”, “outpatient status”, and “recov-  
10 ering service members” have the meaning given those terms  
11 in section 1602 of the Wounded Warrior Act (title XVI of  
12 Public Law 110–181; 10 U.S.C. 1071 note).

13 **SEC. 716. JOINT FORCE MEDICAL CAPABILITIES DEVELOP-**  
14 **MENT AND STANDARDIZATION.**

15       (a) *DEVELOPMENT.*—The Secretary of Defense, in co-  
16 ordination with the Secretaries of the military departments  
17 and the Chairman of the Joint Chiefs of Staff, shall develop  
18 a process to establish required joint medical capabilities for  
19 members of the Armed Forces that meet the operational  
20 planning requirements of the combatant commands.

21       (b) *PROCESS.*—The process developed under subsection  
22 (a) shall include—

23               (1) the development of a joint medical estimate  
24 to determine the medical requirements for treating  
25 members of the Armed Forces who are wounded, ill,

1       or injured during military operations, including with  
2       respect to environmental health and force health pro-  
3       tection.

4               (2) a process to review and revise military  
5       health related mission essential tasks that are aligned  
6       with health professional knowledge, skills, and abili-  
7       ties; and

8               (3) a process to standardize the interoperability  
9       of medical equipment and capabilities to the greatest  
10       extent practicable to support the joint force.

11       (c) *REPORT.*—Not later than March 1, 2019, the Sec-  
12       retary of Defense shall submit to the Committees on Armed  
13       Services of the Senate and House of Representatives a re-  
14       port describing the process developed under subsection (a).

15               ***Subtitle C—Reports and Other***  
16               ***Matters***

17       ***SEC. 721. ESTABLISHMENT OF TRISERVICE DENTAL RE-***  
18               ***SEARCH PROGRAM.***

19       (a) *IN GENERAL.*—Chapter 104 of title 10, United  
20       States Code, is amended by adding at the end the following  
21       new section:

22       ***“§2117. Military dental research***

23               ***“(a) DEFINITIONS.***—*In this section:*

1           “(1) *The term ‘military dental research’ means*  
2           *research on the furnishing of care and services by*  
3           *dentists in the armed forces.*

4           “(2) *The term ‘TriService Dental Research Pro-*  
5           *gram’ means the program of military dental research*  
6           *authorized under this section.*

7           “(b) *PROGRAM AUTHORIZED.—The Secretary of De-*  
8           *fense may establish at the University a program of military*  
9           *dental research.*

10          “(c) *TRISERVICE RESEARCH GROUP.—The TriService*  
11          *Dental Research Program shall be administered by a*  
12          *TriService Dental Research Group composed of Army,*  
13          *Navy, and Air Force dentists who are involved in military*  
14          *dental research and are designated by the Secretary con-*  
15          *cerned to serve as members of the group.*

16          “(d) *DUTIES OF GROUP.—The TriService Dental Re-*  
17          *search Group shall—*

18                 “(1) *develop for the Department of Defense rec-*  
19                 *ommended guidelines for requesting, reviewing, and*  
20                 *funding proposed military dental research projects;*  
21                 *and*

22                 “(2) *make available to Army, Navy, and Air*  
23                 *Force dentists and Department of Defense officials*  
24                 *concerned with military dental research—*

1           “(A) information about dental research  
2           projects that are being developed or carried out  
3           in the Army, Navy, and Air Force; and

4           “(B) expertise and information beneficial to  
5           the encouragement of meaningful dental research.

6           “(e) RESEARCH TOPICS.—For purposes of this section,  
7           military dental research includes research on the following  
8           issues:

9           “(1) Issues regarding how to improve the results  
10          of dental care and services provided in the armed  
11          forces in time of peace.

12          “(2) Issues regarding how to improve the results  
13          of dental care and services provided in the armed  
14          forces in time of war.

15          “(3) Issues regarding how to improve methods of  
16          training dental personnel.”.

17          (b) CLERICAL AMENDMENT.—The table of sections at  
18          the beginning of such chapter is amended by inserting after  
19          the item relating to section 2116 the following new section:  
            “2117. Military dental research.”.

20       **SEC. 722. INCREASING THE NUMBER OF APPOINTED DIREC-**  
21                               **TORS OF THE HENRY M. JACKSON FOUNDA-**  
22                               **TION FOR THE ADVANCEMENT OF MILITARY**  
23                               **MEDICINE.**

24          Section 178(c)(1)(C) of title 10, United States Code,  
25          is amended to read as follows:

1           “(C) six members appointed by the ex offi-  
2           cio members of the Council designated in sub-  
3           paragraphs (A) and (B).”.

4 **SEC. 723. EXTENSION OF AUTHORITY FOR JOINT DEPART-**  
5 **MENT OF DEFENSE- DEPARTMENT OF VET-**  
6 **ERANS AFFAIRS MEDICAL FACILITY DEM-**  
7 **ONSTRATION FUND.**

8           Section 1704(e) of the National Defense Authorization  
9 Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat.  
10 2573), as most recently amended by section 719 of the Na-  
11 tional Defense Authorization Act for Fiscal Year 2018 (Pub-  
12 lic Law 115–91; 131 Stat. 1440), is further amended by  
13 striking “September 30, 2019” and inserting “September  
14 30, 2020”.

15 **SEC. 724. INCLUSION OF GAMBLING DISORDER IN HEALTH**  
16 **ASSESSMENTS AND RELATED RESEARCH EF-**  
17 **FORTS OF THE DEPARTMENT OF DEFENSE.**

18           (a) **ANNUAL PERIODIC HEALTH ASSESSMENT.**—The  
19 Secretary of Defense shall incorporate medical screening  
20 questions specific to gambling disorder into annual periodic  
21 health assessments conducted by the Department of Defense  
22 for members of the Armed Forces.

23           (b) **RESEARCH EFFORTS.**—The Secretary shall incor-  
24 porate into ongoing research efforts of the Department ques-  
25 tions on gambling disorder, as appropriate, including by



1 *restoring such questions into the Health Related Behaviors*  
2 *Survey of Active Duty Military Personnel.*

3 **SEC. 725. MEDICAL SIMULATION TECHNOLOGY AND LIVE**  
4 **TISSUE TRAINING WITHIN THE DEPARTMENT**  
5 **OF DEFENSE.**

6 (a) *IN GENERAL.*—

7 (1) *USE OF SIMULATION TECHNOLOGY.*—*Except*  
8 *as provided by paragraph (2), the Secretary of De-*  
9 *fense shall use medical simulation technology before*  
10 *the use of live tissue training to train medical profes-*  
11 *sionals and combat medics of the Department of De-*  
12 *fense.*

13 (2) *DETERMINATION.*—*The use of live tissue*  
14 *training within the Department of Defense may be*  
15 *used as determined necessary by the medical chain of*  
16 *command.*

17 (b) *BRIEFING.*—*Not later than 180 days after the date*  
18 *of the enactment of this Act, the Secretary of Defense, in*  
19 *consultation with the Chairman of the Joint Chiefs of Staff*  
20 *and the Secretaries of the military departments, shall pro-*  
21 *vide a briefing to the Committees on Armed Services of the*  
22 *House of Representatives and the Senate on the use and*  
23 *benefit of medical simulation technology and live tissue*  
24 *training within the Department of Defense to train medical*

1 *professionals, combat medics, and members of the Special*  
2 *Operations Forces.*

3 (c) *ELEMENTS.*—*The briefing under subsection (b)*  
4 *shall include the following:*

5 (1) *A discussion of the benefits and needs of both*  
6 *medical simulation technology and live tissue train-*  
7 *ing.*

8 (2) *Ways and means to enhance and advance the*  
9 *use of simulation technologies in training.*

10 (3) *An assessment of current medical simulation*  
11 *technology requirements, gaps, and limitations.*

12 (4) *An overview of Department of Defense med-*  
13 *ical training programs, as of the date of the briefing,*  
14 *that use live tissue training and medical simulation*  
15 *technologies.*

16 (5) *Any other matters the Secretary determines*  
17 *appropriate.*

18 **SEC. 726. LIMITATION ON CHANGES TO FEDERAL EMER-**  
19 **GENCY SERVICES CERTIFICATION LEVELS OF**  
20 **THE AIR FORCE.**

21 *The Secretary of the Air Force may not transition*  
22 *Federal Emergency Services certification levels from Emer-*  
23 *gency Management Technician level to Emergency Medical*  
24 *Responder level until the Secretary submits to the congres-*

1 sional defense committees a report that contains the fol-  
2 lowing:

3           (1) *Details on the process and factors the Air*  
4 *Force Emergency Medical Services Working Group*  
5 *used and considered to determine which military in-*  
6 *stallations would be required to transition Federal*  
7 *Emergency Services certification levels from Emer-*  
8 *gency Medical Technician level to Emergency Medical*  
9 *Responder level.*

10           (2) *The required base and community emergency*  
11 *response standards the Air Force Emergency Medical*  
12 *Services Working Group based such transition on, in-*  
13 *cluding information on where these standards are de-*  
14 *finied and how these standards were developed.*

15           (3) *Information on how the Air Force will meet*  
16 *the needs of trench rescue, water rescue, high angle*  
17 *rescue, and confined space rescue pursuant to Depart-*  
18 *ment of Defense Instructions with less Emergency*  
19 *Management Technician certified personnel.*

20           (4) *Information on the required response time*  
21 *standard for advanced life support and how the Air*  
22 *Force Emergency Medical Services Working Group*  
23 *determined a military installation could meet this*  
24 *standard.*

1           (5) *Details on any contingency plans the Air*  
2           *Force has developed when basic and advance life sup-*  
3           *port care and ambulance transport are unavailable as*  
4           *a result of these resources being used to transport pa-*  
5           *tients to medical facilities located off the military in-*  
6           *stallation.*

7   **SEC. 727. STRATEGIC MEDICAL RESEARCH PLAN.**

8           (a) *PLAN.*—*Not later than 30 days after the date on*  
9           *which the budget of the President for fiscal year 2020 is*  
10           *submitted to Congress pursuant to section 1105 of title 31,*  
11           *United States Code, the Secretary of Defense, in consulta-*  
12           *tion with the Secretaries of the military departments, shall*  
13           *submit to the congressional defense committees a com-*  
14           *prehensive strategic medical research plan.*

15           (b) *MATTERS INCLUDED.*—*The plan under subsection*  
16           *(a) shall include the following:*

17                   (1) *A description of all medical research focus*  
18                   *areas of the Department of Defense and a description*  
19                   *of the coordination process to ensure the focus areas*  
20                   *are linked to military readiness, joint force require-*  
21                   *ments, and relevance to individuals eligible for care*  
22                   *at military medical treatment facilities or through the*  
23                   *TRICARE program.*

24                   (2) *A description of the medical research projects*  
25                   *funded under the Defense Health Program account*

1       *and the projects under the Congressional Directed*  
2       *Medical Research Programs.*

3               (3) *A description of the process to ensure synergy*  
4       *across the military medical research community to*  
5       *address gaps in military medical research, minimize*  
6       *duplication of research, and to promote collaboration*  
7       *within research focus areas.*

8               (4) *A description of the efforts of the Secretary*  
9       *to coordinate with other departments and agencies of*  
10       *the Federal Government to increase awareness of com-*  
11       *plementary medical research efforts that are being*  
12       *carried out through the Federal Government.*

13   **SEC. 728. INDEPENDENT EVALUATION OF MENTAL HEALTH**  
14               **CARE.**

15               (a) *IN GENERAL.*—*The Secretary of Defense shall seek*  
16       *to enter into an agreement with a federally funded research*  
17       *and development center to evaluate the management of men-*  
18       *tal health care by the Defense Health Agency pursuant to*  
19       *section 1073c(a) of title 10, United States Code.*

20               (b) *SELECTION.*—*The Secretary shall select a federally*  
21       *funded research and development center under subsection*  
22       *(a) that has expertise and a record of independent, peer-*  
23       *reviewed publications with respect to—*

24                       (1) *behavioral health research; and*

1           (2) *independent evaluations of mental health*  
2           *programs within the Department of Defense using*  
3           *multidisciplinary methods.*

4           (c) *MATTERS INCLUDED.—The evaluation under sub-*  
5           *section (a) shall include the following:*

6           (1) *An assessment of the management of mental*  
7           *health care by the Defense Health Agency, includ-*  
8           *ing—*

9                   (A) *how mental health care providers will*  
10                  *be arranged within the command structure of the*  
11                  *Agency; and*

12                   (B) *how mental health care policy and*  
13                  *processes will be managed within the Agency.*

14           (2) *An assessment of the ability of each Surgeon*  
15           *General of the military departments to maintain the*  
16           *readiness of the military health workforce to deliver*  
17           *mental health care services operationally in support*  
18           *of deployed forces.*

19           (3) *An assessment of the coordination of behav-*  
20           *ioral health research efforts across the research con-*  
21           *tinuum.*

22           (4) *An assessment of the inclusion of evidence-*  
23           *based suicide prevention programs.*

24           (5) *A description of new processes to accelerate*  
25           *scientific research and delivery of breakthrough thera-*

1        *pies for traumatic brain injury, chronic traumatic*  
2        *encephalopathy, and post-traumatic stress disorder.*

3            *(6) Plans to field medical devices approved by*  
4        *the Food and Drug Administration that provide cli-*  
5        *nicians with rapid, accurate assessments of traumatic*  
6        *brain injury.*

7        *(d) SUBMISSION.—Not later than April 1, 2019, the*  
8        *Secretary shall submit to the congressional defense commit-*  
9        *tees a report on the evaluation under subsection (a).*

10    **SEC. 729. STUDY ON REIMBURSEMENT RATES FOR MENTAL**  
11                    **HEALTH CARE PROVIDERS UNDER TRICARE**  
12                    **PRIME AND TRICARE SELECT IN THE EAST**  
13                    **AND WEST REGIONS OF THE TRICARE PRO-**  
14                    **GRAM.**

15        *(a) STUDY.—The Secretary of Defense shall conduct a*  
16        *study assessing the impact of using established rates to re-*  
17        *imburse covered mental health care providers on the avail-*  
18        *ability of such providers.*

19        *(b) ELEMENTS.—The study under subsection (a) shall*  
20        *include the following:*

21            *(1) An evaluation of—*

22                    *(A) whether there are enough covered mental*  
23                    *health care providers to adequately serve the*  
24                    *beneficiaries under TRICARE Prime and the*  
25                    *beneficiaries under TRICARE Select of each lo-*

1           *cality in the East and West regions of the*  
2           *TRICARE program, including in rural commu-*  
3           *nities in such regions; and*

4                   *(B) whether the requirements under sections*  
5           *1079 (h)(1) and 1097b of title 10, United States*  
6           *Code, to use established rates to reimburse cov-*  
7           *ered mental health care providers limits the*  
8           *number of covered health care providers serving*  
9           *each locality in the East and West regions of the*  
10          *TRICARE program, including in rural commu-*  
11          *nities in such regions.*

12           *(2) An assessment of the impact of using estab-*  
13          *lished rates to reimburse covered mental health care*  
14          *providers on—*

15                   *(A) the ability of beneficiaries under*  
16          *TRICARE Prime and beneficiaries under*  
17          *TRICARE Select beneficiaries to access appro-*  
18          *priate and timely mental health care in accord-*  
19          *ance with section 199.17 of title 32, Code of Fed-*  
20          *eral Regulations; and*

21                   *(B) the availability of services provided by*  
22          *mental health care providers that are needed by*  
23          *members of the Armed Forces to be medically*  
24          *ready.*



1           (3) *Information about instances in which the*  
2           *Secretary provided or applied exceptions to estab-*  
3           *lished rates pursuant to sections 1079(h)(2) of title*  
4           *10, United States Code, to increase the number of cov-*  
5           *ered mental health care providers.*

6           (4) *A description of how the Secretary solicits*  
7           *and collects feedback from covered mental health care*  
8           *providers on established rates.*

9           (5) *A list of actions the Secretary has taken to*  
10          *address such feedback.*

11          (6) *Any legislative, regulatory, or policy rec-*  
12          *ommendations that are necessary to improve the over-*  
13          *all medical readiness of Armed Forces.*

14          (c) *REPORT.*—*Not later than one year after the date*  
15          *of the enactment of this Act, the Secretary shall submit to*  
16          *the Committee on Armed Services of the House of Represent-*  
17          *atives and the Committee on the Armed Services of the Sen-*  
18          *ate a report on the results of the study required under sub-*  
19          *section (a).*

20          (d) *BRIEFING.*—*Not later than 60 days after the date*  
21          *on which the report required under subsection (c) is sub-*  
22          *mitted to the Committee on Armed Services of the House*  
23          *of Representatives and the Committee on Armed Services*  
24          *of the Senate, the Secretary shall provide a briefing to such*

1 *committees on the results of the study required under sub-*  
2 *section (a).*

3 *(e) COMPTROLLER GENERAL REVIEW AND REPORT.—*

4 *Not later than 180 days after the date on which the report*  
5 *under subsection (c) is submitted to the Committee on*  
6 *Armed Services of the House of Representatives and the*  
7 *Committee on Armed Services of the Senate, the Comp-*  
8 *troller General of the United States shall—*

9 *(1) review the report required under subsection*  
10 *(c); and*

11 *(2) submit to the Committee on Armed Services*  
12 *of the House of Representatives and the Committee on*  
13 *Armed Services of the Senate an assessment of—*

14 *(A) whether the results of the study required*  
15 *under subsection (a) are supported by the data*  
16 *and information examined in the study required*  
17 *under subsection (a); and*

18 *(B) the feasibility of any recommendations*  
19 *identified by the Secretary under subsection*  
20 *(b)(6).*

21 *(f) DEFINITIONS.—In this section:*

22 *(1) The term “established rate” means the pay-*  
23 *ment amount determined by the Secretary pursuant*  
24 *to sections 1079(h)(1) and 1097b of title 10, United*

1 *States Code, and section 199.14 of title 32, Code of*  
2 *Federal Regulations.*

3 (2) *The term “covered mental health care pro-*  
4 *vider” means a mental health care provider under*  
5 *TRICARE Prime and TRICARE Select in the East*  
6 *and West regions of the TRICARE program.*

7 (3) *The term “mental health care provider”*  
8 *means a psychiatrist, clinical psychologist, certified*  
9 *psychiatric nurse specialist, certified clinical social*  
10 *worker, certified marriage and family therapist,*  
11 *TRICARE certified mental health counselor, pastoral*  
12 *counselor under the supervision of a physician, and*  
13 *supervised mental health counselor under the super-*  
14 *vision of a physician.*

15 (4) *The term locality means a geographic loca-*  
16 *tion—*

17 (A) *designated as a Prime Service Area*  
18 *under section 199.17(b)(1) of title 32, Code of*  
19 *Federal Regulations; and*

20 (B) *in which the Secretary entered into a*  
21 *contract under chapter 55 of title 10, United*  
22 *States Code, with a contractor under the*  
23 *TRICARE program to provide health care serv-*  
24 *ices to beneficiaries by TRICARE-authorized ci-*  
25 *vilian health care providers.*

1           (5) *The terms “TRICARE Prime” and*  
2           *“TRICARE Select” have the meanings given those*  
3           *terms in section 1072 of title 10, United States Code.*

4           **TITLE VIII—ACQUISITION POL-**  
5           **ICY, ACQUISITION MANAGE-**  
6           **MENT, AND RELATED MAT-**  
7           **TERS**

8           **Subtitle A—Streamlining of Defense**  
9           **Acquisition Statutes and Regu-**  
10           **lations**

11           **SEC. 800. EFFECTIVE DATES; COORDINATION OF AMEND-**  
12           **MENTS.**

13           (a) *EFFECTIVE DATES.—*

14                 (1) *PARTS I AND II.—Parts I and II of this sub-*  
15                 *title, and the redesignations and amendments made*  
16                 *by such parts, shall take effect on February 1, 2020.*

17                 (2) *PART III.—Part III of this subtitle shall take*  
18                 *effect on the date of the enactment of this Act.*

19           (b) *COORDINATION OF AMENDMENTS.—The redesigna-*  
20           *tions and amendments made by part II of this subtitle shall*  
21           *be executed—*

22                 (1) *before the amendments made by part I of this*  
23                 *subtitle; and*

24                 (2) *after any amendments made by any other*  
25                 *provisions of this Act.*

1 **PART I—CONSOLIDATION OF DEFENSE ACQUI-**  
 2 **SION STATUTES IN NEW PART V OF SUB-**  
 3 **TITLE A OF TITLE 10, UNITED STATES CODE**  
 4 **SEC. 801. FRAMEWORK FOR NEW PART V OF SUBTITLE A.**

5 (a) *IN GENERAL.*—Subtitle A of title 10, United States  
 6 Code, is amended by adding at the end the following new  
 7 part:

8 **“PART V—ACQUISITION**

“Chap. Sec.

“SUBPART A—GENERAL

|  |      |
|--|------|
| “201. Definitions .....                          | 3001 |
| “203. General Matters .....                      | 3021 |
| “205. Defense Acquisition System .....           | 3051 |
| “207. Budgeting and Appropriations Matters ..... | 3101 |
| “209. Overseas Contingency Operations .....      | 3151 |

“SUBPART B—ACQUISITION PLANNING

|  |      |
|--|------|
| “221. Planning and Solicitation Generally .....                                | 3201 |
| “223. Planning and Solicitation Relating to Particular Items or Services ..... | 3251 |

“SUBPART C—CONTRACTING METHODS AND CONTRACT TYPES

|   |      |
|---|------|
| “241. Awarding of Contracts .....                                       | 3301 |
| “243. Specific Types of Contracts .....                                 | 3351 |
| “245. Task and Delivery Order Contracts (Multiple Award Contracts) .... | 3401 |
| “247. Acquisition of Commercial Items .....                             | 3451 |
| “249. Multiyear Contracts .....   | 3501 |
| “251. Simplified Acquisition Procedures .....                           | 3551 |
| “253. Emergency and Rapid Acquisitions .....                            | 3601 |
| “255. Contracting With or Through Other Agencies .....                  | 3651 |

“SUBPART D—GENERAL CONTRACTING REQUIREMENTS

|  |      |
|--|------|
| “271. Truthful Cost or Pricing Data .....                  | 3701 |
| “273. Allowable Costs .....                                | 3741 |
| “275. Proprietary Contractor Data and Technical Data ..... | 3771 |
| “277. Contract Financing .....                             | 3801 |
| “279. Contractor Audits and Accounting .....               | 3841 |
| “281. Claims and Disputes .....                            | 3861 |
| “283. Foreign Acquisitions .....                           | 3881 |
| “285. Small Business Programs .....                        | 3901 |
| “287. Socioeconomic Programs .....                         | 3961 |



1     **“CHAPTER 205—DEFENSE ACQUISITION**  
2                                   **SYSTEM**

3     **“SEC. 3051. [RESERVED].**

4         ***[Reserved]***

5                   **“CHAPTER 207—BUDGETING AND**  
6                                   **APPROPRIATIONS MATTERS**

7     **“SEC. 3101. [RESERVED].**

8         ***[Reserved]***

9     **“CHAPTER 209—OVERSEAS CONTINGENCY**  
10                                   **OPERATIONS**

11    **“SEC. 3151. [RESERVED].**

12         ***[Reserved]***

13                   **“Subpart B—Acquisition Planning**

14                                   **“CHAPTER 221—PLANNING AND**  
15                                   **SOLICITATION GENERALLY**

16    **“SEC. 3201. [RESERVED].**

17         ***[Reserved]***

18    **“CHAPTER 223—PLANNING AND SOLICITA-**  
19                   **TION RELATING TO PARTICULAR**  
20                   **ITEMS OR SERVICES**

21    **“SEC. 3251. [RESERVED].**

22         ***[Reserved]***





1    **“CHAPTER 253—EMERGENCY AND RAPID**  
2                                    **ACQUISITIONS**

3    **“SEC. 3601. [RESERVED].**

4        *[Reserved]*

5    **“CHAPTER 255—CONTRACTING WITH OR**  
6                                    **THROUGH OTHER AGENCIES**

7    **“SEC. 3651. [RESERVED].**

8        *[Reserved]*

9        **“Subpart D—General Contracting Requirements**

10       **“CHAPTER 271—TRUTHFUL COST OR**  
11                                   **PRICING DATA**

12    **“SEC. 3701. [RESERVED].**

13        *[Reserved]*

14       **“CHAPTER 273—ALLOWABLE COSTS**

15    **“SEC. 3741. [RESERVED].**

16        *[Reserved]*

17    **“CHAPTER        275—PROPRIETARY        CON-**  
18        **TRACTOR DATA AND TECHNICAL DATA**

19    **“SEC. 3771. [RESERVED].**

20        *[Reserved]*

21    **“CHAPTER 277—CONTRACT FINANCING**

22    **“SEC. 3801. [RESERVED].**

23        *[Reserved]*

1       **“CHAPTER 279—CONTRACTOR AUDITS**  
2                                   **AND ACCOUNTING**

3       **“SEC. 3841. [RESERVED].**

4           *[Reserved]*

5       **“CHAPTER 281—CLAIMS AND DISPUTES**

6       **“SEC. 3861. [RESERVED].**

7           *[Reserved]*

8       **“CHAPTER 283—FOREIGN ACQUISITIONS**

9       **“SEC. 3881. [RESERVED].**

10          *[Reserved]*

11                   **“CHAPTER 285—SMALL BUSINESS**  
12                                   **PROGRAMS**

13       **“SEC. 3901. [RESERVED].**

14           *[Reserved]*

15                   **“CHAPTER 287—SOCIOECONOMIC**  
16                                   **PROGRAMS**

17       **“SEC. 3961. [RESERVED].**

18           *[Reserved]*

19       **“Subpart E—Special Categories of Contracting: Major**  
20        **Defense Acquisition Programs and Major Systems**

21                   **“CHAPTER 301—MAJOR DEFENSE**  
22                                   **ACQUISITION PROGRAMS**

23       **“SEC. 4001. [RESERVED].**

24           *[Reserved]*

1           **“CHAPTER 303—WEAPON SYSTEMS**  
2           **DEVELOPMENT AND RELATED MATTERS**

3           **“SEC. 4071. [RESERVED].**

4           ***[Reserved]***

5           **“CHAPTER 305—OTHER MATTERS**  
6           **RELATING TO MAJOR SYSTEMS**

7           **“SEC. 4121. [RESERVED].**

8           ***[Reserved]***

9           **“Subpart F—Special Categories of Contracting:**  
10           ***Research, Development, Test, and Evaluation***

11           **“CHAPTER 321—RESEARCH AND**  
12           **DEVELOPMENT GENERALLY**

13           **“SEC. 4201. [RESERVED].**

14           ***[Reserved]***

15           **“CHAPTER 323—INNOVATION**

16           **“SEC. 4301. [RESERVED].**

17           ***[Reserved]***

18           **“CHAPTER 325—DEPARTMENT OF**  
19           **DEFENSE LABORATORIES**

20           **“SEC. 4351. [RESERVED].**

21           ***[Reserved]***

22           **“CHAPTER 327—RESEARCH AND**  
23           **DEVELOPMENT CENTERS AND FACILITIES**

24           **“SEC. 4401. [RESERVED].**

25           ***[Reserved]***

1 **“CHAPTER 329—OPERATIONAL TEST AND**  
2 **EVALUATION; DEVELOPMENTAL TEST**  
3 **AND EVALUATION**

4 **“SEC. 4451. [RESERVED].**

5 ***[Reserved]***

6 ***“Subpart G—Other Special Categories Of Contracting***

7 **“CHAPTER 341—CONTRACTING FOR PER-**  
8 **FORMANCE OF CIVILIAN COMMERCIAL**  
9 **OR INDUSTRIAL TYPE FUNCTIONS**

10 **“SEC. 4501. [RESERVED].**

11 ***[Reserved]***

12 **“CHAPTER 343—ACQUISITION OF**  
13 **SERVICES**

14 **“SEC. 4541. [RESERVED].**

15 ***[Reserved]***

16 **“CHAPTER 345—ACQUISITION OF**  
17 **INFORMATION TECHNOLOGY**

18 **“SEC. 4571. [RESERVED].**

19 ***[Reserved]***

20 ***“Subpart H—Contract Management***

21 **“CHAPTER 361—CONTRACT**  
22 **ADMINISTRATION**

23 **“SEC. 4601. [RESERVED].**

24 ***[Reserved]***

1           **“CHAPTER 363—PROHIBITIONS AND**  
2   **PENALTIES**

3   **“SEC. 4651. [RESERVED].**

4           ***[Reserved]***

5           **“CHAPTER 365—CONTRACTOR**  
6   **WORKFORCE**

7   **“SEC. 4701. [RESERVED].**

8           ***[Reserved]***

9           **“CHAPTER 367—OTHER ADMINISTRATIVE**  
10                                       **AND MISCELLANEOUS PROVISIONS**

11   **“SEC. 4751. [RESERVED].**

12           ***[Reserved]***

13                                       ***“Subpart I—Defense Industrial Base***

14           **“CHAPTER 381—DEFENSE INDUSTRIAL**  
15                                       **BASE GENERALLY**

16   **“SEC. 4801. [RESERVED].**

17           ***[Reserved]***

18           **“CHAPTER 383—LOAN GUARANTEE**  
19                                       **PROGRAMS**

20   **“SEC. 4861. [RESERVED].**

21           ***[Reserved]***

1 **“CHAPTER 385—PROCUREMENT TECH-**  
 2 **NICAL ASSISTANCE COOPERATIVE**  
 3 **AGREEMENT PROGRAM**

4 **“SEC. 4881. [RESERVED].**

5 **[Reserved]**

6 (b) *TABLE OF CHAPTERS AMENDMENT.—The table of*  
 7 *chapters at the beginning of subtitle A is amended by add-*  
 8 *ing at the end the following new items:*

9 **“PART V—ACQUISITION**

“Chap. Sec.

“SUBPART A—GENERAL

|  |      |
|--|------|
| “201. Definitions .....                          | 3001 |
| “203. General Matters .....                      | 3021 |
| “205. Defense Acquisition System .....           | 3051 |
| “207. Budgeting and Appropriations Matters ..... | 3101 |
| “209. Overseas Contingency Operations .....      | 3151 |

“SUBPART B—ACQUISITION PLANNING

|  |      |
|--|------|
| “221. Planning and Solicitation Generally .....                                | 3201 |
| “223. Planning and Solicitation Relating to Particular Items or Services ..... | 3251 |

“SUBPART C—CONTRACTING METHODS AND CONTRACT TYPES

|   |      |
|---|------|
| “241. Awarding of Contracts .....                                       | 3301 |
| “243. Specific Types of Contracts .....                                 | 3351 |
| “245. Task and Delivery Order Contracts (Multiple Award Contracts) .... | 3401 |
| “247. Acquisition of Commercial Items .....                             | 3451 |
| “249. Multiyear Contracts .....   | 3501 |
| “251. Simplified Acquisition Procedures .....                           | 3551 |
| “253. Emergency and Rapid Acquisitions .....                            | 3601 |
| “255. Contracting With or Through Other Agencies .....                  | 3651 |

“SUBPART D—GENERAL CONTRACTING REQUIREMENTS

|  |      |
|--|------|
| “271. Truthful Cost or Pricing Data .....                  | 3701 |
| “273. Allowable Costs .....                                | 3741 |
| “275. Proprietary Contractor Data and Technical Data ..... | 3771 |
| “277. Contract Financing .....                             | 3801 |
| “279. Contractor Audits and Accounting .....               | 3841 |
| “281. Claims and Disputes .....                            | 3861 |
| “283. Foreign Acquisitions .....                           | 3881 |
| “285. Small Business Programs .....                        | 3901 |
| “287. Socioeconomic Programs .....                         | 3961 |

“SUBPART E—SPECIAL CATEGORIES OF CONTRACTING: MAJOR DEFENSE  
ACQUISITION PROGRAMS AND MAJOR SYSTEMS

|  |      |
|--|------|
| “301. Major Defense Acquisition Programs .....             | 4001 |
| “303. Weapon Systems Development and Related Matters ..... | 4071 |
| “305. Other Matters Relating to Major Systems .....        | 4121 |

“SUBPART F—SPECIAL CATEGORIES OF CONTRACTING: RESEARCH,  
DEVELOPMENT, TEST, AND EVALUATION

|   |      |
|---|------|
| “321. Research and Development Generally .....                                      | 4201 |
| “323. Innovation .....  | 4301 |
| “325. Department of Defense Laboratories .....                                      | 4351 |
| “327. Research and Development Centers and Facilities .....                         | 4401 |
| “329. Operational Test and Evaluation; Developmental Test and Evalua-<br>tion ..... | 4451 |

“SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING

|  |      |
|--|------|
| “341. Contracting for Performance of Civilian Commercial or Industrial<br>Type Functions ..... | 4501 |
| “343. Acquisition of Services .....  | 4541 |
| “345. Acquisition of Information Technology .....  | 4571 |

“SUBPART H—CONTRACT MANAGEMENT

|   |      |
|---|------|
| “361. Contract Administration .....                           | 4601 |
| “363. Prohibitions and Penalties .....                        | 4651 |
| “365. Contractor Workforce .....                              | 4701 |
| “367. Other Administrative and Miscellaneous Provisions ..... | 4751 |

“SUBPART I—DEFENSE INDUSTRIAL BASE

|  |        |
|--|--------|
| “381. Defense Industrial Base Generally .....                              | 4801   |
| “383. Loan Guarantee Programs .....  | 4861   |
| “385. Procurement Technical Assistance Cooperative Agreement Program ..... | 4881”. |

**1 PART II—REDESIGNATION OF SECTIONS AND**  
**2 CHAPTERS OF SUBTITLES B, C, AND D TO**  
**3 PROVIDE ROOM FOR NEW PART V OF SUB-**  
**4 TITLE A**  
**5 SEC. 806. REDESIGNATION OF SECTIONS AND CHAPTERS OF**  
**6 SUBTITLE D OF TITLE 10, UNITED STATES**  
**7 CODE—AIR FORCE.**

**8 (a) SUBTITLE D, PART III, SECTION NUMBERS.—The**  
**9 sections in part III of subtitle D of title 10, United States**  
**10 Code, are redesignated as follows:**

1           (1) *CHAPTER 909.*—*Each section in chapter 909*  
2           *is redesignated so that the number of the section, as*  
3           *redesignated, is the number equal to the previous*  
4           *number plus 50.*

5           (2) *CHAPTER 907.*—*Each section in chapter 907*  
6           *is redesignated so that the number of the section, as*  
7           *redesignated, is the number equal to the previous*  
8           *number plus 70.*

9           (3) *CHAPTERS 901 AND 903.*—*Each section in*  
10          *chapter 901 and chapter 903 is redesignated so that*  
11          *the number of the section, as redesignated, is the*  
12          *number equal to the previous number plus 100.*

13          (b) *SUBTITLE D, PART II, SECTION NUMBERS.*—*The*  
14          *sections in part II of such subtitle are redesignated as fol-*  
15          *lows:*

16               (1) *CHAPTER 831.*—*Section 8210 is redesignated*  
17               *as section 9110.*

18               (2) *CHAPTER 833.*—*Sections 8251, 8252, 8257,*  
19               *and 8258 are redesignated as sections 9131, 9132,*  
20               *9137, and 9138, respectively.*

21               (3) *CHAPTER 835.*—*Sections 8281 and 8310 are*  
22               *redesignated as sections 9151 and 9160, respectively.*

23               (4) *CHAPTER 839.*—*Section 8446 is redesignated*  
24               *as section 9176.*



1           (5) *CHAPTER 841.*—Sections 8491 and 8503 are  
2           redesignated as sections 9191 and 9203, respectively.

3           (6) *CHAPTER 843.*—Sections 8547 and 8548 are  
4           redesignated as sections 9217 and 9218, respectively.

5           (7) *CHAPTER 845.*—Sections 8572, 8575, 8579,  
6           8581, and 8583 are redesignated as sections 9222,  
7           9225, 9229, 9231, and 9233, respectively.

8           (8) *CHAPTER 849.*—Section 8639 is redesignated  
9           as section 9239.

10          (9) *CHAPTER 853.*—Sections 8681, 8684, and  
11          8691 are redesignated as sections 9251, 9252, and  
12          9253, respectively.

13          (10) *CHAPTER 855.*—Section 8723 is redesign-  
14          ated as section 9263.

15          (11) *CHAPTER 857.*—Each section in chapter 857  
16          is redesignated so that the number of the section, as  
17          redesignated, is the number equal to the previous  
18          number plus 530.

19          (12) *CHAPTER 861.*—Section 8817 is redesign-  
20          ated as section 9307.

21          (13) *CHAPTER 867.*—Each section in chapter 867  
22          is redesignated so that the number of the section, as  
23          redesignated, is the number equal to the previous  
24          number plus 400.

1           (14) *CHAPTER 869.*—Sections 8961, 8962, 8963,  
2           8964, 8965, and 8966 are redesignated as sections  
3           9341, 9342, 9343, 9344, 9345, and 9346, respectively.

4           (15) *CHAPTER 871.*—Sections 8991 and 8992 are  
5           redesignated as sections 9361 and 9362, respectively.

6           (16) *CHAPTER 873.*—Sections 9021, 9025, and  
7           9027 are redesignated as sections 9371, 9375, and  
8           9377, respectively.

9           (17) *CHAPTER 875.*—Section 9061 is redesi-  
10          gnated as section 9381.

11          (c) *SUBTITLE D, PART I, SECTION NUMBERS.*—Each  
12          section in part I of such subtitle is redesignated so that the  
13          number of the section, as redesignated, is the number equal  
14          to the previous number plus 1,000.

15          (d) *SUBTITLE D CHAPTER NUMBERS.*—

16           (1) *PART IV CHAPTER NUMBERS.*—Each chapter  
17           in part IV of such subtitle is redesignated so that the  
18           number of the chapter, as redesignated, is the number  
19           equal to the previous number plus 30.

20           (2) *PART III CHAPTER NUMBERS.*—Each chapter  
21           in part III of such subtitle is redesignated so that the  
22           number of the chapter, as redesignated, is the number  
23           equal to the previous number plus 50.

24           (3) *PART II CHAPTER NUMBERS.*—

1           (A) *IN GENERAL.*—*Except as provided in*  
2           *subparagraph (B), each chapter in part II of*  
3           *such subtitle is redesignated so that the number*  
4           *of the chapter, as redesignated, is the number*  
5           *equal to the previous number plus 80.*

6           (B) *OTHER CHAPTERS.*—

7           (i) *Chapter 861 is redesignated as*  
8           *chapter 939.*

9           (ii) *Chapters 867, 869, 871, 873, and*  
10          *875 are each redesignated so that the num-*  
11          *ber of the chapter, as redesignated, is the*  
12          *number equal to the previous number plus*  
13          *74.*

14          (4) *PART I CHAPTER NUMBERS.*—*Each chapter*  
15          *in part I of such subtitle is redesignated so that the*  
16          *number of the chapter, as redesignated, is the number*  
17          *equal to the previous number plus 100.*

18          (e) *SUBTITLE D TABLES OF SECTIONS AND TABLES*  
19          *OF CHAPTERS.*—

20          (1) *TABLES OF SECTIONS.*—*The tables of sections*  
21          *at the beginning of the chapters of such subtitle are*  
22          *revised so as to conform the section references in those*  
23          *tables to the redesignations made by subsections (a),*  
24          *(b), and (c).*

1           (2) *TABLES OF CHAPTERS.*—*The table of chap-*  
2           *ters at the beginning of such subtitle, and the tables*  
3           *of chapters at the beginning of each part of such sub-*  
4           *title, are revised so as to conform the chapter ref-*  
5           *erences and section references in those tables to the re-*  
6           *designations made by this section.*

7 **SEC. 807. REDESIGNATION OF SECTIONS AND CHAPTERS OF**  
8           **SUBTITLE C OF TITLE 10, UNITED STATES**  
9           **CODE—NAVY AND MARINE CORPS.**

10       (a) *SUBTITLE C, PART I, SECTION NUMBERS.*—

11           (1) *IN GENERAL.*—*Except as provided in para-*  
12           *graph (2), each section in part I of subtitle C of title*  
13           *10, United States Code, is redesignated so that the*  
14           *number of the section, as redesignated, is the number*  
15           *equal to the previous number plus 3,000.*

16           (2) *CHAPTER 513.*—*For sections in chapter 513,*  
17           *each section is redesignated so that the number of the*  
18           *section, as redesignated, is the number equal to the*  
19           *previous number plus 2,940.*

20       (b) *SUBTITLE C, PART II, SECTION NUMBERS.*—*The*  
21           *sections in part II of such subtitle are redesignated as fol-*  
22           *lows:*

23           (1) *CHAPTER 533.*—*Sections 5441, 5450, and*  
24           *5451 are redesignated as sections 8101, 8102, and*  
25           *8103, respectively.*

1           (2) *CHAPTER 535.—Sections 5501, 5502, 5503,*  
 2           *and 5508 are redesignated as sections 8111, 8112,*  
 3           *8113, and 8118, respectively.*

4           (3) *CHAPTER 537.—Section 5540 is redesignated*  
 5           *as section 8120.*

6           (4) *CHAPTER 539.—Sections 5582, 5585, 5587,*  
 7           *5587a, 5589, and 5596 are redesignated as sections*  
 8           *8132, 8135, 8137, 8138, 8139, and 8146, respectively.*

9           (5) *CHAPTER 544.—Section 5721 is redesignated*  
 10          *as section 8151.*

11          (6) *CHAPTER 551.—Each section in chapter 551*  
 12          *is redesignated so that the number of the section, as*  
 13          *redesignated, is the number equal to the previous*  
 14          *number plus 2,220.*

15          (7) *CHAPTER 553.—Sections 5983, 5985, and*  
 16          *5986 are redesignated as sections 8183, 8185, and*  
 17          *8186, respectively.*

18          (8) *CHAPTER 555.—The sections in chapter 555*  
 19          *are redesignated as follows:*

| <b>Section</b> | <b>Redesignated Section</b> |
|----------------|-----------------------------|
| 6011           | 8211                        |
| 6012           | 8212                        |
| 6013           | 8213                        |
| 6014           | 8214                        |
| 6019           | 8215                        |

| <b>Section</b> | <b>Redesignated Section</b> |
|----------------|-----------------------------|
| 6021           | 8216                        |
| 6022           | 8217                        |
| 6024           | 8218                        |
| 6027           | 8219                        |
| 6029           | 8220                        |
| 6031           | 8221                        |
| 6032           | 8222                        |
| 6035           | 8225                        |
| 6036           | 8226                        |

1           (9) *CHAPTER 557.*—*Each section in chapter 557*  
2           *is redesignated so that the number of the section, as*  
3           *redesignated, is the number equal to the previous*  
4           *number plus 2,160.*

5           (10) *CHAPTER 559.*—*Section 6113 is redesign-*  
6           *ated as section 8253.*

7           (11) *CHAPTER 561.*—*The sections in chapter 561*  
8           *are redesignated as follows:*

| <b>Section</b> | <b>Redesignated Section</b> |
|----------------|-----------------------------|
| 6141           | 8261                        |
| 6151           | 8262                        |
| 6152           | 8263                        |
| 6153           | 8264                        |
| 6154           | 8265                        |
| 6155           | 8266                        |
| 6156           | 8267                        |

| <b>Section</b> | <b>Redesignated Section</b> |
|----------------|-----------------------------|
| 6160           | 8270                        |
| 6161           | 8271                        |

1           (12) *CHAPTER 563.*—Sections 6201, 6202, and  
2           6203 are redesignated as sections 8281, 8282, and  
3           8283, respectively.

4           (13) *CHAPTER 565.*—Sections 6221 and 6222 are  
5           redesignated as sections 8286 and 8287, respectively.

6           (14) *CHAPTER 567.*—Each section in chapter 567  
7           is redesignated so that the number of the section, as  
8           redesignated, is the number equal to the previous  
9           number plus 2,050.

10          (15) *CHAPTER 569.*—Section 6292 is redesign-  
11          ated as section 8317.

12          (16) *CHAPTER 571.*—Each section in chapter 571  
13          is redesignated so that the number of the section, as  
14          redesignated, is the number equal to the previous  
15          number plus 2,000.

16          (17) *CHAPTER 573.*—Sections 6371, 6383, 6389,  
17          6404, and 6408 are redesignated as sections 8371,  
18          8372, 8373, 8374, and 8375, respectively.

19          (18) *CHAPTER 575.*—Sections 6483, 6484, 6485,  
20          and 6486 are redesignated as sections 8383, 8384,  
21          8385, and 8386, respectively.

1           (19) *CHAPTER 577.*—*Section 6522 is redesign-*  
2           *ated as section 8392.*

3           (c) *SUBTITLE C, PART III, SECTION NUMBERS.*—

4           (1) *IN GENERAL.*—*Except as provided in para-*  
5           *graph (2), each section in part III of such subtitle is*  
6           *redesignated so that the number of the section, as re-*  
7           *designated, is the number equal to the previous num-*  
8           *ber plus 1,500.*

9           (2) *CHAPTER 609.*—*Sections 7101, 7102, 7103,*  
10          *and 7104 are redesignated as sections 8591, 8592,*  
11          *8593, and 8594, respectively.*

12          (d) *SUBTITLE C, PART IV, SECTION NUMBERS.*—*The*  
13          *sections in part IV of such subtitle are redesignated as fol-*  
14          *lows:*

15           (1) *CHAPTER 631.*—*Each section in chapter 631*  
16           *is redesignated so that the number of the section, as*  
17           *redesignated, is the number equal to the previous*  
18           *number plus 1,400.*

19           (2) *CHAPTER 633.*—*Each section in chapter 633*  
20           *is redesignated so that the number of the section, as*  
21           *redesignated, is the number equal to the previous*  
22           *number plus 1,370.*

23           (3) *CHAPTER 637.*—*Sections 7361, 7362, 7363,*  
24           *and 7364 are redesignated as sections 8701, 8702,*  
25           *8703, and 8704, respectively.*



1           (4) *CHAPTER 639.*—Sections 7395 and 7396 are  
2           redesignated as sections 8715 and 8716, respectively.

3           (5) *CHAPTER 641.*—Each section in chapter 641  
4           is redesignated so that the number of the section, as  
5           redesignated, is the number equal to the previous  
6           number plus 1,300.

7           (6) *CHAPTER 643.*—Sections 7472, 7473, 7476,  
8           7477, 7478, 7479, and 7480 are redesignated as sec-  
9           tions 8742, 8743, 8746, 8747, 8748, 8749, and 8750,  
10          respectively.

11          (7) *CHAPTER 645.*—Sections 7522, 7523, and  
12          7524 are redesignated as sections 8752, 8753, and  
13          8754, respectively.

14          (8) *CHAPTER 647.*—The sections in chapter 647  
15          are redesignated as follows:

| <b>Section</b> | <b>Redesignated Section</b> |
|----------------|-----------------------------|
| 7541           | 8761                        |
| 7541a          | 8761a                       |
| 7541b          | 8761b                       |
| 7542           | 8762                        |
| 7543           | 8763                        |
| 7544           | 8764                        |
| 7545           | 8745                        |
| 7546           | 8746                        |
| 7577           | 8747                        |

1           (9) *CHAPTERS 649, 651, 653, AND 655.*—*Each sec-*  
2           *tion in chapters 649, 651, 653, and 655 is redesign-*  
3           *ated so that the number of the section, as redesign-*  
4           *ated, is the number equal to the previous number*  
5           *plus 1,200.*

6           (10) *CHAPTER 657.*—*Each section in chapter 657*  
7           *is redesignated so that the number of the section, as*  
8           *redesignated, is the number equal to the previous*  
9           *number plus 1,170.*

10          (11) *CHAPTER 659.*—*Sections 7851, 7852, 7853,*  
11          *and 7854 are redesignated as sections 8901, 8902,*  
12          *8903, and 8904, respectively.*

13          (12) *CHAPTER 661.*—*Sections 7861, 7862, and*  
14          *7863 are redesignated as sections 8911, 8912, and*  
15          *8913, respectively.*

16          (13) *CHAPTER 663.*—*Section 7881 is redesign-*  
17          *ated as section 8921.*

18          (14) *CHAPTER 665.*—*Sections 7901, 7902, and*  
19          *7903 are redesignated as sections 8931, 8932, and*  
20          *8933, respectively.*

21          (15) *CHAPTER 667.*—*Sections 7912 and 7913 are*  
22          *redesignated as sections 8942 and 8943, respectively.*

23          (16) *CHAPTER 669.*—*Section 7921 is redesign-*  
24          *ated as section 8951.*

25          (e) *SUBTITLE C CHAPTER NUMBERS.*—

1           (1) *PART I CHAPTER NUMBERS.*—Each chapter  
2           in part I of such subtitle is redesignated so that the  
3           number of the chapter, as redesignated, is the number  
4           equal to the previous number plus 300, except that  
5           chapter 513 is redesignated as chapter 809.

6           (2) *PART II CHAPTER NUMBERS.*—

7           (A) *IN GENERAL.*—Except as provided in  
8           subparagraph (B), each chapter in part II of  
9           such subtitle is redesignated so that the number  
10          of the chapter, as redesignated, is the number  
11          equal to the previous number plus 270.

12          (B) *OTHER CHAPTERS.*—Chapter 533 is re-  
13          designated as chapter 811, chapter 535 is redesi-  
14          gnated as chapter 812, chapter 537 is redesi-  
15          gnated as chapter 813, chapter 539 is redesi-  
16          gnated as chapter 815, and chapter 544 is redesi-  
17          gnated as chapter 817.

18          (3) *PART III CHAPTER NUMBERS.*—Each chapter  
19          in part III of such subtitle is redesignated so that the  
20          number of the chapter, as redesignated, is the number  
21          equal to the previous number plus 250.

22          (4) *PART IV CHAPTER NUMBERS.*—Each chapter  
23          in part IV of such subtitle is redesignated so that the  
24          number of the chapter, as redesignated, is the number  
25          equal to the previous number plus 228, except that

1        *chapter 631 is redesignated as chapter 861 and chap-*  
2        *ter 633 is redesignated as chapter 863.*

3        *(f) SUBTITLE C TABLES OF SECTIONS AND TABLES*  
4        *OF CHAPTERS.—*

5            *(1) TABLES OF SECTIONS.—The table of sections*  
6        *at the beginning of each chapter of such subtitle is re-*  
7        *vised so as to conform the section references in the*  
8        *table to the redesignations made by subsections (a),*  
9        *(b), (c), and (d).*

10           *(2) TABLES OF CHAPTERS.—The table of chap-*  
11        *ters at the beginning of such subtitle, and the tables*  
12        *of chapters at the beginning of each part of such sub-*  
13        *title, are revised so as to conform the chapter ref-*  
14        *erences and section references in those tables to the re-*  
15        *designations made by this section.*

16        **SEC. 808. REDESIGNATION OF SECTIONS AND CHAPTERS OF**  
17                            **SUBTITLE B OF TITLE 10, UNITED STATES**  
18                            **CODE—ARMY.**

19           *(a) SUBTITLE B, PART I, SECTION NUMBERS.—Each*  
20        *section in part I of subtitle B of title 10, United States*  
21        *Code, is redesignated so that the number of the section, as*  
22        *redesignated, is the number equal to the previous number*  
23        *plus 4,000.*

1       (b) *SUBTITLE B, PART II, SECTION NUMBERS.*—*The*  
2 *sections in part II of such subtitle are redesignated as fol-*  
3 *lows:*

4           (1) *CHAPTER 331.*—*Section 3210 is redesignated*  
5 *as section 7110.*

6           (2) *CHAPTER 333.*—*Sections 3251, 3258, and*  
7 *3262 are redesignated as sections 7131, 7138, and*  
8 *7142, respectively.*

9           (3) *CHAPTER 335.*—*Sections 3281, 3282, 3283,*  
10 *and 3310 are redesignated as sections 7151, 7152,*  
11 *7153, and 7160, respectively.*

12          (4) *CHAPTER 339.*—*Section 3446 is redesignated*  
13 *as sections 7176.*

14          (5) *CHAPTER 341.*—*Sections 3491 and 3503 are*  
15 *redesignated as sections 7191 and 7203, respectively.*

16          (6) *CHAPTER 343.*—*Sections 3533, 3534, 3536,*  
17 *3547 and 3548 are redesignated as sections 7213,*  
18 *7214, 7316, 7217, and 7218, respectively.*

19          (7) *CHAPTER 345.*—*Sections 3572, 3575, 3579,*  
20 *3581, and 3583 are redesignated as sections 7222,*  
21 *7225, 7229, 7231, and 7233, respectively.*

22          (8) *CHAPTER 349.*—*Section 3639 is redesignated*  
23 *as section 7239.*

1           (9) *CHAPTER 353.*—Sections 3681, 3684, and  
2           3691 are redesignated as sections 7251, 7252, and  
3           7253, respectively.

4           (10) *CHAPTER 355.*—Section 3723 is redesign-  
5           ated as section 7263.

6           (11) *CHAPTER 357.*—Each section in chapter 357  
7           is redesignated so that the number of the section, as  
8           redesignated, is the number equal to the previous  
9           number plus 3,530.

10          (12) *CHAPTER 367.*—Each section in chapter 367  
11          is redesignated so that the number of the section, as  
12          redesignated, is the number equal to the previous  
13          number plus 3,400.

14          (13) *CHAPTER 369.*—Sections 3961, 3962, 3963,  
15          3964, 3965, and 3966 are redesignated as sections  
16          7341, 7342, 7343, 7344, 7345, and 7346, respectively.

17          (14) *CHAPTER 371.*—Sections 3991 and 3992 are  
18          redesignated as sections 7361 and 7362, respectively.

19          (15) *CHAPTER 373.*—Sections 4021, 4024, 4025,  
20          and 4027 are redesignated as sections 7371, 7374,  
21          7375, and 7377, respectively.

22          (16) *CHAPTER 375.*—Section 4061 is redesign-  
23          ated as section 7381.

24          (c) *SUBTITLE B, PART III, SECTION NUMBERS.*—

1           (1) *IN GENERAL.*—*Except as provided in para-*  
2 *graph (2), each section in part III of such subtitle is*  
3 *redesignated so that the number of the section, as re-*  
4 *designated, is the number equal to the previous num-*  
5 *ber plus 3,100.*

6           (2) *CHAPTER 407.*—*Each section in chapter 407*  
7 *is redesignated so that the number of the section, as*  
8 *redesignated, is the number equal to the previous*  
9 *number plus 3,070.*

10          (d) *SUBTITLE B, PART IV, SECTION NUMBERS.*—*Each*  
11 *section in part IV of such subtitle is redesignated so that*  
12 *the number of the section, as redesignated, is the number*  
13 *equal to the previous number plus 3,000.*

14          (e) *SUBTITLE B CHAPTER NUMBERS.*—

15           (1) *PART I CHAPTER NUMBERS.*—*Each chapter*  
16 *in part I of such subtitle is redesignated so that the*  
17 *number of the chapter, as redesignated, is the number*  
18 *equal to the previous number plus 400.*

19           (2) *PART II CHAPTER NUMBERS.*—

20           (A) *IN GENERAL.*—*Except as provided in*  
21 *subparagraph (B), each chapter in part II of*  
22 *such subtitle is redesignated so that the number*  
23 *of the chapter, as redesignated, is the number*  
24 *equal to the previous number plus 380.*

1                   (B) *OTHER CHAPTERS.*—*Chapters 367, 369,*  
2                   *371, 373, and 375 are each redesignated so that*  
3                   *the number of the chapter, as redesignated, is the*  
4                   *number equal to the previous number plus 374.*

5                   (3) *PART III CHAPTER NUMBERS.*—*Each chapter*  
6                   *in part III of such subtitle is redesignated so that the*  
7                   *number of the chapter, as redesignated, is the number*  
8                   *equal to the previous number plus 350.*

9                   (4) *PART IV CHAPTER NUMBERS.*—*Each chapter*  
10                   *in part IV of such subtitle is redesignated so that the*  
11                   *number of the chapter, as redesignated, is the number*  
12                   *equal to the previous number plus 330.*

13                   (f) *SUBTITLE B TABLES OF SECTIONS AND TABLES*  
14 *OF CHAPTERS.*—

15                   (1) *TABLES OF SECTIONS.*—*The table of sections*  
16                   *at the beginning of each chapter of such subtitle is re-*  
17                   *vised so as to conform the section references in the*  
18                   *table to the redesignations made by subsections (a),*  
19                   *(b), (c), and (d).*

20                   (2) *TABLES OF CHAPTERS.*—*The table of chap-*  
21                   *ters at the beginning of such subtitle, and the tables*  
22                   *of chapters at the beginning of each part of such sub-*  
23                   *title, are revised so as to conform the chapter ref-*  
24                   *erences and section references in those tables to the re-*  
25                   *designations made by this section.*



1 **SEC. 809. CROSS REFERENCES TO REDESIGNATED SEC-**  
2 **TIONS AND CHAPTERS.**

3 (a) *AMENDMENTS TO REFERENCES IN TITLE 10.*—  
4 *Each provision of title 10, United States Code (including*  
5 *the table of subtitles preceding subtitle A), that contains a*  
6 *reference to a section or chapter redesignated by this subtitle*  
7 *is amended so that the reference refers to the number of the*  
8 *section or chapter as redesignated.*

9 (b) *DEEMING RULE FOR OTHER REFERENCES.*—*Any*  
10 *reference in a provision of law other than title 10, United*  
11 *States Code, to a section or chapter redesignated by this*  
12 *subtitle shall be deemed to refer to the section or chapter*  
13 *as so redesignated.*

14 **PART III—REPEALS OF CERTAIN PROVISIONS OF**  
15 **DEFENSE ACQUISITION LAW**

16 **SEC. 811. AMENDMENT TO AND REPEAL OF STATUTORY RE-**  
17 **QUIREMENTS FOR CERTAIN POSITIONS OR**  
18 **OFFICES IN THE DEPARTMENT OF DEFENSE.**

19 (a) *AMENDMENT TO STATUTORY REQUIREMENT FOR*  
20 *DIRECTOR OF CORROSION POLICY AND OVERSIGHT.*—

21 (1) *IN GENERAL.*—*Section 2228 of title 10,*  
22 *United States Code, is amended—*

23 (A) *by amending subsection (a) to read as*  
24 *follows:*

25 “(a) *ESTABLISHMENT.*—*There is established an Office*  
26 *of Corrosion Policy and Oversight within the Department*

1 *of Defense, which shall be headed by a Director of Corrosion*  
2 *Policy and Oversight.”;*

3 *(B) by striking subsections (b) and (c);*

4 *(C) by redesignating subsections (d), (e),*  
5 *and (f) as subsections (b), (c), and (d), respec-*  
6 *tively; and*

7 *(D) in subsection (c) (as so redesignated),*  
8 *by striking “subsection (d)” each place it ap-*  
9 *pears and inserting “subsection (b)”.*

10 *(2) CONFORMING AMENDMENT.—Section 1067 of*  
11 *the Bob Stump National Defense Authorization Act*  
12 *for Fiscal Year 2003 (Public Law 107–314; 116 Stat.*  
13 *2658, 2659; 10 U.S.C. 2228 note) is amended by*  
14 *striking subsections (b), (c), (d), and (e).*

15 *(b) REPEAL OF STATUTORY REQUIREMENT FOR DI-*  
16 *RECTOR OF THE OFFICE OF PERFORMANCE ASSESSMENT*  
17 *AND ROOT CAUSE ANALYSIS.—*

18 *(1) REPEAL.—*

19 *(A) IN GENERAL.—Section 2438 of title 10,*  
20 *United States Code, is repealed.*

21 *(B) CLERICAL AMENDMENT.—The table of*  
22 *sections at the beginning of chapter 144 of such*  
23 *title is amended by striking the item relating to*  
24 *section 2438.*

25 *(2) CONFORMING AMENDMENTS.—*

1           (A) Section 131(b)(9) of such title is  
2           amended by striking subparagraph (I).

3           (B) Section 2548(a) of such title is amended  
4           by striking “, the Director of Procurement and  
5           Acquisition Policy, and the Director of the Office  
6           of Performance Assessment and Root Cause  
7           Analysis,” and inserting “and the Director of  
8           Procurement and Acquisition Policy”.

9           (C) Section 882 of the Ike Skelton National  
10          Defense Authorization Act for Fiscal Year 2011  
11          (Public Law 111–383; 10 U.S.C. 2222 note) is  
12          amended by striking subsection (a).

13          (c) *REPEAL OF STATUTORY REQUIREMENT FOR OF-*  
14          *FICE OF TECHNOLOGY TRANSITION.—*

15           (1) *REPEAL.—*Section 2515 of title 10, United  
16          States Code, is repealed.

17           (2) *CLERICAL AMENDMENT.—*The table of sec-  
18          tions at the beginning of subchapter III of chapter  
19          148 of such title is amended by striking the item re-  
20          lating to section 2515.

21          (d) *REPEAL OF STATUTORY REQUIREMENT FOR OF-*  
22          *FICE FOR FOREIGN DEFENSE CRITICAL TECHNOLOGY MON-*  
23          *ITORING AND ASSESSMENT.—*

24           (1) *REPEAL.—*Section 2517 of title 10, United  
25          States Code, is repealed.

1           (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
2           *tions at the beginning of subchapter III of chapter*  
3           *148 of such title is amended by striking the item re-*  
4           *lating to section 2517.*

5           (e) *REPEAL OF STATUTORY REQUIREMENT FOR SMALL*  
6           *BUSINESS OMBUDSMAN FOR DEFENSE CONTRACT AUDIT*  
7           *AGENCY AND DEFENSE CONTRACT MANAGEMENT AGEN-*  
8           *CY.*—

9           (1) *REPEAL.*—*Section 204 of title 10, United*  
10          *States Code, is repealed.*

11          (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
12          *tions at the beginning of subchapter II of chapter 8*  
13          *of such title is amended by striking the item relating*  
14          *to section 204.*

15          (f) *REPEAL OF STATUTORY REQUIREMENT FOR DE-*  
16          *FENSE LOGISTICS AGENCY ADVOCATE FOR COMPETITION.*—

17          (1) *REPEAL.*—*Section 2318 of title 10, United*  
18          *States Code, is amended—*

19                  (A) *by striking subsection (a); and*

20                  (B) *by striking “(b)” before “Each advo-*  
21                  *cate”.*

22          (2) *TECHNICAL AMENDMENTS.*—*Such section is*  
23          *further amended—*

24                  (A) *by striking “advocate for competition*  
25                  *of” and inserting “advocate for competition des-*

1           *ignated pursuant to section 1705(a) of title 41*  
2           *for”; and*

3                     *(B) by striking “a grade GS–16 or above*  
4                     *under the General Schedule (or in a comparable*  
5                     *or higher position under another schedule)” and*  
6                     *inserting “in a position classified above GS–15*  
7                     *pursuant to section 5108 of title 5”.*

8           *(g) SUNSET FOR STATUTORY DESIGNATION OF SENIOR*  
9           *DEPARTMENT OF DEFENSE OFFICIAL WITH PRINCIPAL RE-*  
10           *SPONSIBILITY FOR DIRECTED ENERGY WEAPONS.—Section*  
11           *219 of the National Defense Authorization Act for Fiscal*  
12           *Year 2017 (Public Law 114–328; 10 U.S.C. 2431 note) is*  
13           *amended by adding at the end the following new subsection:*

14                     *“(d) SUNSET.—The provisions of subsection (a) and*  
15                     *of paragraphs (2) and (3) of subsection (b) shall cease to*  
16                     *be in effect as of September 30, 2022.”.*

17           *(h) REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
18           *IGNATION OF INDIVIDUAL TO SERVE AS PRIMARY LIAISON*  
19           *BETWEEN THE PROCUREMENT AND RESEARCH AND DE-*  
20           *VELOPMENT ACTIVITIES OF THE UNITED STATES ARMED*  
21           *FORCES AND THOSE OF THE STATE OF ISRAEL.—Section*  
22           *1006 of the National Defense Authorization Act, Fiscal Year*  
23           *1989 (Public Law 100–456; 102 Stat. 2040; 10 U.S.C. 133a*  
24           *note) is repealed.*

1           (i) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
2 *IGNATION OF SENIOR OFFICIAL TO COORDINATE AND MAN-*  
3 *AGE HUMAN SYSTEMS INTEGRATION ACTIVITIES RELATED*  
4 *TO ACQUISITION PROGRAMS.*—Section 231 of the National  
5 *Defense Authorization Act for Fiscal Year 2008 (Public*  
6 *Law 110–181; 122 Stat. 45; 10 U.S.C. 1701 note) is amend-*  
7 *ed—*

8                   (1) *by striking “(a) IN GENERAL.—”; and*  
9                   (2) *by striking subsections (b), (c), and (d).*

10          (j) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
11 *IGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR FOCUS*  
12 *ON URGENT OPERATIONAL NEEDS AND RAPID ACQUI-*  
13 *SION.*—Section 902 of the National Defense Authorization  
14 *Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.*  
15 *1865; 10 U.S.C. 2302 note) is repealed.*

16          (k) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
17 *IGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR DUAL-*  
18 *USE PROJECTS UNDER DUAL-USE SCIENCE AND TECH-*  
19 *NOLOGY PROGRAM.*—Section 203 of the National Defense  
20 *Authorization Act for Fiscal Year 1998 (Public Law 105–*  
21 *85; 10 U.S.C. 2511 note) is amended by striking subsection*  
22 *(c).*

23          (l) *REPEAL OF STATUTORY REQUIREMENT FOR DES-*  
24 *IGNATION OF SENIOR OFFICIAL AS EXECUTIVE AGENT FOR*  
25 *PRINTED CIRCUIT BOARD TECHNOLOGY.*—Section 256 of

1 *the National Defense Authorization Act for Fiscal Year*  
2 *2009 (Public Law 110–417; 122 Stat. 4404; 10 U.S.C. 2501*  
3 *note) is repealed.*

4 **SEC. 812. REPEAL OF CERTAIN DEFENSE ACQUISITION**  
5 **LAWS.**

6 (a) *TITLE 10, UNITED STATES CODE.—*

7 (1) *SECTION 167A.—*

8 (A) *REPEAL.—Section 167a of title 10,*  
9 *United States Code, is repealed.*

10 (B) *CLERICAL AMENDMENT.—The table of*  
11 *sections at the beginning of chapter 6 of such*  
12 *title is amended by striking the item relating to*  
13 *section 167a.*

14 (C) *CONFORMING AMENDMENT.—Section*  
15 *905(a)(1) of the John Warner National Defense*  
16 *Authorization Act for Fiscal Year 2007 (Public*  
17 *Law 109–364; 10 U.S.C. 133a note) is amended*  
18 *by striking “166b, 167, or 167a” and inserting*  
19 *“166b or 167”.*

20 (2) *SECTION 2323.—*

21 (A) *REPEAL.—Section 2323 of title 10,*  
22 *United States Code, is repealed.*

23 (B) *CLERICAL AMENDMENT.—The table of*  
24 *sections at the beginning of chapter 137 of such*

1           *title is amended by striking the item relating to*  
2           *section 2323.*

3           (C) *CONFORMING AMENDMENTS.*—

4           (i) *Section 853(c) of the National De-*  
5           *fense Authorization Act for Fiscal Year*  
6           *2004 (Public Law 108–136; 10 U.S.C. 2302*  
7           *note) is amended by striking “section 2323*  
8           *of title 10, United States Code, and”.*

9           (ii) *Section 831(n) of the National De-*  
10          *fense Authorization Act for Fiscal Year*  
11          *1991 (Public Law 101–510; 10 U.S.C. 2302*  
12          *note) is amended—*

13           (I) *in paragraph (4), by inserting*  
14           *“, as in effect on March 1, 2018” after*  
15           *“section 2323 of title 10, United States*  
16           *Code”; and*

17           (II) *in paragraph (6), by striking*  
18           *“section 2323 of title 10, United States*  
19           *Code, and”.*

20          (iii) *Subsection (d) of section 811 of*  
21          *the National Defense Authorization Act for*  
22          *Fiscal Year 1994 (Public Law 103–160; 10*  
23          *U.S.C. 2323 note) is repealed.*

24          (iv) *Section 8304(1) of the Federal Ac-*  
25          *quisition Streamlining Act of 1994 (10*



1 *U.S.C. 2375 note) is amended by striking*  
2 *“section 2323 of title 10, United States*  
3 *Code, or”.*

4 *(v) Section 10004(a)(1) of the Federal*  
5 *Acquisition Streamlining Act of 1994 (41*  
6 *U.S.C. 1122 note) is amended by striking*  
7 *“section 2323 of title 10, United States*  
8 *Code, or”.*

9 *(vi) Section 2304(b)(2) of title 10,*  
10 *United States Code, is amended by striking*  
11 *“and concerns other than” and all that fol-*  
12 *lows through “this title”.*

13 *(vii) Section 2304e(b) of title 10,*  
14 *United States Code, is amended—*

15 *(I) by striking “other than—”*  
16 *and all that follows through “small”*  
17 *and inserting “other than small”;*

18 *(II) by striking “; or” and insert-*  
19 *ing a period; and*

20 *(III) by striking paragraph (2).*

21 *(viii) Section 2323a(a) of title 10,*  
22 *United States Code, is amended by striking*  
23 *“section 2323 of this title and”.*

24 *(ix) Section 15 of the Small Business*  
25 *Act (15 U.S.C. 644) is amended—*

1                   (I) in subsection (j)(3), by strik-  
2                   ing “section 2323 of title 10, United  
3                   States Code,”;

4                   (II) in subsection (k)(10)—  
5                   (aa) by striking “or section  
6                   2323 of title 10, United States  
7                   Code,” and all that follows  
8                   through “subsection (m),”; and

9                   (bb) by striking “subsection  
10                  (a),” and inserting “subsection  
11                  (a) or”; and

12                  (III) by amending subsection (m)  
13                  to read as follows:

14                  “(m) *ADDITIONAL DUTIES OF PROCUREMENT CENTER*  
15                  *REPRESENTATIVES.*—All procurement center representa-  
16                  tives (including those referred to in subsection (k)(6)), in  
17                  addition to such other duties as may be assigned by the  
18                  Administrator, shall increase, insofar as possible, the num-  
19                  ber and dollar value of procurements that may be used for  
20                  the programs established under this section and section  
21                  8(a).”.

22                         (x) Section 1902(b)(1) of title 41,  
23                         United States Code, is amended by striking  
24                         “, section 2323 of title 10,”.

25                         (3) *SECTION 2332.*—

1           (A) *REPEAL.*—Section 2332 of title 10,  
2           United States Code, is repealed.

3           (B) *CLERICAL AMENDMENT.*—The table of  
4           sections at the beginning of chapter 137 of such  
5           title is amended by striking the item relating to  
6           section 2332.

7           (b) *OTHER PROVISIONS OF LAW.*—The following pro-  
8           visions of law are repealed:

9           (1) Section 801 of the Carl Levin and Howard  
10          P. “Buck” McKeon National Defense Authorization  
11          Act for Fiscal Year 2015 (Public Law 113–291; 10  
12          U.S.C. 2223a note).

13          (2) Section 934 of the National Defense Author-  
14          ization Act for Fiscal Year 2013 (Public Law 112–  
15          239; 10 U.S.C. 2223a note).

16          (3) Section 804 of the National Defense Author-  
17          ization Act for Fiscal Year 2010 (Public Law 111–  
18          84; 10 U.S.C. 2223a note).

19          (4) Section 881 of the National Defense Author-  
20          ization Act for Fiscal Year 2008 (Public Law 110–  
21          181; 10 U.S.C. 2223a note).

22          (5) Section 854 of the National Defense Author-  
23          ization Act for Fiscal Year 2017 (Public Law 114–  
24          328; 10 U.S.C. 2302 note).

1           (6) *Section 804 of the National Defense Author-*  
2           *ization Act for Fiscal Year 2013 (Public Law 112–*  
3           *239; 10 U.S.C. 2302 note).*

4           (7) *Section 829 of the National Defense Author-*  
5           *ization Act for Fiscal Year 2013 (Public Law 112–*  
6           *239; 10 U.S.C. 2302 note).*

7           (8) *Section 818(g) of the National Defense Au-*  
8           *thorization Act for Fiscal Year 2012 (Public Law*  
9           *112–81; 10 U.S.C. 2302 note).*

10          (9) *Section 815(b) of the National Defense Au-*  
11          *thorization Act for Fiscal Year 2008 (Public Law*  
12          *110–181; 10 U.S.C. 2302 note).*

13          (10) *Section 812 of the John Warner National*  
14          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
15          *lic Law 109–364; 10 U.S.C. 2302 note).*

16          (11) *Section 817 of the National Defense Author-*  
17          *ization Act for Fiscal Year 2006 (Public Law 109–*  
18          *163; 10 U.S.C. 2302 note).*

19          (12) *Section 141 of the Ronald W. Reagan Na-*  
20          *tional Defense Authorization Act for Fiscal Year 2005*  
21          *(Public Law 108–375; 10 U.S.C. 2302 note).*

22          (13) *Section 801(b) of the National Defense Au-*  
23          *thorization Act for Fiscal Year 2004 (Public Law*  
24          *108–136; 10 U.S.C. 2302 note).*

1           (14) *Section 805(a) of the National Defense Au-*  
2 *thorization Act for Fiscal Year 2004 (Public Law*  
3 *108–136; 10 U.S.C. 2302 note).*

4           (15) *Section 352 of the Bob Stump National De-*  
5 *fense Authorization Act for Fiscal Year 2003 (Public*  
6 *Law 107–314; 10 U.S.C. 2302 note).*

7           (16) *Section 326 of the National Defense Author-*  
8 *ization Act for Fiscal Year 1993 (Public Law 102–*  
9 *484; 10 U.S.C. 2302 note).*

10          (17) *Section 9004 of the Department of Defense*  
11 *Appropriations Act, 1990 (Public Law 101–165; 10*  
12 *U.S.C. 2302 note).*

13          (18) *Section 895 of the National Defense Author-*  
14 *ization Act for Fiscal Year 2016 (Public Law 114–*  
15 *92; 10 U.S.C. 2304 note).*

16          (19) *Section 802 of the Duncan Hunter National*  
17 *Defense Authorization Act for Fiscal Year 2009 (Pub-*  
18 *lic Law 110–417; 10 U.S.C. 2304 note).*

19          (20) *Section 821 of the National Defense Author-*  
20 *ization Act for Fiscal Year 2008 (Public Law 110–*  
21 *181; 10 U.S.C. 2304 note).*

22          (21) *Section 813 of the John Warner National*  
23 *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
24 *lic Law 109–364; 10 U.S.C. 2304 note).*

1           (22) *Section 391 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1998 (Public Law 105-*  
3           *85; 10 U.S.C. 2304 note).*

4           (23) *Section 927(b) of Public Laws 99-500, 99-*  
5           *591, and 99-661 (10 U.S.C. 2304 note).*

6           (24) *Section 1222(b) of the National Defense Au-*  
7           *thorization Act for Fiscal Year 1987 (Public Law 99-*  
8           *661; 10 U.S.C. 2304 note).*

9           (25) *Section 814(b) of the National Defense Au-*  
10          *thorization Act for Fiscal Year 2010 (Public Law*  
11          *111-84; 10 U.S.C. 2304a note).*

12          (26) *Section 834 of the John Warner National*  
13          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
14          *lic Law 109-364; 10 U.S.C. 2304b note).*

15          (27) *Section 803 of the Strom Thurmond Na-*  
16          *tional Defense Authorization Act for Fiscal Year 1999*  
17          *(Public Law 105-261; 10 U.S.C. 2306a note).*

18          (28) *Section 1075 of the National Defense Au-*  
19          *thorization Act for Fiscal Year 1995 (Public Law*  
20          *103-337; 10 U.S.C. 2315 note).*

21          (29) *Section 824(a) of the Ike Skelton National*  
22          *Defense Authorization Act for Fiscal Year 2011 (Pub-*  
23          *lic Law 111-383; 10 U.S.C. 2320 note).*

1           (30) *Section 818 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1995 (Public Law 103-*  
3           *337; 10 U.S.C. 2324 note).*

4           (31) *Section 812 of the National Defense Author-*  
5           *ization Act for Fiscal Year 2010 (Public Law 111-*  
6           *84; 10 U.S.C. 2326 note).*

7           (32) *Sections 908(a), (b), (c), and (e) of Public*  
8           *Laws 99–500, 99–591, and 99–661 (10 U.S.C. 2326*  
9           *note).*

10          (33) *Section 882 of the National Defense Author-*  
11          *ization Act for Fiscal Year 2016 (Public Law 114-*  
12          *92; 10 U.S.C. 2330 note).*

13          (34) *Section 807 of the National Defense Author-*  
14          *ization Act for Fiscal Year 2012 (Public Law 112-*  
15          *81; 10 U.S.C. 2330 note).*

16          (35) *Section 805 of the National Defense Author-*  
17          *ization Act for Fiscal Year 2008 (Public Law 110-*  
18          *181; 10 U.S.C. 2330 note).*

19          (36) *Section 808 of the National Defense Author-*  
20          *ization Act for Fiscal Year 2008 (Public Law 110-*  
21          *181; 10 U.S.C. 2330 note).*

22          (37) *Section 812(b)–(c) of the National Defense*  
23          *Authorization Act for Fiscal Year 2006 (Public Law*  
24          *109–163; 10 U.S.C. 2330 note).*

1           (38) *Section 801(d)–(f) of the National Defense*  
2 *Authorization Act for Fiscal Year 2002 (Public Law*  
3 *107–107; 10 U.S.C. 2330 note).*

4           (39) *Section 802 of the National Defense Author-*  
5 *ization Act for Fiscal Year 2002 (Public Law 107–*  
6 *107; 10 U.S.C. 2330 note).*

7           (40) *Section 831 of the Duncan Hunter National*  
8 *Defense Authorization Act for Fiscal Year 2009 (Pub-*  
9 *lic Law 110–417; 10 U.S.C. 2330a note).*

10           (41) *Section 1032 of the Bob Stump National*  
11 *Defense Authorization Act for Fiscal Year 2003 (Pub-*  
12 *lic Law 107–314; 10 U.S.C. 2358 note).*

13           (42) *Section 241 of the Bob Stump National De-*  
14 *fense Authorization Act for Fiscal Year 2003 (Public*  
15 *Law 107–314; 10 U.S.C. 2358 note).*

16           (43) *Section 606 of Public Law 92–436 (10*  
17 *U.S.C. 2358 note).*

18           (44) *Section 913(b) of the National Defense Au-*  
19 *thorization Act for Fiscal Year 2000 (Public Law*  
20 *106–65; 10 U.S.C. 2364 note).*

21           (45) *Sections 234(a) and (b) of the National De-*  
22 *fense Authorization Act for Fiscal Year 1987 (Public*  
23 *Law 99–661; 10 U.S.C. 2364 note).*



1           (46) *Section 943(b) of the National Defense Au-*  
2 *thorization Act for Fiscal Year 2008 (Public Law*  
3 *110–181; 10 U.S.C. 2366a note).*

4           (47) *Section 801 of the National Defense Author-*  
5 *ization Act for Fiscal Year 1990 (Public Law 101–*  
6 *189; 10 U.S.C. 2399 note).*

7           (48) *Section 8133 of the Department of Defense*  
8 *Appropriations Act, 2000 (Public Law 106–79; 10*  
9 *U.S.C. 2401a note).*

10           (49) *Section 807(b) of the John Warner National*  
11 *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
12 *lic Law 109–364; 10 U.S.C. 2410p note).*

13           (50) *Section 825(c)(1)–(2) of the National De-*  
14 *fense Authorization Act for Fiscal Year 2016 (Public*  
15 *Law 114–92; 10 U.S.C. 2430 note).*

16           (51) *Section 1058 of the Carl Levin and Howard*  
17 *P. “Buck” McKeon National Defense Authorization*  
18 *Act for Fiscal Year 2015 (Public Law 113–291; 10*  
19 *U.S.C. 2430 note).*

20           (52) *Section 837 of the National Defense Author-*  
21 *ization Act for Fiscal Year 1994 (Public Law 103–*  
22 *160; 10 U.S.C. 2430 note).*

23           (53) *Section 838 of the National Defense Author-*  
24 *ization Act for Fiscal Year 1994 (Public Law 103–*  
25 *160; 10 U.S.C. 2430 note).*

1           (54) *Section 809 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1991 (Public Law 101-*  
3           *510; 10 U.S.C. 2430 note).*

4           (55) *Section 833 of the National Defense Author-*  
5           *ization Act for Fiscal Year 1994 (Public Law 103-*  
6           *160; 10 U.S.C. 2430 note).*

7           (56) *Section 839 of the National Defense Author-*  
8           *ization Act for Fiscal Year 1994 (Public Law 103-*  
9           *160; 10 U.S.C. 2430 note).*

10          (57) *Section 819 of the National Defense Author-*  
11          *ization Act for Fiscal Year 1995 (Public Law 103-*  
12          *337; 10 U.S.C. 2430 note).*

13          (58) *Section 5064 of the Federal Acquisition*  
14          *Streamlining Act of 1994 (Public Law 103-355; 10*  
15          *U.S.C. 2430 note).*

16          (59) *Section 803 of the National Defense Author-*  
17          *ization Act for Fiscal Year 1997 (Public Law 104-*  
18          *201; 10 U.S.C. 2430 note).*

19          (60) *Section 1215 of the Department of Defense*  
20          *Authorization Act, 1984 (Public Law 98-94; 10*  
21          *U.S.C. 2452 note).*

22          (61) *Section 328 of the National Defense Author-*  
23          *ization Act for Fiscal Year 2010 (Public Law 111-*  
24          *84; 10 U.S.C. 2458 note).*

1           (62) *Section 347 of the Strom Thurmond Na-*  
2           *tional Defense Authorization Act for Fiscal Year 1999*  
3           *(Public Law 105–261; 10 U.S.C. 2458 note).*

4           (63) *Section 349 of the Strom Thurmond Na-*  
5           *tional Defense Authorization Act for Fiscal Year 1999*  
6           *(Public Law 105–261; 10 U.S.C. 2458 note).*

7           (64) *Section 395 of the National Defense Author-*  
8           *ization Act for Fiscal Year 1998 (Public Law 105–*  
9           *85; 10 U.S.C. 2458 note).*

10          (65) *Section 352 of the National Defense Author-*  
11          *ization Act for Fiscal Year 1996 (Public Law 104–*  
12          *106; 10 U.S.C. 2458 note).*

13          (66) *Section 325 of the Ronald W. Reagan Na-*  
14          *tional Defense Authorization Act for Fiscal Year 2005*  
15          *(Public Law 108–375; 10 U.S.C. 2461 note).*

16          (67) *Section 336 of the National Defense Author-*  
17          *ization Act for Fiscal Year 2004 (Public Law 108–*  
18          *136; 10 U.S.C. 2461 note).*

19          (68) *Section 353(a) of the National Defense Au-*  
20          *thorization Act for Fiscal Year 1996 (Public Law*  
21          *104–106; 10 U.S.C. 2461 note).*

22          (69) *Section 353(b) of the National Defense Au-*  
23          *thorization Act for Fiscal Year 1996 (Public Law*  
24          *104–106; 10 U.S.C. 2461 note).*

1           (70) *Section 356 of the National Defense Author-*  
2           *ization Act for Fiscal Year 1996 (Public Law 104-*  
3           *106; 10 U.S.C. 2461 note).*

4           (71) *Section 1010 of the USA Patriot Act of*  
5           *2001 (Public Law 107-56; 10 U.S.C. 2465 note).*

6           (72) *Section 4101 of the National Defense Au-*  
7           *thorization Act for Fiscal Year 1993 (Public Law*  
8           *102-484; 10 U.S.C. 2500 note).*

9           (73) *Section 852 of the National Defense Author-*  
10          *ization Act for Fiscal Year 2012 (Public Law 112-*  
11          *81; 10 U.S.C. 2504 note).*

12          (74) *Section 823 of the National Defense Author-*  
13          *ization Act for Fiscal Year 2004 (Public Law 108-*  
14          *136; 10 U.S.C. 2521 note).*

15          (75) *Section 823 of the Ike Skelton National De-*  
16          *fense Authorization Act for Fiscal Year 2011 (Public*  
17          *Law 111-383; 10 U.S.C. 2533b note).*

18          (76) *Section 804(h) of the National Defense Au-*  
19          *thorization Act for Fiscal Year 2008 (Public Law*  
20          *110-181; 10 U.S.C. 2533b note).*

21          (77) *Section 842(b) of the John Warner National*  
22          *Defense Authorization Act for Fiscal Year 2007 (Pub-*  
23          *lic Law 109-364; 10 U.S.C. 2533b note).*

24          (78) *Section 343 of the Floyd D. Spence Na-*  
25          *tional Defense Authorization Act for Fiscal Year 2001*

1       *(as enacted into law by Public Law 106–398; 10*  
2       *U.S.C. 4551 note).*

3   **SEC. 813. REPEAL OF CERTAIN DEPARTMENT OF DEFENSE**  
4                   **REPORTING REQUIREMENTS.**

5       *(a) AMENDMENTS TO TITLE 10, UNITED STATES*  
6   *CODE.—Title 10, United States Code, is amended as fol-*  
7   *lows:*

8               *(1) SECTION 118A.—Section 118a is amended by*  
9       *striking subsection (d).*

10              *(2) SECTION 1116.—Section 1116 is amended by*  
11       *striking subsection (d).*

12              *(3) SECTION 2275.—*

13                   *(A) REPEAL.—Section 2275 is repealed.*

14                   *(B) CLERICAL AMENDMENT.—The table of*  
15       *sections at the beginning of chapter 135 is*  
16       *amended by striking the item relating to section*  
17       *2275.*

18              *(4) SECTION 2276.—Section 2276 is amended by*  
19       *striking subsection (e).*

20              *(5) SECTION 10543.—*

21                   *(A) REPEAL.—Section 10543 is repealed.*

22                   *(B) CLERICAL AMENDMENT.—The table of*  
23       *sections at the beginning of chapter 1013 is*  
24       *amended by striking the item relating to section*  
25       *10543.*

1           (b) NDAA FOR FY 2007.—Section 122 of the John  
2 Warner National Defense Authorization Act for Fiscal Year  
3 2007 (Public Law 109–364; 120 Stat. 2104), as amended  
4 by section 121 of the National Defense Authorization Act  
5 for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 691),  
6 is amended by striking subsection (d).

7           (c) NDAA FOR FY 2008.—The National Defense Au-  
8 thorization Act for Fiscal Year 2008 (Public Law 110–181)  
9 is amended—

10           (1) in section 911(f) (10 U.S.C. 2271 note)—

11                   (A) in the subsection heading, by striking “;  
12 BIENNIAL UPDATE”;

13                   (B) in paragraph (3), by striking “, and  
14 each update required by paragraph (2),”; and

15                   (C) by striking paragraph (2) and redesign-  
16 ating paragraph (3) as paragraph (2); and

17           (2) in section 1107 (10 U.S.C. 2358 note)—

18                   (A) in subsection (c), by striking “dem-  
19 onstration laboratory” and inserting “laboratory  
20 designated by the Secretary of Defense under the  
21 provisions of section 342(b) of the National De-  
22 fense Authorization Act for Fiscal Year 1995  
23 (Public Law 103–337; 108 Stat. 2721)”;

24                   (B) by striking subsections (d) and (e).

1           (d) NDAA FOR FY 2009.—Section 1047(d) of the Dun-  
2 can Hunter National Defense Authorization Act for Fiscal  
3 Year 2009 (Public Law 110–417; 10 U.S.C. 2366b note)  
4 is amended—

5           (1) in the subsection heading, by striking  
6 “BANDWIDTH” and all that follows through “The Sec-  
7 retary” and inserting “BANDWIDTH REQUIRE-  
8 MENTS.—The Secretary”; and

9           (2) by striking paragraph (2).

10          (e) NDAA FOR FY 2010.—Section 1244 of the Na-  
11 tional Defense Authorization Act for Fiscal Year 2010 (Pub-  
12 lic Law 111–84; 22 U.S.C. 1928 note) is amended by strik-  
13 ing subsection (d).

14          (f) NDAA FOR FY 2011.—Section 1217 of the Ike Skel-  
15 ton National Defense Authorization Act for Fiscal Year  
16 2011 (Public Law 111–383; 22 U.S.C. 7513 note) is amend-  
17 ed by striking subsection (i).

18          (g) NDAA FOR FY 2013.—The National Defense Au-  
19 thorization Act for Fiscal Year 2013 (Public Law 112–239)  
20 is amended—

21           (1) in section 524 (126 Stat. 1723; 10 U.S.C.  
22 1222 note) by striking subsection (c); and

23           (2) in section 904(h) (10 U.S.C. 133 note)—

24           (A) by striking “REPORTS TO CONGRESS”

25           and all that follows through “(3) ADDITIONAL

1           *CONGRESSIONAL NOTIFICATION.—*” and inserting  
2           *“CONGRESSIONAL NOTIFICATION.—”*; and  
3           (B) by striking *“Under Secretary of Defense*  
4           *for Acquisition, Technology, and Logistics”* and  
5           inserting *“Under Secretary of Defense for Re-*  
6           *search and Engineering”*.

7           (h) *NDAA FOR FY 2015.—Section 1026(d) of the Carl*  
8           *Levin and Howard P. “Buck” McKeon National Defense*  
9           *Authorization Act for Fiscal Year 2015 (Public Law 113–*  
10           *291; 128 Stat. 3490) is repealed.*

11           (i) *MILITARY CONSTRUCTION AUTHORIZATION ACT,*  
12           *1982.—Section 703 of the Military Construction Authoriza-*  
13           *tion Act, 1982 (Public Law 97–99; 95 Stat. 1376) is*  
14           *amended by striking subsection (g).*

15           (j) *CONFORMING AMENDMENTS.—*

16           (1) *NDAA FOR FY 2017.—Section 1061 of the Na-*  
17           *tional Defense Authorization Act for Fiscal Year 2017*  
18           *(Public Law 114–328; 10 U.S.C. 111 note) is amend-*  
19           *ed—*

20                   (A) in subsection (c), by striking para-

21                   graphs (3), (28), (40), (41), and (63);

22                   (B) in subsection (d), by striking paragraph

23                   (3);

24                   (C) in subsection (f), by striking para-

25                   graphs (1) and (2);



1                   (D) in subsection (g), by striking paragraph  
2                   (3);

3                   (E) in subsection (h), by striking paragraph  
4                   (3); and

5                   (F) in subsection (i), by striking para-  
6                   graphs (17), (19), and (24).

7                   (2) NDAA FOR FY 2000.—Section 1031 of the Na-  
8                   tional Defense Authorization Act for Fiscal Year 2000  
9                   (Public Law 106–65; 113 Stat. 749; 31 U.S.C. 1113  
10                  note) is amended by striking paragraph (32).

11 **Subtitle B—Amendments to General**  
12 **Contracting Authorities, Proce-**  
13 **dures, and Limitations**

14 **SEC. 821. CONTRACT GOAL FOR THE ABILITYONE PRO-**  
15 **GRAM.**

16                   (a) CONTRACT GOAL FOR THE ABILITYONE PRO-  
17 GRAM.—Chapter 137 of title 10, United States Code, is  
18 amended by inserting after section 2323a the following new  
19 section:

20 **“§ 2323b. Contract goal for the AbilityOne program**

21                   “(a) GOAL.—The Secretary of Defense shall establish  
22 a goal for each fiscal year for the procurement of products  
23 and services from the procurement list established pursuant  
24 to section 8503 of title 41 of an amount equal to 1.5 percent  
25 of the total amount of funds obligated for contracts entered

1 *into with the Department of Defense in such fiscal year for*  
2 *procurement.*

3       “(b) *ANNUAL REPORT.*—*At the conclusion of each fis-*  
4 *cal year, the Secretary of Defense shall submit to the Com-*  
5 *mittee for Purchase From People Who Are Blind or Severely*  
6 *Disabled (established under section 8502 of title 41) a re-*  
7 *port on the progress toward attaining the goal established*  
8 *under subsection (a) with respect to such fiscal year. The*  
9 *report shall include—*

10               “(1) *if the goal was not achieved, a plan to*  
11 *achieve the goal in the next fiscal year; and*

12               “(2) *if the goal was achieved, a strategy to exceed*  
13 *the goal in the next fiscal year.”.*

14       “(b) *CLERICAL AMENDMENT.*—*The table of sections at*  
15 *the beginning of such chapter is amended by inserting after*  
16 *the item relating to section 2323a the following new item:*

      “2323b. *Contract goal for the AbilityOne program.*”.

17 **SEC. 822. INCREASED MICRO-PURCHASE THRESHOLD AP-**  
18                               **PLICABLE TO DEPARTMENT OF DEFENSE**  
19                               **PROCUREMENTS.**

20       “(a) *IN GENERAL.*—*Section 2338 of title 10, United*  
21 *States Code, is amended—*

22               “(1) *by striking “Notwithstanding subsection (a)*  
23 *of section 1902 of title 41, the” and inserting “The”;*  
24 *and*

1           (2) *by striking “\$5,000” and inserting*  
2           *“\$10,000”.*

3           **(b) CONFORMING AMENDMENTS.—**

4           **(1) REPEAL OF MICRO-PURCHASE THRESHOLD**  
5           **FOR CERTAIN DEPARTMENT OF DEFENSE ACTIVI-**  
6           **TIES.—**

7           **(A) IN GENERAL.—***Section 2339 of title 10,*  
8           *United States Code, is repealed.*

9           **(B) CLERICAL AMENDMENT.—***The table of*  
10           *sections at the beginning of chapter 137 of such*  
11           *title is amended by striking the item relating to*  
12           *section 2339.*

13           **(2) MICRO-PURCHASE THRESHOLD FOR NON-DE-**  
14           **PARTMENT OF DEFENSE PURCHASES.—***Section*  
15           *1902(a)(1) of title 41, United States Code, is amended*  
16           *by striking “sections 2338 and 2339 of title 10 and”.*

17           **SEC. 823. PREFERENCE FOR OFFERORS EMPLOYING VET-**  
18           **ERANS.**

19           **(a) IN GENERAL.—***Chapter 137 of title 10, United*  
20           *States Code, is amended by adding at the end the following*  
21           *new section:*

22           **“§ 2339a. Preference for offerors employing veterans**

23           **“(a) PREFERENCE.—***In awarding a contract for the*  
24           *procurement of goods or services for the Department of De-*  
25           *fense, the head of an agency may establish a preference for*

1 offerors that employ veterans on a full-time basis. The Sec-  
2 retary of Defense shall determine the criteria for use of such  
3 preference.

4 “(b) CONGRESSIONAL NOTIFICATION.—Prior to estab-  
5 lishing the preference described in subsection (a), the Sec-  
6 retary of Defense shall provide a briefing to the Committee  
7 on Armed Services of the House of Representatives on—

8 “(1) a plan for implementing such preference,  
9 including—

10 “(A) penalties for an offeror that willfully  
11 and intentionally misrepresents the veteran sta-  
12 tus of the employees of the offeror in a bid sub-  
13 mitted under subsection (a); and

14 “(B) reporting on use of such preference;  
15 and

16 “(2) the process for assessing and verifying offer-  
17 or compliance with regulations relating to equal op-  
18 portunity for veterans requirements.”.

19 (b) CLERICAL AMENDMENT.—The table of sections at  
20 the beginning of such chapter is amended by inserting after  
21 the item relating to section 2339 the following new item:

“2339a. Preference for offerors employing veterans.”.

1 **SEC. 824. REVISION OF REQUIREMENT TO SUBMIT INFOR-**  
2 **MATION ON SERVICES CONTRACTS TO CON-**  
3 **GRESS.**

4 *Section 2329(b) of title 10, United States Code, is*  
5 *amended—*

6 *(1) by striking “October 1, 2022” and inserting*  
7 *“October 1, 2020”; and*

8 *(2) in paragraph (1)—*

9 *(A) by striking “at or about” and inserting*  
10 *“at or before”; and*

11 *(B) by inserting “or on the date on which*  
12 *the future-years defense program is submitted to*  
13 *Congress under section 221 of this title” after*  
14 *“title 31”;*

15 *(3) in paragraph (3), by striking “and” at the*  
16 *end;*

17 *(4) in paragraph (4), by striking the period at*  
18 *the end and inserting “; and”; and*

19 *(5) by adding at the end the following new para-*  
20 *graph:*

21 *“(5) be included in the future-years defense pro-*  
22 *gram submitted to Congress under section 221 of this*  
23 *title.”.*

1 **SEC. 825. DATA COLLECTION AND INVENTORY FOR SERV-**  
2 **ICES CONTRACTS.**

3 *Section 2330a of title 10, United States Code, is*  
4 *amended—*

5 *(1) in subsection (a)—*

6 *(A) by striking “\$3,000,000” and inserting*  
7 *“the simplified acquisition threshold”;*

8 *(B) by striking “in the following service ac-*  
9 *quisition portfolio groups:” and inserting “in*  
10 *any service acquisition portfolio group.”; and*

11 *(C) by striking paragraphs (1) through (4);*

12 *(2) in subsection (c)(1)—*

13 *(A) by striking “staff augmentation con-*  
14 *tracts” and inserting “services contracts”; and*

15 *(B) by striking “Under Secretary of Defense*  
16 *for Acquisition, Technology, and Logistics” each*  
17 *place it appears and inserting “Under Secretary*  
18 *of Defense for Acquisition and Sustainment”;*  
19 *and*

20 *(3) in subsection (h)—*

21 *(A) by striking paragraph (6); and*

22 *(B) by redesignating paragraphs (7) and*  
23 *(8) as paragraphs (6) and (7), respectively.*

1 **SEC. 826. COMPETITION REQUIREMENTS FOR PURCHASES**  
2 **FROM FEDERAL PRISON INDUSTRIES.**

3 (a) *COMPETITION REQUIREMENTS FOR PURCHASES*  
4 *FROM FEDERAL PRISON INDUSTRIES.*—Subsections (a)  
5 and (b) of section 2410n of title 10, United States Code,  
6 are amended to read as follows:

7 “(a) *MARKET RESEARCH.*—Before purchasing a prod-  
8 uct listed in the latest edition of the Federal Prison Indus-  
9 tries catalog published under section 4124(d) of title 18, the  
10 Secretary of Defense shall conduct market research to deter-  
11 mine whether such product—

12 “(1) is comparable to products available from the  
13 private sector; and

14 “(2) best meets the needs of the Department of  
15 Defense in terms of price, quality, and time of deliv-  
16 ery.

17 “(b) *COMPETITION REQUIREMENT.*—If the Secretary  
18 determines that a Federal Prison Industries product is not  
19 comparable to products available from the private sector  
20 and does not best meet the needs of the Department of De-  
21 fense in terms of price, quality, or time of delivery pursuant  
22 to subsection (a), the Secretary shall use competitive proce-  
23 dures or make an individual purchase under a multiple  
24 award contract for the procurement of the product. In con-  
25 ducting such a competition or making such a purchase, the

1 *Secretary shall consider a timely offer from Federal Prison*  
 2 *Industries.”.*

3 (b) *EFFECTIVE DATE.*—*The amendment made by sub-*  
 4 *section (a) shall take effect 60 days after the date of the*  
 5 *enactment of this Act.*

6 **SEC. 827. REQUIREMENT FOR A FAIR AND REASONABLE**  
 7 **PRICE FOR TECHNICAL DATA BEFORE DEVEL-**  
 8 **OPMENT OR PRODUCTION OF MAJOR WEAP-**  
 9 **ON SYSTEMS.**

10 *Section 2439 of title 10, United States Code, is amend-*  
 11 *ed—*

12 (1) *by inserting “, to the maximum extent prac-*  
 13 *ticable,” after “shall ensure”; and*

14 (2) *by inserting “fair and reasonable” after “ne-*  
 15 *gotiates a”.*

16 **SEC. 828. REVISIONS IN AUTHORITY RELATING TO PRO-**  
 17 **GRAM COST TARGETS AND FIELDING TAR-**  
 18 **GETS FOR MAJOR DEFENSE ACQUISITION**  
 19 **PROGRAMS.**

20 (a) *REVISIONS IN AUTHORITY RELATING TO PROGRAM*  
 21 *COST AND FIELDING TARGETS.*—*Section 2448a of title 10,*  
 22 *United States Code, is amended—*

23 (1) *in subsection (a), by striking “the Secretary*  
 24 *of Defense” and inserting “the appropriate Sec-*  
 25 *retary”;*



1           (2) *by striking subsection (b); and*

2           (3) *by redesignating subsection (c) as subsection*  
3 *(b) and adding at the end of that subsection the fol-*  
4 *lowing new paragraph:*

5           “(3) *The term ‘appropriate Secretary’, with re-*  
6 *spect to a major defense acquisition program,*  
7 *means—*

8           “(A) *the Secretary of the military depart-*  
9 *ment that is managing the program; or*

10           “(B) *in the case of a program for which an*  
11 *alternate milestone decision authority is des-*  
12 *ignated under section 2430(d)(2) of this title, the*  
13 *Secretary of Defense.”.*

14       (b) *CONFORMING AMENDMENTS.—Such title is further*  
15 *amended—*

16           (1) *in section 2366a(c)(1)(A) by striking “by the*  
17 *Secretary of Defense”;* and

18           (2) *in section 2366b—*

19           (A) *in subsection (a)(3)(D), by striking*  
20 *“Secretary of Defense” and inserting “appro-*  
21 *priate Secretary (as defined in such section*  
22 *2448a)”;* and

23           (B) *in subsection (c)(1)(A), by striking “by*  
24 *the Secretary of Defense”.*

1 **SEC. 829. REVISION OF TIMELINE FOR USE OF THE RAPID**  
2 **FIELDING PATHWAY FOR ACQUISITION PRO-**  
3 **GRAMS.**

4 *Section 804(b)(2) of the National Defense Authoriza-*  
5 *tion Act for Fiscal Year 2016 (Public Law 114–92; 10*  
6 *U.S.C. 2302 note) is amended by striking “complete fielding*  
7 *within five years” and inserting “complete low-rate initial*  
8 *production (as described under section 2400 of title 10,*  
9 *United States Code) within five years”.*

10 **SEC. 830. CLARIFICATION OF SERVICES CONTRACTING**  
11 **DEFINITIONS.**

12 *Not later than 180 days after the date of the enactment*  
13 *of this Act, the Secretary of Defense shall revise the Defense*  
14 *Federal Acquisition Regulation Supplement to clarify the*  
15 *definitions of and relationships between terms related to*  
16 *services contracts, including the appropriate use of personal*  
17 *services contracts and nonpersonal services contracts, and*  
18 *the responsibilities of individuals in the acquisition work-*  
19 *force with respect to such contracts.*

20 **Subtitle C—Provisions Relating to**  
21 **Commercial Items**

22 **SEC. 831. REVISION OF DEFINITION OF COMMERCIAL ITEM**  
23 **FOR PURPOSES OF FEDERAL ACQUISITION**  
24 **STATUTES.**

25 *(a) DEFINITIONS IN CHAPTER 1 OF TITLE 41, UNITED*  
26 *STATES CODE.—*

1           (1) SEPARATION OF “COMMERCIAL ITEM” DEFINI-  
2           NITION INTO DEFINITIONS OF “COMMERCIAL PROD-  
3           UCT” AND “COMMERCIAL SERVICE”.—Chapter 1 of  
4           title 41, United States Code, is amended by striking  
5           section 103 and inserting the following new sections:

6   **“§ 103. Commercial product**

7           *“In this subtitle, the term ‘commercial product’ means*  
8           *any of the following:*

9           “(1) A product, other than real property, that—

10           “(A) is of a type customarily used by the  
11           general public or by nongovernmental entities for  
12           purposes other than governmental purposes; and

13           “(B) has been sold, leased, or licensed, or of-  
14           fered for sale, lease, or license, to the general  
15           public.

16           “(2) A product that—

17           “(A) evolved from a product described in  
18           paragraph (1) through advances in technology or  
19           performance; and

20           “(B) is not yet available in the commercial  
21           marketplace but will be available in the commer-  
22           cial marketplace in time to satisfy the delivery  
23           requirements under a Federal Government solici-  
24           tation.

1           “(3) A product that would satisfy the criteria in  
2           paragraph (1) or (2) were it not for—

3                   “(A) modifications of a type customarily  
4                   available in the commercial marketplace; or

5                   “(B) minor modifications made to meet  
6                   Federal Government requirements.

7           “(4) Any combination of products meeting the  
8           requirements of paragraph (1), (2), or (3) that are of  
9           a type customarily combined and sold in combination  
10          to the general public.

11          “(5) A product, or combination of products, re-  
12          ferred to in paragraphs (1) through (4), even though  
13          the product, or combination of products, is trans-  
14          ferred between or among separate divisions, subsidi-  
15          aries, or affiliates of a contractor.

16          “(6) A nondevelopmental item if the procuring  
17          agency determines, in accordance with conditions in  
18          the Federal Acquisition Regulation, that—

19                   “(A) the product was developed exclusively  
20                   at private expense; and

21                   “(B) has been sold in substantial quantities,  
22                   on a competitive basis, to multiple State and  
23                   local governments or to multiple foreign govern-  
24                   ments.

1 **“§ 103a. Commercial service**

2       *“In this subtitle, the term ‘commercial service’ means*  
3 *any of the following:*

4           *“(1) Installation services, maintenance services,*  
5 *repair services, training services, and other services*  
6 *if—*

7                   *“(A) those services are procured for support*  
8 *of a commercial product, regardless of whether*  
9 *the services are provided by the same source or*  
10 *at the same time as the commercial product; and*

11                   *“(B) the source of the services provides*  
12 *similar services contemporaneously to the general*  
13 *public under terms and conditions similar to*  
14 *those offered to the Federal Government;*

15           *“(2) Services of a type offered and sold competi-*  
16 *tively, in substantial quantities, in the commercial*  
17 *marketplace—*

18                   *“(A) based on established catalog or market*  
19 *prices;*

20                   *“(B) for specific tasks performed or specific*  
21 *outcomes to be achieved; and*

22                   *“(C) under standard commercial terms and*  
23 *conditions.*

24           *“(3) A service described in paragraph (1) or (2),*  
25 *even though the service is transferred between or*

1       *among separate divisions, subsidiaries, or affiliates of*  
2       *a contractor.”.*

3               (2) *CONFORMING AMENDMENTS TO TITLE 41*  
4       *DEFINITIONS.—*

5               (A) *DEFINITION OF COMMERCIAL COMPO-*  
6       *NENT.—Section 102 of such title is amended by*  
7       *striking “commercial item” and inserting “com-*  
8       *mercial product”.*

9               (B) *DEFINITION OF COMMERCIALLY AVAIL-*  
10       *ABLE OFF-THE-SHELF ITEM.—Section 104(1)(A)*  
11       *is amended by striking “commercial item” and*  
12       *inserting “commercial product”.*

13              (C) *DEFINITION OF NONDEVELOPMENTAL*  
14       *ITEM.—Section 110(1) of such title is amended*  
15       *by striking “commercial item” and inserting*  
16       *“commercial product”.*

17              (3) *CLERICAL AMENDMENT.—The table of sec-*  
18       *tions at the beginning of chapter 1 of title 41, United*  
19       *States Code, is amended by striking the item relating*  
20       *to section 103 and inserting the following new items:*

*“103. Commercial product.*

*“103a. Commercial service.”.*

21              (b) *CONFORMING AMENDMENTS TO OTHER PROVI-*  
22       *SIONS OF TITLE 41, UNITED STATES CODE.—Title 41,*  
23       *United States Code, is further amended as follows:*

24              (1) *Section 1502(b) is amended—*

1           (A) in paragraph (1)(A), by striking “com-  
2           mercial items” and inserting “commercial prod-  
3           ucts or commercial services”;

4           (B) in paragraph (1)(C)(i), by striking  
5           “commercial item” and inserting “commercial  
6           product or commercial service”; and

7           (C) in paragraph (3)(A)(i), by striking  
8           “commercial items” and inserting “commercial  
9           products or commercial services”.

10          (2) Section 1705(c) is amended by striking  
11          “commercial items” and inserting “commercial prod-  
12          ucts and commercial services”.

13          (3) Section 1708 is amended by striking “com-  
14          mercial items” in subsections (c)(6) and (e)(3) and  
15          inserting “commercial products or commercial serv-  
16          ices”.

17          (4) Section 1901 is amended—

18               (A) in subsection (a)(2), by striking “com-  
19               mercial items” and inserting “commercial prod-  
20               ucts or commercial services”; and

21               (B) in subsection (e)—

22                       (i) by striking “COMMERCIAL ITEMS”  
23                       in the subsection heading and inserting  
24                       “COMMERCIAL PRODUCTS AND COMMER-  
25                       CIAL SERVICES”; and

1                   (ii) by striking “commercial items”  
2                   and inserting “commercial products or com-  
3                   mercial services”.

4           (5) Section 1903(c) is amended—

5                   (A) in the subsection heading, by striking  
6                   “COMMERCIAL ITEM” and inserting “COMMER-  
7                   CIAL PRODUCT OR COMMERCIAL SERVICE”;

8                   (B) in paragraph (1), by striking “as a  
9                   commercial item” and inserting “as a commer-  
10                  cial product or a commercial service”; and

11                  (C) in paragraph (2), by striking “for an  
12                  item or service treated as a commercial item”  
13                  and inserting “for a product or service treated as  
14                  a commercial product or a commercial service”.

15           (6)(A) Section 1906 is amended by striking  
16           “commercial items” each place it appears in sub-  
17           sections (b), (c), and (d) and inserting “commercial  
18           products or commercial services”.

19                  (B)(i) The heading of such section is amended to  
20                  read as follows:



1 **“§ 1906. List of laws inapplicable to procurements of**  
2 **commercial products and commercial**  
3 **services”.**

4 (i) *The table of sections at the beginning of*  
5 *chapter 19 is amended by striking the item relating*  
6 *to section 1906 and inserting the following new item:*

*“1906. List of laws inapplicable to procurements of commercial products and commercial services.”.*

7 (7) *Section 3304 is amended by striking “com-*  
8 *mmercial item” in subsections (a)(5) and (e)(4)(B) and*  
9 *inserting “commercial product”.*

10 (8) *Section 3305(a)(2) is amended by striking*  
11 *“commercial items” and inserting “commercial prod-*  
12 *ucts or commercial services”.*

13 (9) *Section 3306(b) is amended by striking*  
14 *“commercial items” and inserting “commercial prod-*  
15 *ucts or commercial services”.*

16 (10)(A) *Section 3307 is amended—*

17 (i) *in subsection (a)—*

18 (I) *by striking “COMMERCIAL ITEMS”*  
19 *in the subsection heading and inserting*  
20 *“COMMERCIAL PRODUCTS AND COMMER-*  
21 *CIAL SERVICES”;*

22 (II) *in paragraph (1), by striking*  
23 *“commercial items” and inserting “com-*

1           *mercial products and commercial services*”;  
2           *and*

3                     (III) *in paragraph (2), by striking “a*  
4                     *commercial item” and inserting “a com-*  
5                     *mercial product or commercial service”;*

6           *(ii) in subsection (b)—*

7                     (I) *in paragraph (2), by striking*  
8                     *“commercial items or, to the extent that*  
9                     *commercial items suitable to meet the execu-*  
10                    *tive agency’s needs are not available, non-*  
11                    *developmental items other than commercial*  
12                    *items” and inserting “commercial services*  
13                    *or commercial products or, to the extent*  
14                    *that commercial products suitable to meet*  
15                    *the executive agency’s needs are not avail-*  
16                    *able, nondevelopmental items other than*  
17                    *commercial products”;* *and*

18                    (II) *in paragraph (3), by striking*  
19                    *“commercial items and nondevelopmental*  
20                    *items other than commercial items” and in-*  
21                    *serting “commercial services, commercial*  
22                    *products, and nondevelopmental items other*  
23                    *than commercial products”;*

24           *(iii) in subsection (c)—*

1           (I) in paragraphs (1) and (2), by  
2 striking “commercial items or nondevelop-  
3 mental items other than commercial items”  
4 and inserting “commercial services or com-  
5 mercial products or nondevelopmental items  
6 other than commercial products”;

7           (II) in paragraphs (3) and (4), by  
8 striking “commercial items or, to the extent  
9 that commercial items suitable to meet the  
10 executive agency’s needs are not available,  
11 nondevelopmental items other than commer-  
12 cial items” and inserting “commercial serv-  
13 ices or commercial products or, to the extent  
14 that commercial products suitable to meet  
15 the executive agency’s needs are not avail-  
16 able, nondevelopmental items other than  
17 commercial products”; and

18           (III) in paragraphs (5) and (6), by  
19 striking “commercial items” and inserting  
20 “commercial products and commercial serv-  
21 ices”;

22           (iv) in subsection (d)(2), by striking “com-  
23 mercial items or, to the extent that commercial  
24 items suitable to meet the executive agency’s  
25 needs are not available, nondevelopmental items

1           *other than commercial items” and inserting*  
2           *“commercial services or commercial products or,*  
3           *to the extent that commercial products suitable*  
4           *to meet the executive agency’s needs are not*  
5           *available, nondevelopmental items other than*  
6           *commercial products”;* and

7           *(v) in subsection (e)—*

8                   *(I) in paragraph (1), by inserting*  
9                   *“103a, 104,” after “sections 102, 103,”;*

10                   *(II) in paragraph (2)(A), by striking*  
11                   *“commercial items” and inserting “com-*  
12                   *mmercial products or commercial services”;*

13                   *(III) in the first sentence of paragraph*  
14                   *(2)(B), by striking “commercial end items”*  
15                   *and inserting “end items that are commer-*  
16                   *cial products”;*

17                   *(IV) in paragraphs (2)(B)(i), (2)(C)(i)*  
18                   *and (2)(D), by striking “commercial items*  
19                   *or commercial components” and inserting*  
20                   *“commercial products, commercial compo-*  
21                   *nents, or commercial services”;*

22                   *(V) in paragraph (2)(C), in the matter*  
23                   *preceding clause (i), by striking “commer-*  
24                   *cial items” and inserting “commercial*  
25                   *products or commercial services”;*

1                   (VI) in paragraph (4)(A), by striking  
2                   “commercial items” and inserting “com-  
3                   mercial products or commercial services”;

4                   (VII) in paragraph (4)(C)(i), by strik-  
5                   ing “commercial item, as described in sec-  
6                   tion 103(5)” and inserting “commercial  
7                   product, as described in section 103a(1)”;  
8                   and

9                   (VIII) in paragraph (5), by striking  
10                  “items” each place it appears and inserting  
11                  “products”.

12                  (B)(i) The heading of such section is amended to  
13                  read as follows:

14                  “**§ 3307. Preference for commercial products and com-  
15                  mercial services**”.

16                  (ii) The table of sections at the beginning of  
17                  chapter 33 is amended by striking the item relating  
18                  to section 3307 and inserting the following new item:

“3307. Preference for commercial products and commercial services.”.

19                  (11) Section 3501 is amended—

20                  (A) in subsection (a)—

21                          (i) by striking paragraph (1);

22                          (ii) by redesignating paragraphs (2)

23                          and (3) as paragraphs (1) and (2), respec-

24                          tively; and

1                   (iii) in paragraph (2) (as so redesignig-  
2                   nated), by striking “commercial items” and  
3                   inserting “commercial products or commer-  
4                   cial services”; and

5                   (B) in subsection (b)—

6                   (i) by striking “ITEM” in the heading  
7                   for paragraph (1); and

8                   (ii) by striking “commercial items” in  
9                   paragraphs (1) and (2)(A) and inserting  
10                  “commercial services”.

11                  (12) Section 3503 is amended—

12                  (A) in subsection (a)(2), by striking “a  
13                  commercial item” and inserting “a commercial  
14                  product or a commercial service”; and

15                  (B) in subsection (b)—

16                  (i) by striking “COMMERCIAL ITEMS”  
17                  in the subsection heading and inserting  
18                  “COMMERCIAL PRODUCTS OR COMMERCIAL  
19                  SERVICES”; and

20                  (ii) by striking “a commercial item”  
21                  each place it appears and inserting “a com-  
22                  mercial product or a commercial service”.

23                  (13) Section 3505(b) is amended by striking  
24                  “commercial items” each place it appears and insert-  
25                  ing “commercial products or commercial services”.



1           (19) Section 4704(d) is amended by striking  
2           “commercial items” both places it appears and insert-  
3           ing “commercial products or commercial services”.

4           (20) Sections 8102(a)(1), 8703(d)(2), and  
5           8704(b) are amended by striking “commercial items  
6           (as defined in section 103 of this title)” and inserting  
7           “commercial products or commercial services (as de-  
8           fined in sections 103 and 103a, respectively, of this  
9           title)”.

10          (c) AMENDMENTS TO CHAPTER 137 OF TITLE 10,  
11          UNITED STATES CODE.—Chapter 137 of title 10, United  
12          States Code, is amended as follows:

13           (1) Section 2302(3) is amended—

14                   (A) by redesignating subparagraphs (J),  
15                   (K), and (L) as subparagraphs (K), (L), and  
16                   (M); and

17                   (B) by striking subparagraph (I) and in-  
18                   serting the following new subparagraphs (I) and  
19                   (J):

20                           “(I) The term ‘commercial product’.

21                           “(J) The term ‘commercial service’.”.

22           (2) Section 2304 is amended—

23                   (A) in subsections (c)(5) and (f)(2)(B), by  
24                   striking “brand-name commercial item” and in-  
25                   serting “brand-name commercial product”;



1           (B) in subsection (g)(1)(B), by striking  
2           “commercial items” and inserting “commercial  
3           products or commercial services”; and

4           (C) in subsection (i)(3), by striking “com-  
5           mercial items” and inserting “commercial prod-  
6           ucts”.

7           (3) Section 2305 is amended—

8           (A) in subsection (a)(2), by striking “com-  
9           mercial items” and inserting “commercial prod-  
10          ucts or commercial services”; and

11          (B) in subsection (b)(5)(B)(v), by striking  
12          “commercial item” and inserting “commercial  
13          product”.

14          (4) Section 2306(b) is amended by striking  
15          “commercial items” and inserting “commercial prod-  
16          ucts or commercial services”.

17          (5) Section 2306a is amended—

18           (A) in subsection (b)—

19           (i) in paragraph (1)(B), by striking “a  
20           commercial item” and inserting “a com-  
21           mercial product or a commercial service”;

22           (ii) in paragraph (2)—

23           (I) by striking “COMMERCIAL  
24           ITEMS” in the paragraph heading and

1           *inserting “COMMERCIAL PRODUCTS OR*  
2           *COMMERCIAL SERVICES”;* and

3                   *(II) by striking “commercial*  
4           *item” each place it appears and insert-*  
5           *ing “commercial product or commer-*  
6           *cial services”;*

7           *(iii) in paragraph (3)—*

8                   *(I) by striking “COMMERCIAL*  
9           *ITEMS” in the paragraph heading and*  
10           *inserting “COMMERCIAL PRODUCTS”;*  
11           *and*

12                   *(II) by striking “item” each place*  
13           *it appears and inserting “product”;*  
14           *and*

15           *(iv) in paragraph (4)—*

16                   *(I) by striking “COMMERCIAL*  
17           *ITEM” in the paragraph heading and*  
18           *inserting “COMMERCIAL PRODUCT OR*  
19           *COMMERCIAL SERVICE”;*

20                   *(II) by striking “commercial*  
21           *item” in subparagraph (A) after “ap-*  
22           *plying the”;*

23                   *(III) by striking “prior commer-*  
24           *cial item determination” in subpara-*  
25           *graph (A) and inserting “prior com-*

1           *mercial product or commercial service*  
2           *determination”;*

3                     *(IV) by striking “of such item” in*  
4                     *subparagraph (A) and inserting “of*  
5                     *such product or service”;*

6                     *(V) by striking “of an item pre-*  
7                     *viously determined to be a commercial*  
8                     *item” in subparagraph (B) and insert-*  
9                     *ing “of a product or service previously*  
10                    *determined to be a commercial product*  
11                    *or a commercial service”;*

12                    *(VI) by striking “of a commercial*  
13                    *item,” in subparagraph (B) and in-*  
14                    *serting “of a commercial product or a*  
15                    *commercial service, as the case may*  
16                    *be,”;*

17                    *(VII) by striking “the commercial*  
18                    *item determination” in subparagraph*  
19                    *(B) and inserting “the commercial*  
20                    *product or commercial service deter-*  
21                    *mination”;* and

22                    *(VIII) by striking “commercial*  
23                    *item” in subparagraph (C); and*

1                   (v) in paragraph (5), by striking  
2                   “commercial items” and inserting “com-  
3                   mercial products or commercial services”;

4                   (B) in subsection (d)(2), by striking “com-  
5                   mercial items” each place it appears and insert-  
6                   ing “commercial products or commercial serv-  
7                   ices”; and

8                   (C) in subsection (h)—

9                   (i) in paragraph (2), by striking “com-  
10                  mercial items” and inserting “commercial  
11                  products or commercial services”; and

12                  (ii) by striking paragraph (3).

13                  (6) Section 2307(f) is amended—

14                  (A) by striking “COMMERCIAL ITEMS” in  
15                  the subsection heading and inserting “COMMER-  
16                  CIAL PRODUCTS AND COMMERCIAL SERVICES”;  
17                  and

18                  (B) by striking “commercial items” in  
19                  paragraphs (1) and (2) and inserting “commer-  
20                  cial products and commercial services”.

21                  (7) Section 2320(b) is amended—

22                  (A) in paragraph (1), by striking “a com-  
23                  mercial item, the item” and inserting “a com-  
24                  mercial product, the product”; and

1           (B) in paragraph (9)(A), by striking “any  
2           noncommercial item or process” and inserting  
3           “any noncommercial product or process”.

4           (8) Section 2321(f) is amended—

5                 (A) in paragraph (1)—

6                     (i) by striking “commercial items” and  
7                     inserting “commercial products”; and

8                     (ii) by striking “the item” both places  
9                     it appears and inserting “commercial prod-  
10                    ucts”; and

11                 (B) in paragraph (2)(A), in clauses (i) and  
12                 (ii), by striking “commercial item” and insert-  
13                 ing “commercial product”.

14           (9) Section 2324(l)(1)(A) is amended by striking  
15           “commercial items” and inserting “commercial prod-  
16           ucts or commercial services”.

17           (10) Section 2335(b) is amended by striking  
18           “commercial items” and inserting “commercial prod-  
19           ucts and commercial services”.

20           (d) AMENDMENTS TO CHAPTER 140 OF TITLE 10,  
21           UNITED STATES CODE.—Chapter 140 of title 10, United  
22           States Code, is amended as follows:

23                 (1) Section 2375 is amended—

1           (A) in subsection (a), by striking “*commer-*  
2           *cial item*” in paragraphs (1) and (2) and insert-  
3           ing “*commercial product or commercial service*”;

4           (B) in subsections (b) and (c)—

5                 (i) by striking “*COMMERCIAL ITEMS*”  
6                 in the subsection heading and inserting  
7                 “*COMMERCIAL PRODUCTS AND COMMER-*  
8                 *CIAL SERVICES*”; and

9                 (ii) by striking “*commercial items*”  
10                each place it appears and inserting “*com-*  
11                *mercial products and commercial services*”;  
12                and

13           (C) in subsection (e)(3), by striking “*com-*  
14           *mercial items*” and inserting “*commercial prod-*  
15           *ucts and commercial services*”.

16           (2) Section 2376(1) is amended—

17                 (A) by striking “*terms ‘commercial item’,*”  
18                 and inserting “*terms ‘commercial product’, ‘com-*  
19                 *mercial service’,*”; and

20                 (B) by striking “*chapter 1 of title 41*” and  
21                 inserting “*sections 103, 103a, 110, 105, and 102,*  
22                 *respectively, of title 41*”.

23           (3) Section 2377 is amended—

24                 (A) in subsection (a)—

1           (i) in paragraph (2), by striking “com-  
2           mercial items or, to the extent that commer-  
3           cial items suitable to meet the agency’s  
4           needs are not available, nondevelopmental  
5           items other than commercial items” and in-  
6           serting “commercial services or commercial  
7           products or, to the extent that commercial  
8           products suitable to meet the agency’s needs  
9           are not available, nondevelopmental items  
10          other than commercial products”; and

11          (ii) in paragraph (3), by striking  
12          “commercial items and nondevelopmental  
13          items other than commercial items” and in-  
14          serting “commercial services, commercial  
15          products, and nondevelopmental items other  
16          than commercial products”;

17          (B) in subsection (b)—

18               (i) in paragraphs (1) and (2), by strik-  
19               ing “commercial items or nondevelopmental  
20               items other than commercial items” and in-  
21               serting “commercial services, commercial  
22               products, or nondevelopmental items other  
23               than commercial products”;

24               (ii) in paragraphs (3) and (4), by  
25               striking “commercial items or, to the extent

1           *that commercial items suitable to meet the*  
2           *agency’s needs are not available, non-*  
3           *developmental items other than commercial*  
4           *items” and inserting “commercial services*  
5           *or commercial products or, to the extent*  
6           *that commercial products suitable to meet*  
7           *the agency’s needs are not available, non-*  
8           *developmental items other than commercial*  
9           *products”;* and

10           (iii) *in paragraphs (5) and (6), by*  
11           *striking “commercial items” and inserting*  
12           *“commercial products and commercial serv-*  
13           *ices”;*

14           (C) *in subsection (c)—*

15           (i) *in paragraph (2), by striking “com-*  
16           *mercial items or, to the extent that commer-*  
17           *cial items suitable to meet the agency’s*  
18           *needs are not available, nondevelopmental*  
19           *items other than commercial items” and in-*  
20           *serting “commercial services or commercial*  
21           *products or, to the extent that commercial*  
22           *products suitable to meet the agency’s needs*  
23           *are not available, nondevelopmental items*  
24           *other than commercial products”;* and



1           (ii) in paragraph (4), by striking  
2           “items other than commercial items” and  
3           inserting “products other than commercial  
4           products or services other than commercial  
5           services”;

6           (D) in subsection (d)—

7           (i) in the first sentence, by striking  
8           “commercial items” and inserting “com-  
9           mercial products or commercial services”;

10           (ii) in paragraph (1), by striking  
11           “items” and inserting “products or serv-  
12           ices”; and

13           (iii) in paragraph (2), by striking  
14           “items” and inserting “products or serv-  
15           ices”; and

16           (E) in subsection (e)(1), by striking “com-  
17           mercial items” and inserting “commercial prod-  
18           ucts and commercial services”.

19           (4) Section 2379 is amended—

20           (A) by striking “COMMERCIAL ITEMS” in  
21           the headings of subsections (b) and (c) and in-  
22           serting “COMMERCIAL PRODUCTS”;

23           (B) in subsections (a)(1)(A), (b)(2), and  
24           (c)(1)(B), by striking “, as defined in section 103  
25           of title 41”; and

1           (C) by striking “commercial item” and  
2           “commercial items” each place they appear and  
3           inserting “commercial product” and “commer-  
4           cial products”, respectively.

5           (5) Section 2380 is amended—

6           (A) in subsection (a), by striking “commer-  
7           cial item determinations” in paragraphs (1) and  
8           (2) and inserting “commercial product and com-  
9           mercial service determinations”; and

10          (B) in subsection (b) (as added by section  
11          848 of the National Defense Authorization Act  
12          for Fiscal Year 2018)—

13           (i) by striking “ITEM” in the sub-  
14           section heading;

15           (ii) by striking “an item” each place it  
16           appears and inserting “a product or serv-  
17           ice”;

18           (iii) by striking “item” after “using  
19           commercial” each place it appears;

20           (iv) by striking “prior commercial  
21           item determination” and inserting “prior  
22           commercial product or service determina-  
23           tion”;

24           (v) by striking “such item” and insert-  
25           ing “such product or service”; and

1                   (vi) by striking “the item” both places  
2                   it appears and inserting “the product or  
3                   service”.

4           (6) Section 2380a is amended—

5                   (A) in subsection (a)—

6                           (i) by striking “items and” and insert-  
7                           ing “products and”; and

8                           (ii) by striking “commercial items”  
9                           and inserting “commercial products and  
10                           commercial services, respectively,”; and

11                   (B) in subsection (b), by striking “commer-  
12                   cial items” and inserting “commercial services”.

13           (7) Section 2380B is amended by striking “com-  
14           mercial item” and inserting “commercial product”.

15           (8) AMENDMENTS TO HEADINGS, ETC.—

16                   (A) The heading of such chapter is amended  
17                   to read as follows:

18           **“CHAPTER 140—PROCUREMENT OF COM-**  
19           **MERCIAL PRODUCTS AND COMMER-**  
20           **CIAL SERVICES”.**

21                   (B) The heading of section 2375 is amended  
22                   to read as follows:

1 **“§2375. Relationship of other provisions of law to pro-**  
2 **curement of commercial products and**  
3 **commercial services”.**

4 (C) *The heading of section 2377 is amended*  
5 *to read as follows:*

6 **“§2377. Preference for commercial products and com-**  
7 **mercial services”.**

8 (D) *The heading of section 2379 is amended*  
9 *to read as follows:*

10 **“§2379. Procurement of a major weapon system as a**  
11 **commercial product: requirement for**  
12 **prior determination by Secretary of De-**  
13 **fense and notification to Congress”.**

14 (E) *The heading of section 2380 is amended*  
15 *to read as follows:*

16 **“§2380. Commercial product and commercial service**  
17 **determinations by Department of De-**  
18 **fense”.**

19 (F) *The heading of section 2380a is amend-*  
20 *ed to read as follows:*

21 **“§2380a. Treatment of certain products and services**  
22 **as commercial products and commercial**  
23 **services”.**

24 (G) *Section 2380B is redesignated as sec-*  
25 *tion 2380b and the heading of that section is*  
26 *amended to read as follows:*

1 **“§2380b. Treatment of commingled items purchased**  
2 **by contractors as commercial products”.**

3 *(H) The table of sections at the beginning of*  
4 *such chapter is amended to read as follows:*

*“2375. Relationship of other provisions of law to procurement of commercial prod-  
ucts and commercial services.*

*“2376. Definitions.*

*“2377. Preference for commercial products and commercial services.*

*“2379. Procurement of a major weapon system as a commercial product: require-  
ment for prior determination by Secretary of Defense and notifi-  
cation to Congress.*

*“2380. Commercial product and commercial service determinations by Depart-  
ment of Defense.*

*“2380a. Treatment of certain products and services as commercial products and  
commercial services.*

*“2380b. Treatment of commingled items purchased by contractors as commercial  
products.”.*

5 *(e) OTHER AMENDMENTS TO TITLE 10, UNITED*  
6 *STATES CODE.—Title 10, United States Code, is further*  
7 *amended as follows:*

8 *(1) Section 2226(b) is amended by striking “for*  
9 *services” and all that follows through “deliverable*  
10 *items” and inserting “for services or deliverable*  
11 *items”.*

12 *(2) Section 2384(b)(2) is amended by striking*  
13 *“commercial items” and inserting “commercial prod-*  
14 *ucts”.*

15 *(3) Section 2393(d) is amended by striking*  
16 *“commercial items (as defined in section 103 of title*  
17 *41)” and inserting “commercial products or commer-*  
18 *cial services (as defined in sections 103 and 103a, re-*  
19 *spectively, of title 41)”.*

1           (4) *Section 2402(d) is amended—*

2                   (A) *in paragraph (1), by striking “commer-*  
3 *cial items” both places it appears and inserting*  
4 *“commercial products or commercial services”;*  
5 *and*

6                   (B) *in paragraph (2), by striking “the*  
7 *term” and all that follows and inserting “the*  
8 *terms ‘commercial product’ and ‘commercial*  
9 *service’ have the meanings given those terms in*  
10 *sections 103 and 103a, respectively, of title 41.”.*

11           (5) *Section 2408(a)(4)(B) is amended by strik-*  
12 *ing “commercial items (as defined in section 103 of*  
13 *title 41)” and inserting “commercial products or*  
14 *commercial services (as defined in sections 103 and*  
15 *103a, respectively, of title 41)”.*

16           (6) *Section 2410b(c) is amended by striking*  
17 *“commercial items” and inserting “commercial prod-*  
18 *ucts”.*

19           (7) *Section 2410g(d)(1) is amended by striking*  
20 *“Commercial items (as defined in section 103 of title*  
21 *41)” and inserting “Commercial products or commer-*  
22 *cial services (as defined in sections 103 and 103a, re-*  
23 *spectively, of title 41)”.*

24           (8) *Section 2447a is amended—*

1           (A) in subsection (a)(2), by striking “com-  
2           mercial items and technologies” and inserting  
3           “commercial products and technologies”; and

4           (B) in subsection (c), by inserting before the  
5           period at the end the following: “and the term  
6           ‘commercial product’ has the meaning given that  
7           term in section 103 of title 41”.

8           (9) Section 2451(d) is amended by striking  
9           “commercial items” and inserting “commercial prod-  
10          ucts (as defined in section 103 of title 41)”.

11          (10) Section 2464 is amended—

12           (A) in subsection (a)—

13               (i) in paragraph (3), by striking “com-  
14               mercial items” and inserting “commercial  
15               products or commercial services”; and

16               (ii) in paragraph (5), by striking “The  
17               commercial items covered by paragraph (3)  
18               are commercial items” and inserting “The  
19               commercial products or commercial services  
20               covered by paragraph (3) are commercial  
21               products (as defined in section 103 of title  
22               41) or commercial services (as defined in  
23               section 103a of such title)”;

24           (B) in subsection (c)—

1                   (i) by striking “COMMERCIAL ITEMS”  
 2                   in the subsection heading and inserting  
 3                   “COMMERCIAL PRODUCTS OR COMMERCIAL  
 4                   SERVICES”; and  
 5                   (ii) by striking “commercial item” and  
 6                   inserting “commercial product or commer-  
 7                   cial service”.

8                   (11) Section 2484(f) is amended—

9                   (A) by striking “COMMERCIAL ITEMS” in  
 10                  the subsection heading and inserting “COMMER-  
 11                  CIAL PRODUCTS”; and

12                  (B) by striking “commercial item” and in-  
 13                  serting “commercial product”.

14                  (12) The items relating to chapter 140 in the ta-  
 15                  bles of chapters at the beginning of subtitle A, and at  
 16                  the beginning of part IV of subtitle A, are amended  
 17                  to read as follows:

**“140. Procurement of Commercial Products and Commer-  
                   cial Services ..... 2377”.**

18                  (f) AMENDMENTS TO PROVISIONS OF NATIONAL DE-  
 19                  FENSE AUTHORIZATION ACTS.—

20                  (1) Section 806(b) of the National Defense Au-  
 21                  thorization Act for Fiscal Years 1992 and 1993 (Pub-  
 22                  lic Law 102–190; 10 U.S.C. 2302 note) is amended  
 23                  by striking “commercial items (as defined in section  
 24                  103 of title 41, United States Code)” and inserting



1       *“commercial products or commercial services (as de-*  
2       *fin**ed in sections 103 and 103a, respectively, of title*  
3       *41, United States Code)”*.

4               (2) *Section 821(e) of the Floyd D. Spence Na-*  
5       *tional Defense Authorization Act for Fiscal Year 2001*  
6       *(as enacted into law by Public Law 106–398; 10*  
7       *U.S.C. 2302 note) is amended—*

8                       (A) *by striking paragraph (2); and*

9                       (B) *by redesignating paragraph (3) as*  
10       *paragraph (2).*

11               (3) *Section 821(b) of the National Defense Au-*  
12       *thorization Act for Fiscal Year 2008 (Public Law*  
13       *110–181; 10 U.S.C. 2304 note) is amended—*

14                       (A) *in paragraph (1), by striking “a com-*  
15       *mercial item” and inserting “a commercial*  
16       *product or a commercial service”;*

17                       (B) *in paragraph (2), by striking “commer-*  
18       *cial item” and inserting “commercial product”;*  
19       *and*

20                       (C) *by adding at the end the following new*  
21       *paragraph:*

22                       *“(3) The term ‘commercial service’ has the mean-*  
23       *ing provided by section 103a of title 41, United*  
24       *States Code.”*.

1           (4) *Section 817(d) of the Bob Stump National*  
2 *Defense Authorization Act for Fiscal Year 2003 (Pub-*  
3 *lic Law 107–314; 10 U.S.C. 2306a note) is amend-*  
4 *ed—*

5           (A) *in paragraph (1), by striking “commer-*  
6 *cial item exceptions” and inserting “commercial*  
7 *product-commercial service exceptions”; and*

8           (B) *in paragraph (2), by striking “commer-*  
9 *cial item exception” and inserting “commercial*  
10 *product-commercial service exception”;*

11          (5) *Section 852(b)(2)(A)(ii) of the National De-*  
12 *fense Authorization Act for Fiscal Year 2007 (Public*  
13 *Law 109–364; 10 U.S.C. 2324 note) is amended by*  
14 *striking “a commercial item, as defined in section*  
15 *103 of title 41” and inserting “a commercial product*  
16 *or a commercial service, as defined in sections 103*  
17 *and 103a, respectively, of title 41”.*

18          (6) *Section 805 of the National Defense Author-*  
19 *ization Act for Fiscal Year 2008 (Public Law 110–*  
20 *181; 10 U.S.C. 2330 note) is amended—*

21           (A) *in subsection (b), by striking “commer-*  
22 *cial items” in paragraphs (1) and (2)(A) and*  
23 *inserting “commercial services”; and*

24           (B) *in subsection (c)—*

1                   (i) by striking “ITEM” in the headings  
2                   for paragraphs (1) and (2) and inserting  
3                   “SERVICES”;

4                   (ii) in the matter in paragraph (1)  
5                   preceding subparagraph (A), by striking  
6                   “commercial item” and inserting “commer-  
7                   cial service”;

8                   (iii) in paragraph (1)(A), by striking  
9                   “a commercial item, as described in section  
10                  103(5) of title 41” and inserting “a service,  
11                  as described in section 103a(1) of title 41”;

12                  (iv) in paragraph (1)(C)(i), by strik-  
13                  ing “section 103(6) of title 41” and insert-  
14                  ing “section 103a(2) of title 41”; and

15                  (v) in paragraph (2), by striking  
16                  “item” and inserting “service”.

17                  (7) Section 849(d) of the National Defense Au-  
18                  thorization Act for Fiscal Year 2017 (Public Law  
19                  114–328; 10 U.S.C. 2377 note) is amended—

20                       (A) by striking “commercial items” in  
21                       paragraph (1) and inserting “commercial prod-  
22                       ucts”;

23                       (B) by striking “commercial item” in para-  
24                       graph (3)(B)(i) and inserting “commercial prod-  
25                       uct”; and

1           (C) by adding at the end the following new  
2           paragraph:

3           “(5) *DEFINITION.*—*In this subsection, the term*  
4           *‘commercial product’ has the meaning given that term*  
5           *in section 103 of title 41.*”.

6           (8) *Section 856(a)(1) of the National Defense*  
7           *Authorization Act for Fiscal Year 2016 (Public Law*  
8           *114–92; 10 U.S.C. 2377 note) is amended by striking*  
9           *“commercial items or services” and inserting “a com-*  
10           *mmercial product or a commercial service, as defined*  
11           *in sections 103 and 103a, respectively, of title 41,*”.

12           (9) *Section 879 of the National Defense Author-*  
13           *ization Act for Fiscal Year 2017 (Public Law 114–*  
14           *328; 10 U.S.C. 2302 note) is amended—*

15           (A) *in the section heading, by striking*  
16           *“COMMERCIAL ITEMS” and inserting “COM-*  
17           *MERCIAL PRODUCTS”;*

18           (B) *in subsection (a), by striking “commer-*  
19           *cial items” and inserting “commercial prod-*  
20           *ucts”;*

21           (C) *in subsection (c)(3)—*

22           (i) *by striking “COMMERCIAL ITEMS”*  
23           *in the paragraph heading and inserting*  
24           *“COMMERCIAL PRODUCTS OR COMMERCIAL*  
25           *SERVICES”;* and

1                   (ii) by striking “commercial items”  
2                   and inserting “commercial products or com-  
3                   mercial services”; and

4                   (D) in subsection (e)(2), by striking “item”  
5                   in subparagraphs (A) and (B) and inserting  
6                   “products”.

7                   (10) Section 880 of the National Defense Author-  
8                   ization Act for Fiscal Year 2017 (Public Law 114–  
9                   328; 41 U.S.C. 3301 note) is amended by striking  
10                  “commercial items” in subsection (a)(1) and insert-  
11                  ing “commercial products”.

12                  (g) CONFORMING AMENDMENTS TO OTHER STAT-  
13                  UTES.—

14                  (1) Section 604(g) of the American Recovery and  
15                  Reinvestment Act of 2009 (6 U.S.C. 453b(g)) is  
16                  amended—

17                         (A) by striking “COMMERCIAL ITEMS” in  
18                         the subsection heading and inserting “COMMER-  
19                         CIAL PRODUCTS”;

20                         (B) by striking “procurement of commer-  
21                         cial” in the first sentence and all that follows  
22                         through “items listed” and inserting “procure-  
23                         ment of commercial products notwithstanding  
24                         section 1906 of title 41, United States Code, with  
25                         the exception of commercial products listed”; and

1 (C) in the second sentence—

2 (i) by inserting “product” after “com-  
3 mercial”; and

4 (ii) by striking “in the” and all that  
5 follows and inserting “in section 103 of title  
6 41, United States Code.”.

7 (2) Section 142 of the Higher Education Act of  
8 1965 (20 U.S.C. 1018a) is amended—

9 (A) in subsection (e)—

10 (i) by striking “COMMERCIAL ITEMS”  
11 in the subsection heading and inserting  
12 “COMMERCIAL PRODUCTS AND COMMER-  
13 CIAL SERVICES”;

14 (ii) by striking “that commercial  
15 items” and inserting “that commercial  
16 products or commercial services”;

17 (iii) by striking “special rules for com-  
18 mercial items” and inserting “special rules  
19 for commercial products and commercial  
20 services”;

21 (iv) by striking “without regard to—”  
22 and all that follows through “dollar limita-  
23 tion” and inserting “without regard to any  
24 dollar limitation”;

1                   (v) by striking “; and” and inserting  
2 a period; and

3                   (vi) by striking paragraph (2);

4                   (B) in subsection (f)—

5                   (i) by striking “ITEMS” in the sub-  
6 section heading and inserting “PRODUCTS  
7 AND SERVICES”;

8                   (ii) by striking “ITEMS” in the head-  
9 ing of paragraph (2) and inserting “PROD-  
10 UCTS AND SERVICES”; and

11                   (iii) by striking “a commercial item”  
12 in paragraph (2) and inserting “a commer-  
13 cial product or a commercial service”;

14                   (C) in subsection (h)—

15                   (i) by striking “ITEMS” in the sub-  
16 section heading and inserting “SERVICES”;  
17 and

18                   (ii) by striking “commercial items” in  
19 paragraph (1) and inserting “commercial  
20 services”; and

21                   (D) in subsection (l)—

22                   (i) by redesignating paragraphs (2),  
23 (3), (4), and (5) as paragraphs (3), (4), (5),  
24 and (6), respectively;

1                   (ii) by striking paragraph (1) and in-  
2                   serting the following new paragraphs:

3                   “(1) *COMMERCIAL PRODUCT*.—The term ‘com-  
4                   mercial product’ has the meaning given the term in  
5                   section 103 of title 41, United States Code.

6                   “(2) *COMMERCIAL SERVICE*.—The term ‘commer-  
7                   cial service’ has the meaning given the term in section  
8                   103a of title 41, United States Code.”;

9                   (iii) in paragraph (3), as so redesign-  
10                  ated, by striking “in section” and all that  
11                  follows and inserting “in section 152 of title  
12                  41, United States Code.”;

13                  (iv) in paragraph (5), as so redesign-  
14                  ated—

15                  (I) by striking “*COMMERCIAL*  
16                  *ITEMS*” in the paragraph heading and  
17                  inserting “*COMMERCIAL PRODUCTS*  
18                  *AND COMMERCIAL SERVICES*”;

19                  (II) by striking “commercial  
20                  items” and inserting “commercial  
21                  products and commercial services”;  
22                  and

23                  (III) by striking “pursuant to”  
24                  and all that follows and inserting  
25                  “pursuant to sections 1901 and



1                   3305(a) of title 41, United States  
2                   Code.”; and

3                   (v) in paragraph (6), as so redesign-  
4                   ated, by striking “pursuant to” and all  
5                   that follows and inserting “pursuant to sec-  
6                   tions 1901(a)(1) and 3305(a)(1) of title 41,  
7                   United States Code.”.

8                   (3) Section 3901(a)(4)(A)(ii)(II) of title 31,  
9                   United States Code, is amended by striking “commer-  
10                  cial item” and inserting “commercial product”.

11                  (4) Section 2455(c)(1) of the Federal Acquisition  
12                  Streamlining Act of 1994 (31 U.S.C. 6101 note) is  
13                  amended by striking “commercial items” and insert-  
14                  ing “commercial products”.

15                  (5) Section 508(f) of the Federal Water Pollution  
16                  Control Act (33 U.S.C. 1368(f)) is amended—

17                         (A) in paragraph (1), by striking “commer-  
18                         cial items” and inserting “commercial products  
19                         or commercial services”; and

20                         (B) in paragraph (2), by striking “the  
21                         term” and all that follows and inserting “the  
22                         terms ‘commercial product’ and ‘commercial  
23                         service’ have the meanings given those terms in  
24                         sections 103 and 103a, respectively, of title 41,  
25                         United States Code.”.

1           (6) Section 3707 of title 40, United States Code,  
2           is amended by striking “a commercial item (as de-  
3           fined in section 103 of title 41)” and inserting “a  
4           commercial product (as defined in section 103 of title  
5           41) or a commercial service (as defined in section  
6           103a of title 41)”.

7           (7) Subtitle III of title 40, United States Code,  
8           is amended—

9                   (A) in section 11101(1), by striking “COM-  
10                   MERCIAL ITEM.—The term ‘commercial item’  
11                   has” and inserting “COMMERCIAL PRODUCT.—  
12                   The term ‘commercial product’ has”; and

13                   (B) in section 11314(a)(3), by striking  
14                   “items” each place it appears and inserting  
15                   “products”.

16           (8) Section 8301(g) of the Federal Acquisition  
17           Streamlining Act of 1994 (42 U.S.C. 7606 note) is  
18           amended by striking “commercial items” and insert-  
19           ing “commercial products or commercial services”.

20           (9) Section 40118(f) of title 49, United States  
21           Code, is amended—

22                   (A) in paragraph (1), by striking “commer-  
23                   cial items” and inserting “commercial prod-  
24                   ucts”; and

1           (B) in paragraph (2), by striking “commer-  
2           cial item” and inserting “commercial product”.

3           (10) Chapter 501 of title 51, United States Code,  
4           is amended—

5           (A) in section 50113(c)—

6           (i) by striking “COMMERCIAL ITEM” in  
7           the subsection heading and inserting “COM-  
8           MERCIAL PRODUCT OR COMMERCIAL SERV-  
9           ICE”; and

10          (ii) by striking “commercial item” in  
11          the second sentence and inserting “commer-  
12          cial product or commercial service”; and

13          (B) in section 50115(b)—

14          (i) by striking “COMMERCIAL ITEM” in  
15          the subsection heading and inserting “COM-  
16          MERCIAL PRODUCT OR COMMERCIAL SERV-  
17          ICE”; and

18          (ii) by striking “commercial item” in  
19          the second sentence and inserting “commer-  
20          cial product or commercial service”; and

21          (C) in section 50132(a)—

22          (i) by striking “COMMERCIAL ITEM” in  
23          the subsection heading and inserting “COM-  
24          MERCIAL SERVICE”; and

1                   (ii) by striking “commercial item” in  
2                   the second sentence and inserting “commer-  
3                   cial service”.

4           (h) *SAVINGS PROVISION.*—Any provision of law that  
5 on the day before the effective date of this section is on a  
6 list of provisions of law included in the Federal Acquisition  
7 Regulation pursuant to section 1907 of title 41, United  
8 States Code, shall be deemed as of that effective date to be  
9 on a list of provisions of law included in the Federal Acqui-  
10 sition Regulation pursuant to section 1906 of such title.

11 **SEC. 832. DEFINITION OF SUBCONTRACT.**

12           (a) *STANDARD DEFINITION IN TITLE 41, UNITED*  
13 *STATES CODE.*—

14                   (1) *IN GENERAL.*—Chapter 1 of title 41, United  
15 States Code, is amended—

16                           (A) by redesignating sections 115 and 116  
17 as sections 116 and 117, respectively; and

18                           (B) by inserting after section 114 the fol-  
19 lowing new section 115:

20 **“§ 115. Subcontract**

21           “(a) *IN GENERAL.*—In this subtitle, the term ‘sub-  
22 contract’ means a contract entered into by a prime con-  
23 tractor or subcontractor for the purpose of obtaining sup-  
24 plies, materials, equipment, or services of any kind under  
25 a prime contract. The term includes a transfer of a commer-

1 *cial product or commercial service between divisions, sub-*  
2 *sidaries, or affiliates of a contractor or subcontractor.*

3 “(b) *MATTERS NOT INCLUDED.*—*In this subtitle, the*  
4 *term ‘subcontract’ does not include—*

5 “(1) *a contract the costs of which are applied to*  
6 *general and administrative expenses or indirect costs;*  
7 *or*

8 “(2) *an agreement entered into by a contractor*  
9 *or subcontractor for the supply of a commodity, a*  
10 *commercial product, or a commercial service that is*  
11 *intended for use in the performance of multiple con-*  
12 *tracts.”.*

13 (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
14 *tions at the beginning of chapter 1 of title 41, United*  
15 *States Code, is amended by striking the items relating*  
16 *to sections 115 and 116 and inserting the following*  
17 *new items:*

“115. *Subcontract.*

“116. *Supplies.*

“117. *Technical data.”.*

18 (b) *CONFORMING AMENDMENTS TO TITLE 41, UNITED*  
19 *STATES CODE.*—*Title 41, United States Code, is further*  
20 *amended as follows:*

21 (1) *Section 1502(b)(1) is amended—*

22 (A) *by striking subparagraph (A);*

1           (B) by redesignating subparagraphs (B)  
2 and (C) as subparagraphs (A) and (B), respec-  
3 tively; and

4           (C) in subparagraph (B), as so redesign-  
5 ated, by striking “Subparagraph (B)” and in-  
6 serting “Subparagraph (A)”.

7       (2) Section 1906 is amended—

8           (A) in subsection (c)—

9               (i) by striking paragraph (1);

10               (ii) by redesignating paragraphs (2),  
11 (3), and (4) as paragraphs (1), (2), and (3),  
12 respectively;

13               (iii) in paragraph (1), as so redesign-  
14 ated, by striking “paragraph (3)” and in-  
15 serting “paragraph (2)”; and

16               (iv) in paragraph (2), as so redesign-  
17 ated, by striking “paragraph (2)” and in-  
18 serting “paragraph (1)”; and

19           (B) in subsection (e), by striking “(c)(3)”  
20 both places it appears and inserting “(c)(2)”.

21       (3) Section 3307(e)(2) is amended—

22           (A) by striking subparagraph (A);

23           (B) by redesignating subparagraphs (B),  
24 (C), (D), and (E) as subparagraphs (A), (B),  
25 (C), and (D), respectively;

1           (C) in subparagraph (C), as so redesign-  
2           nated—

3           (i) by striking “subparagraph (B)”  
4           and inserting “subparagraph (A)”; and

5           (ii) by striking “subparagraph (C)”  
6           and inserting “subparagraph (B)”; and

7           (D) in subparagraph (D), as so redesign-  
8           nated, by striking “subparagraph (B)” and in-  
9           serting “subparagraph (A)”.

10          (4) Section 3501(a) is amended by striking  
11          paragraph (3).

12          (c) *INCORPORATION OF TITLE 41 DEFINITION IN*  
13          *CHAPTERS 137 AND 140 OF TITLE 10, UNITED STATES*  
14          *CODE.—*

15               (1) *DEFINITIONS FOR PURPOSES OF CHAPTER*  
16          *137.—Section 2302(3) of title 10, United States Code,*  
17          *is amended by adding at the end the following new*  
18          *subparagraph:*

19                       “(N) The term ‘subcontract’.”.

20               (2) *DEFINITIONS FOR PURPOSES OF CHAPTER*  
21          *140.—*

22               (A) *Section 2375(c) of title 10, United*  
23          *States Code, is amended—*

24                       (i) by striking paragraph (3); and

1                   (ii) by redesignating paragraph (4) as  
2                   paragraph (3).

3                   (B) Section 2376(1) of such title is amended  
4                   by striking “and ‘commercial component’ have”  
5                   and inserting “‘commercial component’, and  
6                   ‘subcontract’ have”.

7 **SEC. 833. LIMITATION ON APPLICABILITY TO DEPARTMENT**  
8                   **OF DEFENSE COMMERCIAL CONTRACTS OF**  
9                   **CERTAIN PROVISIONS OF LAW AND CERTAIN**  
10                  **EXECUTIVE ORDERS AND REGULATIONS.**

11               (a) *INAPPLICABILITY OF CERTAIN PROVISIONS OF*  
12 *LAW.*—

13               (1) *SECTION 2375.*—Section 2375 of title 10,  
14 *United States Code, is amended—*

15               (A) in subsection (b)(2), by striking “Janu-  
16               ary 1, 2015” and inserting “October 13, 1994”;  
17               and

18               (B) in subsections (b)(2), (c)(2), and (d)(2),  
19               by striking “unless the” and all that follows and  
20               inserting a period.

21               (2) *SECTION 2533A.*—Section 2533a(i) of such  
22 *title is amended—*

23               (A) in the subsection heading, by striking  
24               “ITEMS” and inserting “PRODUCTS”; and





1 *fense commercial contract shall be subject to an Exec-*  
2 *utive order issued after the date of the enactment of*  
3 *this section unless the Executive order specifically*  
4 *provides that it is applicable to subcontracts under*  
5 *Department of Defense contracts for the procurement*  
6 *of commercial products and commercial services.*

7 “(b) *REGULATIONS AND POLICIES.*—

8 “(1) *COMMERCIAL CONTRACTS.*—*No Department*  
9 *of Defense commercial contract shall be subject to any*  
10 *Department of Defense regulation or policy prescribed*  
11 *after the date of the enactment of this section unless*  
12 *the regulation or policy specifically provides that it*  
13 *is applicable to contracts for the procurement of com-*  
14 *mercial products and commercial services by the De-*  
15 *partment of Defense.*

16 “(2) *SUBCONTRACTS UNDER COMMERCIAL CON-*  
17 *TRACTS.*—*No subcontract under a Department of De-*  
18 *fense commercial contract shall be subject to any De-*  
19 *partment of Defense regulation or order prescribed*  
20 *after the date of the enactment of this section unless*  
21 *the regulation or policy specifically provides that it*  
22 *is applicable to subcontracts under Department of De-*  
23 *fense contracts for the procurement of commercial*  
24 *products and commercial services.*

1           “(c) *DEPARTMENT OF DEFENSE COMMERCIAL CON-*  
2 *TRACTS.—In this section, the term ‘Department of Defense*  
3 *commercial contract’ means a contract for the procurement*  
4 *of a commercial product or commercial service entered into*  
5 *by the Secretary of Defense.”.*

6           (c) *CLERICAL AMENDMENT.—The table of sections at*  
7 *the beginning of such chapter is amended by inserting after*  
8 *the item relating to section 2375 the following new item:*  
*“2375a. Applicability of certain Executive orders and regulations.”.*

9   **SEC. 834. MODIFICATIONS TO PROCUREMENT THROUGH**  
10                           **COMMERCIAL E-COMMERCE PORTALS.**

11           *Section 846 of the National Defense Authorization Act*  
12 *for Fiscal Year 2018 (Public Law 115–91; 41 U.S.C. 1901*  
13 *note) is amended—*

14                   (1) *in subsection (f), by adding at the end the*  
15 *following new paragraph:*

16                           “(5) *A procurement of a product made through*  
17 *a commercial e-commerce portal under the program*  
18 *established pursuant to subsection (a) is deemed to*  
19 *satisfy requirements for full and open competition*  
20 *pursuant to section 2304 of title 10, United States*  
21 *Code, and section 3301 of title 41, United States*  
22 *Code, if—*

23                                   “(A) *there are offers from two or more sup-*  
24 *pliers of such a product or similar product with*  
25 *substantially the same physical, functional, or*

1           *performance characteristics on the online mar-*  
2           *ketplace; and*

3                   “(B) *the Administrator establishes proce-*  
4           *dures to implement subparagraph (A) and noti-*  
5           *fies Congress at least 30 days before imple-*  
6           *menting such procedures.”.*

7           (2) *by redesignating subsections (j) and (k) as*  
8           *subsections (k) and (l), respectively; and*

9           (3) *by inserting after subsection (i) the following*  
10          *new subsection:*

11          “(j)    *MICRO-PURCHASE    THRESHOLD.—Notwith-*  
12          *standing section 2338 of title 10, United States Code, and*  
13          *section 1902 of title 41, United States Code, the micro-pur-*  
14          *chase threshold for a procurement of a product through a*  
15          *commercial e-commerce portal used under the program es-*  
16          *tablished under subsection (a) is \$25,000.”.*

17          ***Subtitle D—Industrial Base Matters***

18          ***SEC. 841. REQUIREMENT THAT CERTAIN SHIP COMPO-***  
19                    ***NENTS BE MANUFACTURED IN THE NA-***  
20                    ***TIONAL TECHNOLOGY AND INDUSTRIAL***  
21                    ***BASE.***

22           (a) *ADDITIONAL PROCUREMENT LIMITATION.—Section*  
23          *2534(a) of title 10, United States Code, is amended by add-*  
24          *ing at the end the following new paragraph:*

1           “(6) *COMPONENTS FOR AUXILIARY SHIPS.*—Sub-  
2           *ject to subsection (k), the following components:*

3                   “(A) *Auxiliary equipment, including*  
4                   *pumps, for all shipboard services.*

5                   “(B) *Propulsion system components, includ-*  
6                   *ing engines, reduction gears, and propellers.*

7                   “(C) *Shipboard cranes.*

8                   “(D) *Spreaders for shipboard cranes.*”.

9           (b) *IMPLEMENTATION.*—*Such section is further amend-*  
10 *ed by adding at the end the following new subsection:*

11           “(k) *IMPLEMENTATION OF AUXILIARY SHIP COMPO-*  
12 *NENT LIMITATION.*—*Subsection (a)(6) applies only with re-*  
13 *spect to contracts awarded by the Secretary of a military*  
14 *department for new construction of an auxiliary ship after*  
15 *the date of the enactment of the National Defense Authoriza-*  
16 *tion Act for Fiscal Year 2019 using funds available for Na-*  
17 *tional Defense Sealift Fund programs or Shipbuilding and*  
18 *Conversion, Navy. For purposes of this subsection, the term*  
19 *‘auxiliary ship’ does not include an icebreaker.*”.

20 **SEC. 842. REPORT ON DOMESTIC SOURCING OF SPECIFIC**  
21 **COMPONENTS FOR ALL NAVAL VESSELS.**

22           *Not later than March 1, 2019, the Secretary of the*  
23 *Navy shall submit to the congressional defense committees*  
24 *a report that provides a market survey and cost assessment*

1 *associated with limiting competition to domestic sources*  
2 *for—*

3 *(1) naval vessel components listed in section*  
4 *2534(a)(3) of title 10, United States Code;*

5 *(2) expanding such list to include all ships au-*  
6 *thorized using funds available for Shipbuilding and*  
7 *Conversion, Navy and Other Procurement, Navy; and*

8 *(3) expanding such list to include waterjet ma-*  
9 *rine propulsion systems, azimuth thrusters, and bow*  
10 *thrusters for all ships authorized using funds avail-*  
11 *able for Shipbuilding and Conversion, Navy and*  
12 *Other Procurement, Navy.*

13 **SEC. 843. REMOVAL OF NATIONAL INTEREST DETERMINA-**  
14 **TION REQUIREMENTS FOR CERTAIN ENTI-**  
15 **TIES.**

16 *(a) IN GENERAL.—Effective October 1, 2020, a covered*  
17 *NTIB entity operating under a special security agreement*  
18 *pursuant to the National Industrial Security Program shall*  
19 *not be required to obtain a national interest determination*  
20 *as a condition for access to proscribed information.*

21 *(b) ACCELERATION AUTHORIZED.—Notwithstanding*  
22 *the effective date of this section, the Secretary of Defense,*  
23 *in consultation with the Director of the Information Secu-*  
24 *rity Oversight Office, may waive the requirement to obtain*  
25 *a national interest determination for a covered NTIB entity*

1 *operating under such a special security agreement that*  
2 *has—*

3           (1) *a demonstrated successful record of compli-*  
4 *ance with the National Industrial Security Program;*  
5 *and*

6           (2) *previously been approved for access to pro-*  
7 *scribed information.*

8 *(c) DEFINITIONS.—In this section:*

9           (1) *COVERED NTIB ENTITY.—The term “covered*  
10 *NTIB entity” means a person that is a subsidiary lo-*  
11 *cated in the United States—*

12                   (A) *for which the ultimate parent company*  
13 *and any intermediate parent companies of such*  
14 *subsidiary are located in a country that is part*  
15 *of the national technology and industrial base*  
16 *(as defined in section 2500 of title 10, United*  
17 *States Code); and*

18                   (B) *that is subject to the foreign ownership,*  
19 *control, or influence requirements of the National*  
20 *Industrial Security Program.*

21           (2) *PROSCRIBED INFORMATION.—The term “pro-*  
22 *scribed information” means information that is—*

23                   (A) *classified at the level of top secret;*

1           (B) *communications security information*  
2           *(excluding controlled cryptographic items when*  
3           *un-keyed or utilized with unclassified keys);*

4           (C) *restricted data (as defined in section 11*  
5           *of the Atomic Energy Act of 1954 (42 U.S.C.*  
6           *2014));*

7           (D) *special access program information*  
8           *under section 4.3 of Executive Order No. 13526*  
9           *(75 Fed. Reg. 707; 50 U.S.C. 3161 note) or suc-*  
10          *cessor order; or*

11          (E) *designated as sensitive compartmented*  
12          *information.*

13 **SEC. 844. PILOT PROGRAM TO TEST MACHINE-VISION TECH-**  
14           **NOLOGIES TO DETERMINE THE AUTHEN-**  
15           **TICITY AND SECURITY OF MICROELECTRONIC**  
16           **PARTS IN WEAPON SYSTEMS.**

17          (a) *PILOT PROGRAM AUTHORIZED.—The Undersec-*  
18          *retary of Defense for Research and Engineering, in coordina-*  
19          *tion with the Defense Microelectronics Activity, shall estab-*  
20          *lish a pilot program to test the feasibility and reliability*  
21          *of using machine-vision technologies to determine the au-*  
22          *thenticity and security of microelectronic parts in weapon*  
23          *systems.*

24          (b) *OBJECTIVES OF PILOT PROGRAM.—The Undersec-*  
25          *retary of Defense for Research and Engineering, in coordi-*



1 *nation with the Defense Microelectronics Activity, shall de-*  
2 *sign any pilot program conducted under this section to de-*  
3 *termine the following:*

4           (1) *The effectiveness and technology readiness*  
5 *level of machine-vision technologies to determine the*  
6 *authenticity of microelectronic parts at the time of*  
7 *the creation of such part through final insertion of*  
8 *such part into weapon systems.*

9           (2) *The best method of incorporating machine-vi-*  
10 *sion technologies into the process of developing, trans-*  
11 *porting, and inserting microelectronics into weapon*  
12 *systems.*

13           (3) *The rules, regulations, or processes that*  
14 *hinder the development and incorporation of ma-*  
15 *chine-vision technologies, and the application of such*  
16 *rules, regulations, or processes to mitigate counterfeit*  
17 *microelectronics proliferation throughout the Depart-*  
18 *ment of Defense.*

19           (c) *CONSULTATION.—To develop the pilot program*  
20 *under this section, the Undersecretary of Defense for Re-*  
21 *search and Engineering, in coordination with the Defense*  
22 *Microelectronics Activity, may consult with the following*  
23 *entities:*

24           (1) *Manufacturers of semiconductors or elec-*  
25 *tronics.*



1 **“§2283. Department of Defense small business strat-**  
2 **egy**

3 “(a) *IN GENERAL.*—*The Secretary of Defense shall im-*  
4 *plement a small business strategy for the Department of De-*  
5 *fense that meets the requirements of this section.*

6 “(b) *UNIFIED MANAGEMENT STRUCTURE.*—*As part of*  
7 *the small business strategy described in subsection (a), the*  
8 *Secretary shall ensure that there is a unified management*  
9 *structure within the Department for the functions of the De-*  
10 *partment relating to—*

11 “(1) *programs and activities related to small*  
12 *business concerns (as defined in section 3 of the Small*  
13 *Business Act);*

14 “(2) *manufacturing and industrial base policy;*  
15 *and*

16 “(3) *any procurement technical assistance pro-*  
17 *gram established under chapter 142 of this title.*

18 “(c) *PURPOSE OF SMALL BUSINESS PROGRAMS.*—*The*  
19 *Secretary shall ensure that programs and activities of the*  
20 *Department of Defense related to small business concerns*  
21 *are carried out so as to further national defense programs*  
22 *and priorities and the statements of purpose for Depart-*  
23 *ment of Defense acquisition set forth in section 801 of the*  
24 *National Defense Authorization Act for Fiscal Year 2018*  
25 *(Public Law 115–91; 131 Stat. 1449).*

1       “(d) *POINTS OF ENTRY INTO DEFENSE MARKET.*—The  
2 *Secretary shall ensure—*

3               “(1) *that opportunities for small business con-*  
4 *cerns to contract with the Department of Defense are*  
5 *identified clearly; and*

6               “(2) *that small business concerns are able to*  
7 *have access to program managers, contracting officers,*  
8 *and other persons using the products or services of*  
9 *such concern to the extent necessary to inform such*  
10 *persons of emerging and existing capabilities of such*  
11 *concerns.*

12       “(e) *ENHANCED OUTREACH UNDER PROCUREMENT*  
13 *TECHNICAL ASSISTANCE PROGRAM MARKET.*—The *Sec-*  
14 *retary shall enable and promote activities to provide coordi-*  
15 *nated outreach to small business concerns through any pro-*  
16 *curement technical assistance program established under*  
17 *chapter 142 of this title to facilitate small business con-*  
18 *tracting with the Department of Defense.”.*

19       (b) *IMPLEMENTATION.*—

20               (1) *DEADLINE.*—The *Secretary of Defense shall*  
21 *develop the small business strategy required by section*  
22 *2283 of title 10, United States Code, as added by sub-*  
23 *section (a), not later than 180 days after the date of*  
24 *the enactment of this Act.*

1           (2) *NOTICE TO CONGRESS AND PUBLICATION.*—  
2           *Upon completion of the development of the small busi-*  
3           *ness strategy pursuant to paragraph (1), the Sec-*  
4           *retary shall—*

5                     (A) *transmit the strategy to Congress; and*  
6                     (B) *publish the strategy on a public website*  
7                     *of the Department of Defense.*

8           (c) *CLERICAL AMENDMENT.*—*The table of sections at*  
9           *the beginning of such chapter is amended by adding at the*  
10           *end the following new item:*

*“2283. Department of Defense small business strategy.”.*

11 **SEC. 852. PROMPT PAYMENTS OF SMALL BUSINESS CON-**  
12 **TRACTORS.**

13           Section 2307(a) of title 10, United States Code, is  
14 *amended—*

15                     (1) *by redesignating paragraphs (1) and (2) as*  
16                     *subparagraphs (A) and (B), respectively;*

17                     (2) *by striking “The head of any agency may—*  
18                     *” and inserting “(1) The head of any agency may”;*  
19                     *and*

20                     (3) *by adding at the end the following new para-*  
21                     *graph:*

22                     “(2)(A) *For a prime contractor (as defined in section*  
23                     *8701 of title 41) that is a small business concern (as defined*  
24                     *in section 3 of the Small Business Act (15 U.S.C. 632)),*  
25                     *the head of an agency shall, to the fullest extent permitted*

1 *by law, establish an accelerated payment date with a goal*  
2 *of 15 days after receipt of a proper invoice for the amount*  
3 *due if a specific payment date is not established by contract.*

4       “(B) *For a prime contractor that subcontracts with*  
5 *a small business concern, the head of an agency shall, to*  
6 *the fullest extent permitted by law, establish an accelerated*  
7 *payment date with a goal of 15 days after receipt of a prop-*  
8 *er invoice for the amount due if—*

9               “(i) *a specific payment date is not established by*  
10 *contract; and*

11               “(ii) *the prime contractor agrees to make pay-*  
12 *ments to the subcontractor in accordance with the ac-*  
13 *celerated payment date, to the maximum extent prac-*  
14 *ticable, without any further consideration from or fees*  
15 *charged to the subcontractor.”.*

16 **SEC. 853. INCREASED PARTICIPATION IN THE SMALL BUSI-**  
17 **NESS ADMINISTRATION MICROLOAN PRO-**  
18 **GRAM.**

19 (a) *DEFINITIONS.—In this section—*

20               (1) *the term “intermediary” has the meaning*  
21 *given that term in section 7(m)(11) of the Small*  
22 *Business Act (15 U.S.C. 636(m)(11)); and*

23               (2) *the term “microloan program” means the*  
24 *program established under section 7(m) of the Small*  
25 *Business Act (15 U.S.C. 636(m)).*

1           (b) *MICROLOAN INTERMEDIARY LENDING LIMIT IN-*  
2 *CREASED.*—Section 7(m)(3)(C) of the Small Business Act  
3 (15 U.S.C. 636(m)(3)(C)) is amended by striking  
4 “\$5,000,000” and inserting “\$6,000,000”.

5           (c) *MICROLOAN TECHNICAL ASSISTANCE.*—Section  
6 7(m)(4)(E) of the Small Business Act (15 U.S.C.  
7 636(m)(4)(E)) is amended by striking “25 percent” each  
8 place such term appears and inserting “50 percent”.

9           (d) *SBA STUDY OF MICROENTERPRISE PARTICIPA-*  
10 *TION.*—Not later than 1 year after the date of enactment  
11 of this section, the Administrator of the Small Business Ad-  
12 ministration shall conduct a study and submit to the Com-  
13 mittee on Small Business and Entrepreneurship of the Sen-  
14 ate and the Committee on Small Business of the House of  
15 Representatives a report on—

16           (1) the operations (including services provided,  
17 structure, size, and area of operation) of a representa-  
18 tive sample of—

19           (A) intermediaries that are eligible to par-  
20 ticipate in the microloan program and that do  
21 participate; and

22           (B) intermediaries that are eligible to par-  
23 ticipate in the microloan program and that do  
24 not participate;

1           (2) *the reasons why eligible intermediaries de-*  
2           *scribed in paragraph (1)(B) choose not to participate*  
3           *in the microloan program;*

4           (3) *recommendations on how to encourage in-*  
5           *creased participation in the microloan program by el-*  
6           *igible intermediaries described in paragraph (1)(B);*  
7           *and*

8           (4) *recommendations on how to decrease the costs*  
9           *associated with participation in the microloan pro-*  
10          *gram for eligible intermediaries.*

11          (e) *GAO STUDY ON MICROLOAN INTERMEDIARY PRAC-*  
12          *TICES.—Not later than 1 year after the date of enactment*  
13          *of this section, the Comptroller General of the United States*  
14          *shall submit to the Committee on Small Business and En-*  
15          *trepreneurship of the Senate and the Committee on Small*  
16          *Business of the House of Representatives a report evalu-*  
17          *ating—*

18                 (1) *oversight of the microloan program by the*  
19                 *Small Business Administration, including oversight*  
20                 *of intermediaries participating in the microloan pro-*  
21                 *gram; and*

22                 (2) *the specific processes used by the Small Busi-*  
23                 *ness Administration to ensure—*

24                         (A) *compliance by intermediaries partici-*  
25                         *pating in the microloan program; and*



1                   (B) the overall performance of the  
2                   microloan program.

3 **SEC. 854. AMENDMENTS TO SMALL BUSINESS INNOVATION**  
4                   **RESEARCH PROGRAM AND SMALL BUSINESS**  
5                   **TECHNOLOGY TRANSFER PROGRAM.**

6           (a) *USE OF SBIR OR STTR FUNDING FOR ADMINIS-*  
7 *TRATIVE COSTS.*—Section 9 of the Small Business Act (15  
8 *U.S.C. 638)* is amended—

9                   (1) in subsection (f)—

10                   (A) in paragraph (2), by striking “shall  
11                   not” and all that follows through “make avail-  
12                   able” and inserting “shall not make available”;  
13                   and

14                   (B) by adding at the end the following new  
15                   paragraph:

16                   “(5) *ADMINISTRATIVE COSTS.*—A Federal agency  
17                   may use up to 3 percent of its SBIR budget estab-  
18                   lished pursuant to paragraph (1) for the purpose of  
19                   funding administrative costs of the program.”; and

20                   (2) in subsection (n)—

21                   (A) in paragraph (2), by striking “shall  
22                   not” and all that follows through “make avail-  
23                   able” and inserting “shall not make available”;  
24                   and

1                   (B) by adding at the end the following new  
2                   paragraph:

3                   “(4) *ADMINISTRATIVE COSTS.*—A Federal agency  
4                   may use up to 3 percent of its SBIR budget estab-  
5                   lished pursuant to paragraph (1) for the purpose of  
6                   funding administrative costs of the program.”.

7                   (b) *EXPANSION OF PHASE FLEXIBILITY.*—Section  
8                   9(cc) of such Act (15 U.S.C. 638(cc)) is amended by striking  
9                   “During fiscal years” and all that follows through “may  
10                  each provide” and inserting “During fiscal years 2018  
11                  through 2022, all agencies participating in the SBIR pro-  
12                  gram may provide”.

13                  **SEC. 855. CONSTRUCTION CONTRACT ADMINISTRATION.**

14                  Section 15 of the Small Business Act (15 U.S.C. 644)  
15                  is amended by adding at the end the following new sub-  
16                  section:

17                  “(w) *SOLICITATION NOTICE REGARDING ADMINISTRA-*  
18                  *TION OF CHANGE ORDERS FOR CONSTRUCTION.*—

19                  “(1) *IN GENERAL.*—With respect to any solicita-  
20                  tion for the award of a contract for construction an-  
21                  ticipated to be awarded to a small business concern,  
22                  the agency administering such contract shall provide  
23                  a notice along with the solicitation to prospective bid-  
24                  ders and offerors that includes—

1           “(A) *information about the agency’s policies*  
2           *or practices in complying with the requirements*  
3           *of the Federal Acquisition Regulation relating to*  
4           *the timely definitization of requests for an equi-*  
5           *table adjustment; and*

6           “(B) *information about the agency’s past*  
7           *performance in definitizing requests for equitable*  
8           *adjustments in accordance with paragraph (2).*

9           “(2) *REQUIREMENTS FOR AGENCIES.—An agen-*  
10          *cy shall provide the past performance information de-*  
11          *scribed under paragraph (1)(B) as follows:*

12           “(A) *For the 3-year period preceding the*  
13           *issuance of the notice, to the extent such informa-*  
14           *tion is available.*

15           “(B) *With respect to an agency that, on the*  
16           *date of the enactment of this subsection, has not*  
17           *compiled the information described under para-*  
18           *graph (1)(B)—*

19            “(i) *beginning 1 year after the date of*  
20            *the enactment of this subsection, for the 1-*  
21            *year period preceding the issuance of the*  
22            *notice;*

23            “(ii) *beginning 2 years after the date*  
24            *of the enactment of this subsection, for the*

1           2-year period preceding the issuance of the  
2           notice; and

3                   “(iii) beginning 3 years after the date  
4                   of the enactment of this subsection and each  
5                   year thereafter, for the 3-year period pre-  
6                   ceding the issuance of the notice.

7           “(3) *FORMAT OF PAST PERFORMANCE INFORMA-*  
8           *TION.—In the notice required under paragraph (1),*  
9           *the agency shall ensure that the past performance in-*  
10           *formation described under paragraph (1)(B) is set*  
11           *forth separately for each definitization action that*  
12           *was completed during the following periods:*

13                   “(A) *Not more than 30 days after receipt of*  
14                   *a request for an equitable adjustment.*

15                   “(B) *Not more than 60 days after receipt of*  
16                   *a request for an equitable adjustment.*

17                   “(C) *Not more than 90 days after receipt of*  
18                   *a request for an equitable adjustment.*

19                   “(D) *Not more than 180 days after receipt*  
20                   *of a request for an equitable adjustment.*

21                   “(E) *More than 365 days after receipt of a*  
22                   *request for an equitable adjustment.*

23                   “(F) *After the completion of the perform-*  
24                   *ance of the contract through a contract modifica-*  
25                   *tion addressing all undefinitized requests for an*

1           *equitable adjustment received during the term of*  
2           *the contract.”.*

3 **SEC. 856. BROADBAND AND EMERGING INFORMATION**  
4           **TECHNOLOGY COORDINATOR.**

5           *(a) IN GENERAL.—The Small Business Act (15 U.S.C.*  
6 *631 et seq.) is amended—*

7           *(1) by redesignating section 47 as section 48;*  
8           *and*

9           *(2) by inserting after section 46 the following:*

10 **“SEC. 47. BROADBAND AND EMERGING INFORMATION**  
11           **TECHNOLOGY.**

12           *“(a) DEFINITIONS.—In this section—*

13           *“(1) the term ‘OII Associate Administrator’*  
14 *means the Associate Administrator for the Office of*  
15 *Investment and Innovation; and*

16           *“(2) the term ‘broadband and emerging informa-*  
17 *tion technology coordinator’ means the employee des-*  
18 *ignated to carry out the broadband and emerging in-*  
19 *formation technology coordination responsibilities of*  
20 *the Administration under subsection (b)(1).*

21           *“(b) ASSIGNMENT OF COORDINATOR.—*

22           *“(1) ASSIGNMENT OF COORDINATOR.—The OII*  
23 *Associate Administrator shall designate a senior em-*  
24 *ployee of the Office of Investment and Innovation to*

1       *serve as the broadband and emerging information*  
2       *technology coordinator, who—*

3               “(A) *shall report to the OII Associate Ad-*  
4               *ministrator;*

5               “(B) *shall work in coordination with—*

6                       “(i) *the chief information officer, the*  
7                       *chief technology officer, and the head of the*  
8                       *Office of Technology of the Administration;*  
9                       *and*

10                      “(ii) *any other Associate Adminis-*  
11                      *trator of the Administration determined ap-*  
12                      *propriate by the OII Associate Adminis-*  
13                      *trator;*

14               “(C) *has experience developing and imple-*  
15               *menting telecommunications policy in the pri-*  
16               *vate sector or government; and*

17               “(D) *has demonstrated significant experi-*  
18               *ence in the area of broadband or emerging infor-*  
19               *mation technology.*

20               “(2) *RESPONSIBILITIES OF COORDINATOR.—The*  
21               *broadband and emerging information technology coor-*  
22               *dinator shall—*

23                      “(A) *coordinate programs of the Adminis-*  
24                      *tration that assist small business concerns in*  
25                      *adopting, making innovations in, and using*

1           *broadband and other emerging information tech-*  
2           *nologies;*

3           “(B) *serve as the primary liaison of the Ad-*  
4           *ministration to other Federal agencies involved*  
5           *in broadband and emerging information tech-*  
6           *nology policy, including the Department of Com-*  
7           *merce, the Department of Agriculture, and the*  
8           *Federal Communications Commission;*

9           “(C) *identify best practices relating to*  
10          *broadband and emerging information technology*  
11          *that may benefit small business concerns; and*

12          “(D) *identify and catalog tools and train-*  
13          *ing available through the resource partners of the*  
14          *Administration that assist small business con-*  
15          *cerns in adopting, making innovations in, and*  
16          *using broadband and emerging technologies.*

17          “(3) *TRAVEL.—Not more than 20 percent of the*  
18          *hours of service by the broadband and emerging infor-*  
19          *mation technology coordinator during any fiscal year*  
20          *shall consist of travel outside the United States to*  
21          *perform official duties.*

22          “(c) *BROADBAND AND EMERGING TECHNOLOGY*  
23          *TRAINING.—*

1           “(1) *TRAINING.*—*The OII Associate Administrator shall provide to employees of the Administration training that—*

2  
3  
4           “(A) *familiarizes employees of the Administration with broadband and other emerging information technologies;*

5  
6  
7           “(B) *includes—*

8           “(i) *instruction on counseling small business concerns regarding adopting, making innovations in, and using broadband and other emerging information technologies; and*

9  
10           “(ii) *information on programs of the Federal Government that provide assistance to small business concerns relating to broadband and emerging information technologies; and*

11  
12  
13           “(C) *to maximum extent practicable, uses the tools and training cataloged and identified under subsection (b)(2)(D).*

14  
15  
16  
17  
18           “(2) *FUNDING.*—*The Administrator shall use funds made available to the Office of Investment and Innovation to carry out this subsection.*

19  
20  
21  
22  
23  
24           “(d) *REPORTS.*—



1           “(1) *BIENNIAL REPORT ON ACTIVITIES.*—Not  
2           *later than 2 years after the date on which the OII As-*  
3           *sociate Administrator makes the first designation of*  
4           *an employee under subsection (b), and every 2 years*  
5           *thereafter, the broadband and emerging information*  
6           *technology coordinator shall submit to the Committee*  
7           *on Small Business and Entrepreneurship of the Sen-*  
8           *ate and the Committee on Small Business of the*  
9           *House of Representatives a report regarding the pro-*  
10           *grams and activities of the Administration relating to*  
11           *broadband and other emerging information tech-*  
12           *nologies.*

13           “(2) *IMPACT OF BROADBAND SPEED AND PRICE*  
14           *ON SMALL BUSINESSES.*—

15           “(A) *IN GENERAL.*—Subject to appropria-  
16           *tions, the Chief Counsel for Advocacy shall con-*  
17           *duct a study evaluating the impact of broadband*  
18           *speed and price on small business concerns.*

19           “(B) *REPORT.*—Not later than 3 years after  
20           *the date of enactment of the Small Business*  
21           *Broadband and Emerging Information Tech-*  
22           *nology Enhancement Act of 2017, the Chief*  
23           *Counsel for Advocacy shall submit to the Com-*  
24           *mittee on Commerce, Science, and Transpor-*  
25           *tation and the Committee on Small Business*

1           *and Entrepreneurship of the Senate and the*  
2           *Committee on Energy and Commerce and the*  
3           *Committee on Small Business of the House of*  
4           *Representatives a report on the results of the*  
5           *study under subparagraph (A), including—*

6                     “(i) a survey of broadband speeds  
7                     available to small business concerns;

8                     “(ii) a survey of the cost of broadband  
9                     speeds available to small business concerns;

10                    “(iii) a survey of the type of  
11                    broadband technology used by small busi-  
12                    ness concerns; and

13                    “(iv) any policy recommendations that  
14                    may improve the access of small business  
15                    concerns to comparable broadband services  
16                    at comparable rates in all regions of the  
17                    United States.”.

18           (b) *ENTREPRENEURIAL DEVELOPMENT.*—Section  
19 *21(c)(3)(B) of the Small Business Act (15 U.S.C.*  
20 *648(c)(3)(B)) is amended—*

21                    (1) *in the matter preceding clause (i), by insert-*  
22                    *ing “accessing broadband and other emerging infor-*  
23                    *mation technology,” after “technology transfer,”;*

24                    (2) *in clause (ii), by striking “and” at the end;*

1           (3) *in clause (iii), by adding “and” at the end;*

2           *and*

3           (4) *by adding at the end the following:*

4                   “(iv) *increasing the competitiveness and*  
5                   *productivity of small business concerns by assist-*  
6                   *ing owners of such concerns in accessing*  
7                   *broadband and other emerging information tech-*  
8                   *nology;”.*

9   **SEC. 857. AMENDMENTS TO THE SMALL BUSINESS INVEST-**  
10                   **MENT ACT OF 1958.**

11           (a) *INVESTMENT IN SMALL BUSINESS INVESTMENT*  
12   *COMPANIES.—Section 302(b) of the Small Business Invest-*  
13   *ment Act of 1958 (15 U.S.C. 682(b)) is amended—*

14                   (1) *in paragraph (1), by inserting before the pe-*  
15                   *riod the following: “or, subject to the approval of the*  
16                   *appropriate Federal banking agency, 15 percent of*  
17                   *such capital and surplus”;*

18                   (2) *in paragraph (2), by inserting before the pe-*  
19                   *riod the following: “or, subject to the approval of the*  
20                   *appropriate Federal banking agency, 15 percent of*  
21                   *such capital and surplus”; and*

22                   (3) *by adding at the end the following:*

23                   “(3) *APPROPRIATE FEDERAL BANKING AGENCY*  
24   *DEFINED.—For purposes of this subsection, the term*  
25   *‘appropriate Federal banking agency’ has the mean-*



1       (b) *REQUIREMENTS FOR BUDGET DISPLAY.*—The  
2 *budget justification under subsection (a) shall include—*

3           (1) *the amount obligated or expended, by appro-*  
4 *propriation and functional area, for each activity con-*  
5 *ducted under a Small Business Innovation Research*  
6 *Program or Small Business Technology Transfer Pro-*  
7 *gram, with supporting narrative descriptions and ra-*  
8 *tionale for the funding levels; and*

9           (2) *a summary and estimate of funding required*  
10 *during the period covered by the current future-years*  
11 *defense program (as defined under section 221 of title*  
12 *10, United States Code).*

13       (c) *TERMINATION.*—*The requirements of this section*  
14 *shall terminate on December 31, 2022.*

15 **SEC. 859. FUNDING FOR PROCUREMENT TECHNICAL AS-**  
16 **SISTANCE PROGRAM.**

17       (a) *AMOUNT OF ASSISTANCE FROM SECRETARY.*—*Sec-*  
18 *tion 2413(b) of title 10, United States Code, is amended—*

19           (1) *by striking “not more than 65 percent” and*  
20 *inserting “not more than 75 percent”; and*

21           (2) *in paragraph (1), by striking “more than 65*  
22 *percent, but not more than 75 percent” and inserting*  
23 *“more than 75 percent, but not more than 85 per-*  
24 *cent”.*

1       (b) *FUNDING FOR ELIGIBLE ENTITIES.*—Section  
2 2414(a) of such title is amended—

3           (1) in paragraph (1), by striking “\$750,000”  
4 and inserting “\$1,000,000”;

5           (2) in paragraph (2), by striking “\$450,000”  
6 and inserting “\$750,000”;

7           (3) in paragraph (3), by striking “\$300,000”  
8 and inserting “\$450,000”; and

9           (4) in paragraph (4), by striking “\$750,000”  
10 and inserting “\$1,000,000”.

11 **SEC. 860. EXEMPTION OF CERTAIN CONTRACTS FROM THE**  
12 **PERIODIC INFLATION ADJUSTMENTS TO THE**  
13 **ACQUISITION-RELATED DOLLAR THRESHOLD.**

14       Subparagraph (B) of section 1908(b)(2) of title 41,  
15 United States Code, is amended by inserting “3131 to  
16 3134,” after “sections”.

17 **Subtitle F—Other Matters**

18 **SEC. 871. ADDITIONAL REQUIREMENTS FOR NEGOTIATIONS**  
19 **FOR NONCOMMERCIAL COMPUTER SOFT-**  
20 **WARE.**

21       Section 2322a of title 10, United States Code, is  
22 amended by adding at the end the following new sub-  
23 sections:

24       “(c) *RIGHTS TO NONCOMMERCIAL COMPUTER SOFT-*  
25 *WARE.*—As part of any negotiation for the acquisition of

1 *noncommercial computer software, the Secretary of Defense*  
2 *may not require a contractor to sell or otherwise relinquish*  
3 *to the Federal Government any rights to noncommercial*  
4 *computer software developed exclusively at private expense,*  
5 *except for rights related to—*

6           “(1) *corrections or changes to such software or*  
7 *documentation related to such software furnished to*  
8 *the contractor by the Department of Defense;*

9           “(2) *such software or documentation related to*  
10 *such software that is otherwise publicly available or*  
11 *that has been released or disclosed by the contractor*  
12 *or subcontractor without restrictions on further use,*  
13 *release, or disclosure, other than a release or disclo-*  
14 *sure resulting from the sale, transfer, or other assign-*  
15 *ment of interest in such software or documentation to*  
16 *another party.*

17           “(3) *such software or documentation related to*  
18 *such software obtained with unlimited rights under*  
19 *another contract with the Federal Government or as*  
20 *a result of such a negotiation; or*

21           “(4) *such software or documentation related to*  
22 *such software furnished to the Department of Defense*  
23 *under a contract or subcontract that includes—*

24                   “(A) *restricted rights in such software, lim-*  
25 *ited rights in technical data, or government pur-*

1           *pose rights, where such restricted rights, limited*  
2           *rights, or government purpose rights have ex-*  
3           *pired; or*

4                     *“(B) government purpose rights, where the*  
5           *contractor’s exclusive right to use such software*  
6           *or documentation for commercial purposes has*  
7           *expired.*

8           *“(d) CONSIDERATION OF SPECIALLY NEGOTIATED LI-*  
9           *CENSES.—The Secretary of Defense shall, to the maximum*  
10          *extent practicable, negotiate and enter into a contract with*  
11          *a contractor for a specially negotiated license for non-*  
12          *commercial computer software or documentation related to*  
13          *such software necessary to support the product support*  
14          *strategy of a major weapon system or subsystem of a major*  
15          *weapon system.”.*

16          **SEC. 872. REMOVAL OF REQUIREMENT FOR RISK AND SEN-**  
17                                 **SITIVITY ANALYSIS OF BASELINE ESTIMATES**  
18                                 **IN SELECTED ACQUISITION REPORTS.**

19           *Section 2432(c)(1)(B) of title 10, United States Code,*  
20          *is amended by striking “, along with the associated risk*  
21          *and sensitivity analysis of that estimate” each place it ap-*  
22          *pears.*



1 **SEC. 873. PROHIBITION ON ACQUISITION OF SENSITIVE MA-**  
2 **TERIALS FROM NON-ALLIED FOREIGN NA-**  
3 **TIONS.**

4 (a) *IN GENERAL.*—Subchapter V of chapter 148 of title  
5 10, United States Code, is amended by inserting after sec-  
6 tion 2533b the following new section:

7 **“§2533c. Prohibition on acquisition of sensitive mate-**  
8 **rials from non-allied foreign nations**

9 “(a) *IN GENERAL.*—Except as provided in subsection  
10 (c), the Secretary of Defense may not—

11 “(1) procure any end item containing a covered  
12 material from any covered nation, except as provided  
13 by subsection (c); or

14 “(2) sell any covered material from the National  
15 Defense Stockpile, if the National Defense Stockpile  
16 Manager determines that such a sale is not in the na-  
17 tional interests of the United States, to—

18 “(A) any covered nation; or

19 “(B) any third party that the Secretary  
20 reasonably believes is acting as a broker or agent  
21 for a covered nation or an entity in a covered  
22 nation.

23 “(b) *EXTENSION.*—Subsection (a) shall apply to prime  
24 contracts and subcontracts at any tier.

25 “(c) *EXCEPTIONS.*—Subsection (a) does not apply  
26 under the following circumstances:

1           “(1) *If the Secretary of Defense determines that*  
2 *covered materials of satisfactory quality and quan-*  
3 *tity, in the required form, cannot be procured as and*  
4 *when needed.*

5           “(2) *To the procurement of an end item de-*  
6 *scribed in subsection (a)(1) or the sale of any covered*  
7 *material described under subsection (a)(1) by the Sec-*  
8 *retary outside of the United States for use outside of*  
9 *the United States.*

10           “(3) *To the purchase by the Secretary of an end*  
11 *item containing a covered material that is—*

12                   “(A) *a commercially available off-the-shelf*  
13 *item (as defined in section 104 of title 41); or*

14                   “(B) *an electronic device, unless the Sec-*  
15 *retary of Defense, upon the recommendation of*  
16 *the Strategic Materials Protection Board pursu-*  
17 *ant to section 187 of this title, determines that*  
18 *the domestic availability of a particular elec-*  
19 *tronic device is critical to national security.*

20           “(d) *DEFINITIONS.—In this section:*

21                   “(1) *COVERED MATERIAL.—The term ‘covered*  
22 *material’ means—*

23                           “(A) *samarium-cobalt magnets;*

24                           “(B) *neodymium-iron-boron magnets;*

25                           “(C) *tungsten penetrators; and*



1           (4) by inserting after subparagraph (B) the fol-  
2           lowing new subparagraphs:

3           “(C) a transfer to, or possession by, a licensed  
4           manufacturer or licensed importer (if, with respect to  
5           a transfer, such transfer has been approved by the At-  
6           torney General in accordance with law) for purposes  
7           of—

8                   “(i) joint production of a weapon, or inte-  
9                   gration or incorporation into another article or  
10                   device;

11                   “(ii) calibration, testing, or research and  
12                   development;

13                   “(iii) permanent or temporary export, or  
14                   temporary import, otherwise in accordance with  
15                   law; or

16                   “(iv) training of Federal, State, local, or  
17                   foreign government personnel;

18           “(D) a transfer to, or possession by, a licensee  
19           for the purpose of repair and return of the same to  
20           a lawful possessor; or

21           “(E) notwithstanding subsection (g)(5)(B), pos-  
22           session by foreign government personnel for official  
23           training purposes under the direct and continuous su-  
24           pervision of an authorized Federal, State, or local  
25           government official, or a licensee as described in sub-

1        *paragraph (C), provided that, upon completion of the*  
2        *training, such foreign government personnel shall re-*  
3        *linquish possession of the same to such official or li-*  
4        *censee.”.*

5        *(b) IMPORTATION REQUIREMENTS.—Section 925(d) of*  
6        *such title is amended—*

7                *(1) in paragraph (3)—*

8                        *(A) by inserting “except as provided in*  
9                        *paragraph (5),” before “is of”; and*

10                      *(B) by striking “or” at the end;*

11                *(2) in paragraph (4), by striking the period at*  
12        *the end and inserting “; or”; and*

13                *(3) by inserting after paragraph (4) the fol-*  
14        *lowing new paragraph:*

15                *“(5) is being imported or brought in by a li-*  
16        *icensed manufacturer or licensed importer in con-*  
17        *formity with, and solely for a purpose described in*  
18        *subparagraph (A), (C), (D), or (E) of section*  
19        *922(o)(2).”.*

20        *(c) EFFECTIVE DATE.—This section and the amend-*  
21        *ments made by this section shall take effect 30 days after*  
22        *the date of the enactment of this Act.*

1 **SEC. 875. EXPEDITED HIRING AUTHORITY FOR SHORTAGE**  
2 **CATEGORY POSITIONS IN THE ACQUISITION**  
3 **WORKFORCE.**

4 *Section 1703(j) of title 41, United States Code, is*  
5 *amended—*

6 *(1) in paragraph (1)—*

7 *(A) by striking “sections 3304, 5333, and*  
8 *5753 of title 5” and inserting “section 3304 of*  
9 *title 5”;*

10 *(B) by striking “authorities in those sec-*  
11 *tions” and inserting “authority in such section”;*  
12 *and*

13 *(C) by striking “certain Federal acquisition*  
14 *positions (as described in subsection (g)(1)(A))”*  
15 *and inserting “the Federal acquisition provisions*  
16 *described in paragraph (2)”;* and

17 *(2) by redesignating paragraph (2) as para-*  
18 *graph (3);*

19 *(3) by inserting after paragraph (1) the fol-*  
20 *lowing new paragraph:*

21 *“(2) POSITIONS DESCRIBED.—The Federal ac-*  
22 *quisition positions described in this paragraph are*  
23 *the following:*

24 *“(A) Any position listed in (g)(1)(A).*

25 *“(B) All positions in the General Schedule*  
26 *Realty series (GS–1170).”;* and

1           (4) in paragraph (3) (as so redesignated), by  
2           striking “September 30, 2017” and inserting “Sep-  
3           tember 30, 2021”.

4 **SEC. 876. EXTENSION OF PROHIBITION ON PROVIDING**  
5 **FUNDS TO THE ENEMY.**

6           Section 841(n) of the Carl Levin and Howard P.  
7 “Buck” McKeon National Defense Authorization Act for  
8 Fiscal Year 2015 (Public Law 113–291; 127 Stat. 3455;  
9 10 U.S.C. 2302 note) is amended by striking “December  
10 31, 2019” and inserting “December 31, 2021”.

11 **SEC. 877. REPEAL OF CERTAIN DETERMINATIONS RE-**  
12 **QUIRED FOR GRANTS OF EXCEPTIONS TO**  
13 **COST OR PRICING DATA CERTIFICATION RE-**  
14 **QUIREMENTS AND WAIVERS OF COST AC-**  
15 **COUNTING STANDARDS.**

16           Section 817(b) of the Bob Stump National Defense Au-  
17 thorization Act for Fiscal Year 2003 (Public Law 107–314;  
18 10 U.S.C. 2306a note) is amended—

19           (1) by striking paragraph (1); and

20           (2) by redesignating paragraphs (2) and (3) as  
21           paragraphs (1) and (2), respectively.

1 **SEC. 878. REPORTING ON PROJECTS PERFORMED**  
2 **THROUGH TRANSACTIONS OTHER THAN CON-**  
3 **TRACTS, COOPERATIVE AGREEMENTS, AND**  
4 **GRANTS.**

5 (a) *REPORT REQUIRED.*—Not later than December 31,  
6 2018, and each December 31 thereafter through December  
7 31, 2021, the Secretary of Defense shall submit to the con-  
8 gressional defense committees a report covering the pre-  
9 ceding fiscal year on projects described in subsection (b).

10 (b) *CONTENTS.*—Each report under subsection (a)  
11 shall include—

12 (1) for each project performed through a trans-  
13 action (other than contracts, cooperative agreements,  
14 and grants) entered into pursuant to section 2371 or  
15 2371b of title 10, United States Code, for which pay-  
16 ments made by the Department of Defense exceeded  
17 \$5,000,000 for such transaction—

18 (A) an identification of the element of the  
19 Department of Defense and the person or entity  
20 outside of the Department of Defense entering  
21 into such transaction;

22 (B) the date of entry into such transaction;

23 (C) the amount of the payments made by  
24 the Department of Defense for such transaction;

25 (D) the goals and status of each project car-  
26 ried out under such transaction; and



1           (E) the start date and anticipated end date  
2           of each project carried out under such trans-  
3           action; and

4           (2) a description of the mechanisms, including  
5           any policies, guidance, and reporting requirements,  
6           established by the Secretary of Defense to regulate the  
7           use of authority relating to a transaction (other than  
8           contracts, cooperative agreements, and grants) entered  
9           into pursuant to section 2371 or 2371b of title 10,  
10          United States Code.

11 **SEC. 879. STANDARDIZATION OF FORMATTING AND PUBLIC**  
12                           **ACCESSIBILITY OF DEPARTMENT OF DE-**  
13                           **FENSE REPORTS TO CONGRESS.**

14          (a) **BRIEFING REQUIRED.**—Not later than March 1,  
15 2019, the Secretary of Defense shall provide a briefing to  
16 the Committee on Armed Services of the House of Represent-  
17 atives on a plan to standardize the formatting and public  
18 accessibility of unclassified Department of Defense reports  
19 required by Congress. Such briefing shall include a descrip-  
20 tion of the method—

21           (1) for ensuring that reports are created in a  
22           platform-independent, machine-readable format that  
23           can be retrieved, downloaded, indexed, and searched  
24           by commonly used web search applications; and

1           (2) *for providing a publically accessible online*  
2           *repository of unclassified reports of the Department of*  
3           *Defense issued since January 1, 2010, including pro-*  
4           *ocols for inclusion of unclassified reports that, as de-*  
5           *termined by the Secretary, may not be appropriate*  
6           *for public release in their entirety.*

7           (b) *IMPLEMENTATION.—Such plan shall be imple-*  
8           *mented not later than March 1, 2020.*

9           **SEC. 880. DEFENDING UNITED STATES GOVERNMENT COM-**  
10           **MUNICATIONS.**

11           (a) *FINDINGS.—Congress makes the following findings:*

12           (1) *In its 2011 “Annual Report to Congress on*  
13           *Military and Security Developments Involving the*  
14           *People’s Republic of China”, the Department of De-*  
15           *fense stated that, “China’s defense industry has bene-*  
16           *fitted from integration with a rapidly expanding ci-*  
17           *vilian economy and science and technology sector,*  
18           *particularly elements that have access to foreign tech-*  
19           *nology. Progress within individual defense sectors ap-*  
20           *pears linked to the relative integration of each,*  
21           *through China’s civilian economy, into the global pro-*  
22           *duction and R&D chain . . . Information technology*  
23           *companies in particular, including Huawei, Datang,*  
24           *and Zhongxing, maintain close ties to the PLA.”.*

1           (2) *In a 2011 report titled “The National Security Implications of Investments and Products from the People’s Republic of China in the Telecommunications Sector”, the United States China Commission stated that “[n]ational security concerns have accompanied the dramatic growth of China’s telecom sector. . . . Additionally, large Chinese companies—particularly those ‘national champions’ prominent in China’s ‘going out’ strategy of overseas expansion—are directly subject to direction by the Chinese Communist Party, to include support for PRC state policies and goals.”.*

13           (3) *The Commission further stated in its report that “[f]rom this point of view, the clear economic benefits of foreign investment in the U.S. must be weighed against the potential security concerns related to infrastructure components coming under the control of foreign entities. This seems particularly applicable in the telecommunications industry, as Chinese companies continue systematically to acquire significant holdings in prominent global and U.S. telecommunications and information technology companies.”.*

24           (4) *In its 2011 Annual Report to Congress, the United States China Commission stated that “[t]he*

1       *extent of the state’s control of the Chinese economy is*  
2       *difficult to quantify . . . There is also a category of*  
3       *companies that, though claiming to be private, are*  
4       *subject to state influence. Such companies are often in*  
5       *new markets with no established SOE leaders and*  
6       *enjoy favorable government policies that support their*  
7       *development while posing obstacles to foreign competi-*  
8       *tion. Examples include Chinese telecoms giant*  
9       *Huawei and such automotive companies as battery*  
10       *maker BYD and vehicle manufacturers Geely and*  
11       *Chery.”.*

12               *(5) General Michael Hayden, who served as Di-*  
13       *rector of the Central Intelligence Agency and Director*  
14       *of the National Security Agency, stated in July 2013*  
15       *that Huawei had “shared with the Chinese state inti-*  
16       *mate and extensive knowledge of foreign telecommuni-*  
17       *cations systems it is involved with.”.*

18               *(6) The Federal Bureau of Investigation, in a*  
19       *February 2015 Counterintelligence Strategy Partner-*  
20       *ship Intelligence Note stated that, “[w]ith the ex-*  
21       *panded use of Huawei Technologies Inc. equipment*  
22       *and services in U.S. telecommunications service pro-*  
23       *vider networks, the Chinese Government’s potential*  
24       *access to U.S. business communications is dramati-*  
25       *cally increasing. Chinese Government-supported tele-*

1        *communications equipment on U.S. networks may be*  
2        *exploited through Chinese cyber activity, with China’s*  
3        *intelligence services operating as an advanced per-*  
4        *sistent threat to U.S. networks.”.*

5                *(7) The Federal Bureau of Investigation further*  
6        *stated in its February 2015 counterintelligence note*  
7        *that, “China makes no secret that its cyber warfare*  
8        *strategy is predicated on controlling global commu-*  
9        *nications network infrastructure.”.*

10               *(8) At a hearing before the Committee on Armed*  
11        *Services of the House of Representatives on September*  
12        *30, 2015, Deputy Secretary of Defense Robert Work,*  
13        *responding to a question about the use of Huawei*  
14        *telecommunications equipment, stated, “In the Office*  
15        *of the Secretary of Defense, absolutely not. And I*  
16        *know of no other—I don’t believe we operate in the*  
17        *Pentagon, any [Huawei] systems in the Pentagon.”.*

18               *(9) At such hearing, the Commander of the*  
19        *United States Cyber Command, Admiral Mike Rog-*  
20        *ers, responding to a question about why such Huawei*  
21        *telecommunications equipment is not used, stated, “as*  
22        *we look at supply chain and we look at potential*  
23        *vulnerabilities within the system, that it is a risk we*  
24        *felt was unacceptable.”.*

1           (10) *In March 2017, ZTE Corporation pled*  
2 *guilty to conspiring to violate the International*  
3 *Emergency Economic Powers Act by illegally ship-*  
4 *ping United States-origin items to Iran, paying the*  
5 *United States Government a penalty of \$892,360,064*  
6 *dollars for activity between January 2010 and Janu-*  
7 *ary 2016.*

8           (11) *The Treasury Department’s Office of For-*  
9 *oreign Assets Control issued a subpoena to Huawei as*  
10 *part of a Federal investigation of alleged violations of*  
11 *trade restrictions on Cuba, Iran, Sudan, and Syria.*

12           (12) *In the bipartisan Permanent Select Com-*  
13 *mittee on Intelligence of the House of Representatives*  
14 *“Investigative Report on the United States National*  
15 *Security Issues Posed by Chinese Telecommunication*  
16 *Companies Huawei and ZTE” released in 2012, it*  
17 *was recommended that “U.S. government systems,*  
18 *particularly sensitive systems, should not include*  
19 *Huawei or ZTE equipment, including in component*  
20 *parts. Similarly, government contractors—particu-*  
21 *larly those working on contracts for sensitive U.S.*  
22 *programs—should exclude ZTE or Huawei equipment*  
23 *in their systems.”.*

24           (13) *Christopher Wray, who serves as Director of*  
25 *the Federal Bureau of Investigation, stated in Feb-*

1        *ruary 2018 during a hearing of the Select Committee*  
2        *on Intelligence of the Senate that he was “deeply con-*  
3        *cerned about the risks of allowing any company or*  
4        *entity that is beholden to foreign governments that*  
5        *don’t share our values to gain positions of power in-*  
6        *side our telecommunications networks. That provides*  
7        *the capacity to exert pressure or control over our tele-*  
8        *communications infrastructure. It provides the capac-*  
9        *ity to maliciously modify or steal information. And*  
10       *it provides the capacity to conduct undetected espio-*  
11       *nage.” Admiral Mike Rogers, who served as Director*  
12       *of the National Security Agency, agreed with Director*  
13       *Wray’s characterization, and added that Government*  
14       *programs need “to look long and hard at companies*  
15       *like this”.*

16                *(14) Director of National Intelligence Dan Coats,*  
17        *Federal Bureau of Investigation Director Christopher*  
18        *Wray, Director of the Defense Intelligence Agency*  
19        *General Robert Ashley, Director of the National*  
20        *Geospatial-Intelligence Agency Robert Cardillo, Direc-*  
21        *tor of the National Security Agency Admiral Michael*  
22        *Rogers, and Director of the Central Intelligence Agen-*  
23        *cy Michael Pompeo all indicated by show of hands in*  
24        *February 2018 at a hearing of the Select Committee*

1        *on Intelligence of the Senate that they would not “use*  
2        *products or services from Huawei or ZTE”.*

3            *(15) General Paul Nakasone, who served as the*  
4        *Commanding General of United States Army Cyber*  
5        *Command, stated during his confirmation hearing to*  
6        *be National Security Agency director in March 2018*  
7        *before the Select Committee on Intelligence of the Sen-*  
8        *ate that he “would not” use any Huawei, China*  
9        *Unicom, or China Telecom products nor would he rec-*  
10       *ommend his family do so.*

11       *(b) PROHIBITION ON CERTAIN TELECOMMUNICATIONS*  
12       *SERVICES OR EQUIPMENT.—*

13            *(1) PROHIBITION ON AGENCY USE OR PROCURE-*  
14        *MENT.—Except as provided in paragraph (3), begin-*  
15        *ning not later than January 1, 2021, the head of an*  
16        *agency may not procure or obtain, may not extend or*  
17        *renew a contract to procure or obtain, and may not*  
18        *enter into a contract (or extend or renew a contract)*  
19        *with an entity that uses any equipment, system, or*  
20        *service that uses covered telecommunications equip-*  
21        *ment or services as a substantial or essential compo-*  
22        *nent of any system, or as critical technology as part*  
23        *of any system.*

24            *(2) IMPLEMENTATION PLAN.—By not later than*  
25        *180 days after the date of the enactment of this Act,*



1        *each agency shall develop a plan to implement para-*  
2        *graph (1) throughout the agency's supply chain and*  
3        *shall submit such plan to the appropriate congress-*  
4        *sional committees. Each such plan shall be submitted*  
5        *in unclassified form, but may contain a classified*  
6        *annex. The plan for an agency shall include, but not*  
7        *be limited to, how the agency plans to deal with the*  
8        *impact of white label technology on its supply chain*  
9        *whereby the original manufacturer of technology is*  
10       *not readily apparent to a purchaser or user.*

11            *(3) WAIVER.—The head of an agency may, on a*  
12        *one time basis, waive the requirement under para-*  
13        *graph (1) with respect to an entity that requests such*  
14        *a waiver. Such a waiver may be provided for a pe-*  
15        *riod of not more than two years if the entity seeking*  
16        *the waiver—*

17                    *(A) can demonstrate a compelling justifica-*  
18        *tion for additional time to implement such para-*  
19        *graph;*

20                    *(B) submits to the head of the agency, who*  
21        *then submits to the appropriate congressional*  
22        *committees within 30 days, a full and complete*  
23        *laydown of the presence of covered telecommuni-*  
24        *cations equipment or services in the entity's sup-*  
25        *ply chain and a phase-out plan to eliminate*

1           *such covered telecommunications equipment or*  
2           *services from its systems;*

3           *(C) does not permit real-time access to its*  
4           *networks to an entity located or substantially lo-*  
5           *located in a covered foreign country; and*

6           *(D) provides a written guarantee to the*  
7           *head of the agency that it will not procure such*  
8           *covered telecommunications equipment or serv-*  
9           *ices again.*

10          (4) *COVERED COMPONENTS.—With respect to a*  
11          *covered component of an entity for which such entity*  
12          *reasonably believes will not need to be replaced during*  
13          *the 5-year period beginning on the date of the enact-*  
14          *ment of this Act, such entity shall provide a written*  
15          *assurance to the head of the agency for which such*  
16          *covered component is in use that such entity shall re-*  
17          *place such covered component, at the end of such cov-*  
18          *ered component’s reasonable lifecycle, with a com-*  
19          *parable component that is manufactured by a person*  
20          *other than Huawei Technologies Company or ZTE*  
21          *Corporation (or any subsidiary, successor entity, or*  
22          *affiliate of such entities).*

23          (5) *DEFINITIONS.—In this section:*

24                 *(A) The term “appropriate congressional*  
25                 *committees” means the Committees on Armed*

1           *Services of the Senate and House of Representa-*  
2           *tives, the Permanent Select Committee on Intel-*  
3           *ligence of the House of Representatives, the Select*  
4           *Committee on Intelligence of the Senate, the*  
5           *Committee on Oversight and Government Reform*  
6           *of the House of Representatives, and the Com-*  
7           *mittee on Homeland Security and Governmental*  
8           *Affairs of the Senate.*

9           *(B) The term “agency” has the meaning*  
10          *given that term in section 551 of title 5, United*  
11          *States Code.*

12          *(C) The term “covered foreign country”*  
13          *means the People’s Republic of China.*

14          *(D) The term “covered telecommunications*  
15          *equipment or services” means any of the fol-*  
16          *lowing:*

17                  *(i) Telecommunications equipment*  
18                  *produced by Huawei Technologies Company*  
19                  *or ZTE Corporation (or any subsidiary,*  
20                  *successor entity, or affiliate of such enti-*  
21                  *ties).*

22                  *(ii) Telecommunications services pro-*  
23                  *vided by such entities or using such equip-*  
24                  *ment.*

1                   (iii) *Telecommunications equipment or*  
2                   *services produced or provided by an entity*  
3                   *that the head of the relevant agency reason-*  
4                   *ably believes to be an entity owned or con-*  
5                   *trolled by, or otherwise connected to, the*  
6                   *government of a covered foreign country.*

7                   (E) *The term “covered component” means*  
8                   *any component that—*

9                   (i) *is part of any equipment, system,*  
10                  *or service that uses covered telecommuni-*  
11                  *cations equipment or services;*

12                  (ii) *is produced by Huawei Tech-*  
13                  *nologies Company or ZTE Corporation (or*  
14                  *any subsidiary, successor entity, or affiliate*  
15                  *of such entities); and*

16                  (iii) *cannot route or redirect data traf-*  
17                  *fic or visibility into any data or packets*  
18                  *such equipment, system, or service trans-*  
19                  *mits or manipulates.*

20                  (c) *REPORT.—*

21                  (1) *IN GENERAL.—The Director of National In-*  
22                  *telligence, in coordination with the Director of the*  
23                  *Federal Bureau of Investigation and the Secretaries*  
24                  *of State, Homeland Security, and Defense, shall de-*  
25                  *velop a report outlining the national security risks of*

1        *use of Huawei and ZTE technology, especially as it*  
2        *relates to evidence of malicious software or hardware*  
3        *that enables unauthorized network access or control*  
4        *and the type and level of risk, and a plan to share*  
5        *such report, based on appropriate access to classified*  
6        *information, with U.S. allies, partners, and U.S.*  
7        *cleared defense contractors and telecommunications*  
8        *services providers.*

9                (2) *UNCLASSIFIED VERSION.—In addition to the*  
10        *classified report required by paragraph (1), an un-*  
11        *classified version of the report shall be made available*  
12        *for U.S. allies and partners as well as impacted tele-*  
13        *communication companies that do not have access to*  
14        *classified information.*

15                (3) *DEADLINE.—The reports required by para-*  
16        *graph (1) and paragraph (2) of this subsection shall*  
17        *be submitted to the appropriate congressional commit-*  
18        *tees (as defined in subsection (b)(4) of this section)*  
19        *not later than 180 days after the date of the enact-*  
20        *ment of this Act.*

1 **TITLE IX—DEPARTMENT OF DE-**  
2 **FENSE ORGANIZATION AND**  
3 **MANAGEMENT**

4 **Subtitle A—Organization and Man-**  
5 **agement of the Department of**  
6 **Defense Generally**

7 **SEC. 901. AUTHORITY OF SECRETARY OF DEFENSE TO DE-**  
8 **TERMINE COMMAND AND CONTROL RELA-**  
9 **TIONSHIPS.**

10 *Section 113 of title 10, United States Code, is amended*  
11 *by inserting after subsection (k) the following:*

12 *“(l) COMMAND AND CONTROL AUTHORITY.—The Sec-*  
13 *retary of Defense shall have the authority to determine com-*  
14 *mand and control relationships within the military depart-*  
15 *ments, Defense Agencies, and other organizations and ele-*  
16 *ments of the Department of Defense, including the United*  
17 *States Fleet Forces Command and the United States Trans-*  
18 *portation Command, as necessary to fulfill the responsibil-*  
19 *ities of the Secretary under this title.”.*

20 **SEC. 902. CIVILIAN PERSONNEL MANAGEMENT.**

21 *Section 129 of title 10, United States Code, is amend-*  
22 *ed—*

23 *(1) in subsection (a), by striking “Any con-*  
24 *straint or limitation in terms of man years, end*  
25 *strength, full-time equivalent positions, or maximum*

1 *number of employees shall be developed on the basis*  
2 *of those factors and shall be subject to adjustment*  
3 *solely for reasons of changed circumstances.” and in-*  
4 *serting “The cost of the civilian workforce as pre-*  
5 *scribed by Department of Defense Instruction*  
6 *7041.04, issued in 2013 or any successor guidance,*  
7 *shall be compared to the costs of the military and*  
8 *contract workforces, consistent with the requirements*  
9 *of section 129a, 2461, and 2463 of this title.”; and*

10 *(2) in subsection (c)(2)—*

11 *(A) in each of subparagraphs (A) and (B),*  
12 *by inserting “and associated costs” after “pro-*  
13 *jected size”; and*

14 *(B) in subparagraph (B), by striking “that*  
15 *have been taken to identify offsetting reductions*  
16 *and avoid unnecessary overall growth in the size*  
17 *of the civilian workforce” and inserting “to re-*  
18 *duce the overall costs of the total force of mili-*  
19 *tary, civilian, and contract workforces consistent*  
20 *with sections 129a, 2461, and 2463 of this title”.*

21 **SEC. 903. PERFORMANCE OF CIVILIAN FUNCTIONS BY MILI-**  
22 **TARY PERSONNEL.**

23 *Section 129a(g)(1) of title 10, United States Code, is*  
24 *amended—*

1           (1) *in subparagraph (A), by striking “or re-*  
2 *quired by a mission” and inserting “pursuant to De-*  
3 *partment of Defense Instruction 7041.04, issued on*  
4 *July 3, 2013, or any successor guidance, and when*  
5 *required by a mission within the military occupa-*  
6 *tional specialty for which the military personnel have*  
7 *been trained”;* and

8           (2) *in subparagraph (B), by inserting “, and*  
9 *only if the functions to be performed by military per-*  
10 *sonnel are consistent with the training requirements*  
11 *for the military occupational specialty for which such*  
12 *personnel have been trained” before the period at the*  
13 *end.*

14 **SEC. 904. ROLES OF UNDER SECRETARY OF DEFENSE FOR**  
15 **POLICY AND UNDER SECRETARY OF DEFENSE**  
16 **FOR INTELLIGENCE.**

17           (a) *UNDER SECRETARY OF DEFENSE FOR POLICY.—*  
18 *Section 134(b) of title 10, United States Code, is amend-*  
19 *ed—*

20           (1) *by redesignating paragraphs (3) and (4) as*  
21 *paragraphs (4) and (5), respectively;*

22           (2) *by inserting after paragraph (2) the fol-*  
23 *lowing new paragraph (3):*

24           “(3) *Subject to the authority, direction, and control*  
25 *of the Secretary of Defense, the Under Secretary shall be*



1 *responsible and have the overall direction and supervision*  
2 *for—*

3           “(A) *the development, implementation, and inte-*  
4 *gration across the Department of Defense of the Na-*  
5 *tional Defense Strategy and strategic policy guidance*  
6 *for the activities of the Department of Defense across*  
7 *all geographic regions and military functions and do-*  
8 *mains; and*

9           “(B) *the integration of the activities of the De-*  
10 *partment of Defense into the National Security Strat-*  
11 *egy of the United States.”; and*

12           (3) *in paragraph (4), as redesignated by para-*  
13 *graph (1) of this subsection, by inserting “policy*  
14 *making” before “activities”.*

15       (b) *UNDER SECRETARY OF DEFENSE FOR INTEL-*  
16 *LIGENCE.—Section 137(b) of title 10, United States Code,*  
17 *as amended by section 1621, is further amended—*

18           (1) *in paragraph (3), by striking “; and” and*  
19 *inserting a semicolon;*

20           (2) *by redesignating paragraph (4) as para-*  
21 *graph (5); and*

22           (3) *by inserting after paragraph (3) the fol-*  
23 *lowing new paragraph (4):*

24           “(4) *have responsibility for supervising and di-*  
25 *recting, and overseeing Department of Defense activi-*

1 *ties, other than policy making activities, with respect*  
2 *to technology protection relating to export controls;*  
3 *and”.*

4 **SEC. 905. DESIGNATION OF NAVY COMMANDERS.**

5 *Section 5013 of title 10, United States Code, is amend-*  
6 *ed by adding at the end the following new subsections:*

7 *“(h) The Secretary of the Navy shall designate a single*  
8 *commander within the Department of the Navy who shall*  
9 *serve as the official with principal responsibility in such*  
10 *Department for ensuring that forces of the Navy are avail-*  
11 *able for tasking and deployment, including forces that may*  
12 *be operating from a forward deployed location.*

13 *“(i) The Secretary of the Navy shall designate a single*  
14 *commander within the Department of the Navy who shall*  
15 *serve as the official with principal responsibility in such*  
16 *Department for the oversight and management of the ship-*  
17 *yards of the Navy, including shipyards outside the United*  
18 *States.”.*

19 ***Subtitle B—Comprehensive Pen-***  
20 ***tagon Bureaucracy Reform and***  
21 ***Reduction***

22 **SEC. 911. AUTHORITIES AND RESPONSIBILITIES OF THE**  
23 **CHIEF MANAGEMENT OFFICER OF THE DE-**  
24 **PARTMENT OF DEFENSE.**

25 *(a) AUTHORITIES AND RESPONSIBILITIES.—*

1           (1) *IN GENERAL.*—Section 132a(b) of title 10,  
2           *United States Code, is amended—*

3                   (A) *by amending paragraph (3) to read as*  
4                   *follows:*

5                   “*(3) Exercising authority, direction, and control*  
6                   *over the Defense Agencies and Department of Defense*  
7                   *Field Activities with respect to the covered activi-*  
8                   *ties.*”; and

9                   (B) *by adding at the end the following:*

10                   “*(7) Serving as the official with principal re-*  
11                   *sponsibility in the Department for minimizing the*  
12                   *duplication of efforts and maximizing efficiency and*  
13                   *effectiveness among all organizations and elements of*  
14                   *the Department (other than the military departments)*  
15                   *with respect to the covered activities.*”.

16           (2) *BUDGET AUTHORITY.*—Section 132a of title  
17           10, *United States Code (as amended by paragraph*  
18           *(1)) is further amended—*

19                   (A) *by redesignating subsections (c) and (d)*  
20                   *as subsections (d) and (e) respectively; and*

21                   (B) *by inserting after subsection (b) the fol-*  
22                   *lowing:*

23                   “*(c) BUDGET AUTHORITY.—*

24                   “*(1)(A) The Secretary of Defense, acting through*  
25                   *the Under Secretary of Defense (Comptroller), shall*

1       *require the head of each Defense Agency and Depart-*  
2       *ment of Defense Field Activity to transmit the pro-*  
3       *posed budget for the covered activities of such Agency*  
4       *or Activity for a fiscal year and for the period cov-*  
5       *ered by the future-years defense program submitted to*  
6       *Congress under section 221 of this title for that fiscal*  
7       *year to the Chief Management Officer for review*  
8       *under subparagraph (B) before submitting the pro-*  
9       *posed budget to the Under Secretary of Defense*  
10       *(Comptroller).*

11               *“(B) The Chief Management Officer shall review*  
12       *each proposed budget transmitted under subpara-*  
13       *graph (A) and, not later than January 31 of the year*  
14       *preceding the fiscal year for which the budget is pro-*  
15       *posed, shall submit to the Secretary of Defense a re-*  
16       *port containing the comments of the Chief Manage-*  
17       *ment Officer with respect to all such proposed budg-*  
18       *ets, together with the certification of the Chief Man-*  
19       *agement Officer regarding whether each proposed*  
20       *budget achieves an adequate level of efficiency and ef-*  
21       *fectiveness with respect to the covered activities.*

22               *“(C) Not later than March 31 of each year, the*  
23       *Secretary of Defense shall submit to Congress a report*  
24       *that includes the following:*

1           “(i) Each proposed budget for the covered  
2 activities of a Defense Agency or a Department  
3 of Defense Field Activity that was transmitted to  
4 the Chief Management Officer under subpara-  
5 graph (A).

6           “(ii) Identification of each proposed budget  
7 contained in the most-recent report submitted  
8 under subparagraph (B) that the Chief Manage-  
9 ment Officer did not certify as achieving an ade-  
10 quate level of efficiency and effectiveness with re-  
11 spect to the covered activities.

12           “(iii) A discussion of the actions that the  
13 Secretary proposes to take, together with any rec-  
14 ommended legislation that the Secretary con-  
15 siders appropriate, to address the inadequate lev-  
16 els of efficiency and effectiveness achieved by the  
17 proposed budgets identified in the report.

18           “(iv) Any additional comments that the  
19 Secretary considers appropriate regarding the  
20 inadequate levels of efficiency and effectiveness  
21 achieved by the proposed budgets.

22           “(2) None of the funds authorized to be appro-  
23 priated or otherwise made available for any fiscal  
24 year for the covered activities of a Defense Agency or

1        *a Department of Defense Field Activity may be obli-*  
2        *gated or expended unless—*

3                *“(A) the head of the Agency or Activity sub-*  
4                *mits to the Chief Management Officer a plan for*  
5                *the obligation and expenditure of such funds;*  
6                *and*

7                *“(B) the Chief Management Officer ap-*  
8                *proves the plan.*

9                *“(3) Nothing in this subsection shall be construed*  
10              *to modify or interfere with the budget-related respon-*  
11              *sibilities of the Director of National Intelligence.”.*

12              *(3) COVERED ACTIVITIES DEFINED.—Section*  
13              *132a of title 10, United States Code (as amended by*  
14              *paragraphs (1) and (2)) is further amended by add-*  
15              *ing at the end the following:*

16              *“(f) COVERED ACTIVITIES DEFINED.—In this section,*  
17              *the term ‘covered activities’ means any activity relating to*  
18              *civilian resources management, logistics management, serv-*  
19              *ices contracting, or real estate management.”.*

20              *(b) STREAMLINING OF CERTAIN FUNCTIONS ACROSS*  
21              *THE DEPARTMENT OF DEFENSE.—*

22              *(1) STREAMLINING OF FUNCTIONS.—*

23              *(A) IN GENERAL.—Except as provided in*  
24              *subparagraph (B), not later than January 1,*  
25              *2021, and not less frequently than once every five*

1           *years thereafter, the Secretary of Defense, acting*  
2           *through the Chief Management Officer of the De-*  
3           *partment Defense, shall reduce or eliminate du-*  
4           *plicative functions across all organizations and*  
5           *elements of the Department of Defense with re-*  
6           *spect to the covered activities.*

7           *(B) EXCEPTION.—The military services*  
8           *shall not be included in any reductions or elimi-*  
9           *nations carried out under subparagraph (A) on*  
10          *or before January 1, 2021.*

11          *(2) CERTIFICATION AND REVIEW OF COST SAV-*  
12          *INGS.—*

13           *(A) CERTIFICATION.—Not later January 1,*  
14           *2021, the Chief Management Officer shall certify*  
15           *to the congressional defense committees that the*  
16           *reductions and eliminations carried out under*  
17           *paragraph (1) accomplished savings with respect*  
18           *to the total amount obligated and expended for*  
19           *the covered activities in fiscal year 2020 that*  
20           *were not less than 25 percent of the baseline*  
21           *amount.*

22           *(B) GAO REVIEW.—Not later than 30 days*  
23           *after the submission of the certification under*  
24           *subparagraph (A), the Comptroller General of*  
25           *the United States shall submit to the congres-*

1           sional defense committees a report that verifies  
2           whether the savings reported by the Chief Man-  
3           agement Officer under such subparagraph are  
4           accurate.

5           (C) *BASELINE AMOUNT.*—For the purposes  
6           of this paragraph, the baseline amount is the  
7           total amount obligated and expended by organi-  
8           zations and elements of the Department of De-  
9           fense other than the military services for fiscal  
10          year 2018 for the covered activities—

11           (i) increased by a credit for the  
12           amount of any reductions in the costs of  
13           such activities that are documented, as of  
14           the date that is 90 days after the date of the  
15           enactment of this Act, as having been ac-  
16           complished in accordance with section 346  
17           of the National Defense Authorization Act  
18           for Fiscal Year 2016 (Public Law 114–  
19           92; 10 U.S.C. 111 note); and

20           (ii) decreased by the amount of any re-  
21           ductions in costs for such activities that are  
22           documented, as of the date that is 90 days  
23           after the date of the enactment of this Act,  
24           as having been accomplished in accordance  
25           with other sections of this subtitle.



1           (D) *TREATMENT OF CERTAIN COST SAV-*  
2 *INGS.—For the purposes of calculating the per-*  
3 *centage cost savings accomplished by the Chief*  
4 *Management Officer under subparagraph (A),*  
5 *any reduction in costs documented, as of the date*  
6 *that is 90 days after the date of the enactment*  
7 *of this Act, as having been accomplished in ac-*  
8 *cordance with section 346 of the National De-*  
9 *fense Authorization Act for Fiscal Year 2016*  
10 *(Public Law 114–92;.10 U.S.C. 111 note) shall*  
11 *be treated as a reduction accomplished by the*  
12 *Chief Management Officer under paragraph (1).*

13           (3) *PLAN AND REVIEW.—*

14           (A) *PLAN REQUIRED.—Not later than*  
15 *March 1, 2020, the Chief Management Officer*  
16 *shall submit to the congressional defense commit-*  
17 *tees a plan for complying with paragraphs (1)*  
18 *and (2).*

19           (B) *GAO REVIEW.—Not later than 30 days*  
20 *after the submission of the plan under subpara-*  
21 *graph (A), the Comptroller General of the United*  
22 *States shall submit to the congressional defense*  
23 *committees a report that verifies—*

24                   (i) *whether the plan submitted under*  
25 *subparagraph (A) is feasible; and*

1                   (ii) whether any cost savings expected  
2                   to result from the plan are accurate.

3           (4) *SUBSEQUENT REPORTS AND REVIEWS.*—

4                   (A) *CMO REPORTS.*—Not later than Janu-  
5                   ary 1 of every fifth calendar year beginning with  
6                   January 1, 2026, the Chief Management Officer  
7                   shall submit to the congressional defense commit-  
8                   tees a report that describes the activities carried  
9                   out by the Chief Management Officer under  
10                  paragraph (1) during the preceding five years,  
11                  including an estimate of any cost savings  
12                  achieved as a result of such activities.

13                  (B) *GAO REVIEW.*—Not later than 30 days  
14                  after the submission of each report under sub-  
15                  paragraph (A), the Comptroller General of the  
16                  United States shall submit to the congressional  
17                  defense committees a report that verifies—

18                               (i) whether the activities described in  
19                               the report under subparagraph (A) were  
20                               carried out; and

21                               (ii) whether any cost savings estimated  
22                               in the report are accurate.

23           (5) *COVERED ACTIVITIES DEFINED.*—In this sub-  
24           section, the term “covered activities” has the meaning



1 *graph (B) before submitting the proposed budget to the*  
2 *Under Secretary of Defense (Comptroller).*

3       “(B) *The Inspector General of the Department of De-*  
4 *fense shall review each proposed budget transmitted under*  
5 *subparagraph (A) and, not later than January 31 of the*  
6 *year preceding the fiscal year for which the budget is pro-*  
7 *posed, shall submit to the Secretary of Defense a report con-*  
8 *taining the comments of the Inspector General with respect*  
9 *to all such proposed budgets, together with the certification*  
10 *of the Inspector General regarding whether each proposed*  
11 *budget achieves an adequate level of efficiency and effective-*  
12 *ness with respect to the covered activities.*

13       “(C) *Not later than March 31 of each year, the Sec-*  
14 *retary of Defense shall submit to Congress a report that in-*  
15 *cludes the following:*

16               “(i) *Each proposed budget for the covered activi-*  
17 *ties of an Inspector General of an organization or ele-*  
18 *ment of the Department of Defense that was trans-*  
19 *mitted to the Inspector General of the Department*  
20 *under subparagraph (A).*

21               “(ii) *Identification of each proposed budget con-*  
22 *tained in the most-recent report submitted under sub-*  
23 *paragraph (B) that the Inspector General of the De-*  
24 *partment did not certify as achieving an adequate*

1 *level of efficiency and effectiveness with respect to the*  
2 *covered activities.*

3 *“(iii) A discussion of the actions that the Sec-*  
4 *retary proposes to take, together with any rec-*  
5 *ommended legislation that the Secretary considers ap-*  
6 *propriate, to address the inadequate levels of effi-*  
7 *ciency and effectiveness achieved by the proposed*  
8 *budgets identified in the report.*

9 *“(iv) Any additional comments that the Sec-*  
10 *retary considers appropriate regarding the inadequate*  
11 *levels of efficiency and effectiveness achieved by the*  
12 *proposed budgets.*

13 *“(2) None of the funds authorized to be appropriated*  
14 *or otherwise made available for any fiscal year for the cov-*  
15 *ered activities of an Inspector General of an organization*  
16 *or element of the Department of Defense may be obligated*  
17 *or expended unless—*

18 *“(A) the Inspector General of the organization or*  
19 *element submits to the Inspector General of the De-*  
20 *partment of Defense a plan for the obligation and ex-*  
21 *penditure of such funds; and*

22 *“(B) the Inspector General of the Department of*  
23 *Defense approves the plan.*

24 *“(e) In this section, the term ‘covered activities’ means*  
25 *any activity relating to public affairs, human resources,*

1 *contracting, services contracting, or any other cross-enter-*  
2 *prise activities of the Inspectors General of the organiza-*  
3 *tions and elements of the Department of Defense, as deter-*  
4 *mined by the Inspector General of the Department.”.*

5 (b) *STREAMLINING OF FUNCTIONS.—Not later than*  
6 *January 1, 2021, the Secretary of Defense, acting through*  
7 *the Inspector General of the Department Defense, shall re-*  
8 *duce or eliminate duplicative functions among the Inspec-*  
9 *tors General across all organizations and elements of the*  
10 *Department with respect to the covered activities.*

11 (c) *PLAN REQUIRED.—Not later than March 1, 2020,*  
12 *the Inspector General of the Department of Defense shall*  
13 *submit to the congressional defense committees a plan for*  
14 *complying with subsection (b).*

15 (d) *COVERED ACTIVITIES DEFINED.—In this section,*  
16 *the term “covered activities” has the meaning given that*  
17 *term in section 141(e) of title 10, United States Code, as*  
18 *added by subsection (a) of this section.*

19 **SEC. 913. TRANSITION OF CERTAIN DEFENSE AGENCIES**  
20 **AND DEPARTMENT OF DEFENSE FIELD AC-**  
21 **TIVITIES.**

22 (a) *DEFENSE INFORMATION SYSTEMS AGENCY.—*

23 (1) *TRANSFER OF FUNCTIONS.—Not later than*  
24 *January 1, 2021, the Secretary of Defense, acting*

1 *through the Chief Management Officer of the Depart-*  
2 *ment of Defense, shall—*

3 *(A) transfer all information technology con-*  
4 *tracting and acquisition services of the Defense*  
5 *Information Systems Agency to other elements of*  
6 *the Department of Defense, which may include*  
7 *the transfer of such services to the military de-*  
8 *partments; and*

9 *(B) transfer all senior leader communica-*  
10 *tions functions of the Agency to other elements of*  
11 *the Department of Defense.*

12 *(2) TRANSITION PLAN.—Not later than March 1,*  
13 *2020, the Chief Management Officer shall submit to*  
14 *the congressional defense committees a plan for the*  
15 *transfers required under paragraph (1).*

16 *(b) ELIMINATION OF WASHINGTON HEADQUARTERS*  
17 *SERVICES.—*

18 *(1) ELIMINATION REQUIRED.—Not later than*  
19 *January 1, 2021, the Secretary of Defense, acting*  
20 *through the Chief Management Officer of the Depart-*  
21 *ment of Defense, shall eliminate the Washington*  
22 *Headquarters Services.*

23 *(2) TRANSFER OR ELIMINATION.—*

24 *(A) TRANSFER.—The Chief Management*  
25 *Officer shall transfer to other elements of the Of-*

1           *office of the Secretary of Defense only such func-*  
2           *tions of the Washington Headquarters Services*  
3           *as are necessary to carry out an essential func-*  
4           *tion not otherwise carried out by such Office, as*  
5           *determined by the Chief Management Officer.*

6                   *(B) ELIMINATION.—Any functions of the*  
7           *Washington Headquarters Services that are not*  
8           *transferred to another element of the Office of the*  
9           *Secretary of Defense under subparagraph (A)*  
10          *shall be eliminated.*

11                   *(3) TRANSFER OR DISPOSITION OF ASSETS.—The*  
12          *Chief Management Officer shall dispose of, or transfer*  
13          *to other elements of the Office of the Secretary of De-*  
14          *fense, any assets of the Washington Headquarters*  
15          *Services.*

16                   *(4) TRANSITION PLAN.—Not later than March 1,*  
17          *2020, the Chief Management Officer shall submit to*  
18          *the congressional defense committees a plan for the*  
19          *eliminations and transfers required under this sub-*  
20          *section.*

21                   *(c) REVIEW OF DEFENSE AGENCIES AND DEPARTMENT*  
22          *OF DEFENSE FIELD ACTIVITIES.—*

23                   *(1) REVIEW REQUIRED.—The Chief Management*  
24          *Officer of the Department of Defense shall review the*  
25          *efficiency and effectiveness of each Defense Agency*



1 *and Department of Defense Field Activity. As part of*  
2 *the review, the Chief Management Officer shall iden-*  
3 *tify each function of an Agency or Activity that is*  
4 *substantially similar to, or duplicative of, a function*  
5 *carried out by another organization or element of the*  
6 *Department of Defense.*

7 (2) *REPORT.—Not later than March 1, 2020, the*  
8 *Chief Management Officer shall submit to the congres-*  
9 *sional defense committees a report that includes the*  
10 *results of the review conducted under paragraph (1).*

11 (3) *CMO VERIFICATION AND TRANSITION*  
12 *PLAN.—Together with the submission of the report*  
13 *under paragraph (2) and based on the results of the*  
14 *review conducted under paragraph (1), the Chief*  
15 *Management Officer shall submit to the congressional*  
16 *defense committees—*

17 (A) *a list identifying each Defense Agency*  
18 *and Department of Defense Field Activity that*  
19 *the Chief Management Officer has determined—*

20 (i) *operates efficiently and effectively;*

21 *and*

22 (ii) *does not carry out any function*  
23 *that is substantially similar to, or duplica-*  
24 *tive of, a function carried out by another*

1                   organization or element of the Department  
2                   of Defense; and

3                   (B) with respect to each Agency or Activity  
4                   not included on the list under subparagraph (A),  
5                   a plan for—

6                   (i) eliminating the Agency or Activity;

7                   or

8                   (ii) transferring some or all of the  
9                   functions of the Agency or Activity to an-  
10                  other organization or element of the Depart-  
11                  ment of Defense.

12           (d) *CLARIFICATION OF AUTHORITIES OF THE SEC-*  
13 *RETARY OF DEFENSE.—*

14                   (1) *IN GENERAL.—*Except as provided in para-  
15                   graph (2), the Secretary of Defense shall have the au-  
16                   thority to establish or terminate any Defense Agency  
17                   or Department of Defense Field Activity.

18                   (2) *EXCEPTIONS.—*The authority of the Sec-  
19                   retary of Defense to establish or terminate a Defense  
20                   Agency or Department of Defense Field Activity  
21                   under paragraph (1) does not apply to an Agency or  
22                   Activity that is specifically established or terminated  
23                   by an Act of Congress.

24                   (3) *REFERENCES.—*Any reference in Federal  
25                   law, regulations, guidance, instructions, or other doc-

1 *uments of the Federal Government to a Defense Agen-*  
2 *cy or Department of Defense Field Activity termi-*  
3 *nated by the Secretary of Defense under paragraph*  
4 *(1), or to the head of such an Agency or Activity,*  
5 *shall be deemed to be a reference to the Secretary of*  
6 *Defense.*

7 (4) *NOTICE REQUIREMENT.—The Secretary of*  
8 *Defense may not terminate a Defense Agency or De-*  
9 *partment of Defense Field Activity until a period of*  
10 *90 days has elapsed following the date on which the*  
11 *Secretary submits to the congressional defense com-*  
12 *mittees—*

13 (A) *notice of the intent of the Secretary to*  
14 *terminate the Agency or Activity; and*

15 (B) *recommendations for legislative actions*  
16 *that may be required as a result of such termi-*  
17 *nation.*

18 **SEC. 914. ACTIONS TO INCREASE THE EFFICIENCY AND**  
19 **TRANSPARENCY OF THE DEFENSE LOGISTICS**  
20 **AGENCY.**

21 (a) *SYSTEM AND CAPABILITY.—Not later than Janu-*  
22 *ary 1, 2021, the Director of the Defense Logistics Agency*  
23 *and the Chief Management Officer of the Department of De-*  
24 *fense shall jointly, in consultation with the customers served*  
25 *by the Agency, develop and implement—*

1           (1) *a comprehensive system that enables cus-*  
2 *tomers of the Agency to view—*

3                 (A) *the inventory of items and materials*  
4 *available to customers from the Agency; and*

5                 (B) *the delivery status of items and mate-*  
6 *rials that are in transit to customers; and*

7           (2) *a predictive analytics capability designed to*  
8 *increase the efficiency of the system described in para-*  
9 *graph (1) by identifying emerging customer needs*  
10 *with respect to items and materials supplied by the*  
11 *Agency, including any emerging needs arising from*  
12 *the use of new weapon systems by customers.*

13         (b) *ACTIONS TO INCREASE EFFICIENCY.—Not later*  
14 *than January 1, 2021, the Director of the Defense Logistics*  
15 *Agency and the Chief Management Officer shall jointly—*

16                 (1) *reduce the rates charged to customers, in ag-*  
17 *gregate, by not less than 10 percent;*

18                 (2) *eliminate the duplication of services within*  
19 *the Agency; and*

20                 (3) *establish specific goals and metrics to ensure*  
21 *that the Agency is fulfilling its mission of providing*  
22 *items and materials to customers with sufficient speed*  
23 *and in sufficient quantities to ensure the lethality*  
24 *and readiness of warfighters.*

1           (c) *PLAN REQUIRED.*—Not later than March 1, 2020,  
2 *the Director of the Defense Logistics Agency and the Chief*  
3 *Management Officer shall jointly submit to the congress-*  
4 *sional defense committees a plan that describes how the Di-*  
5 *rector and the Chief Management Officer will achieve com-*  
6 *pliance with the requirements of subsections (a) and (b).*

7 **SEC. 915. REVIEW OF FUNCTIONS OF DEFENSE CONTRACT**  
8                           **AUDIT AGENCY AND DEFENSE CONTRACT**  
9                           **MANAGEMENT AGENCY.**

10           (a) *REVIEW REQUIRED.*—The Secretary of Defense,  
11 *acting through the Chief Management Officer of the Depart-*  
12 *ment of Defense, shall direct the Under Secretary of Defense*  
13 *for Acquisition and Sustainment and the Under Secretary*  
14 *of Defense (Comptroller) to conduct a joint review of the*  
15 *functions of the Defense Contract Audit Agency and the De-*  
16 *fense Contract Management Agency. The review shall in-*  
17 *clude—*

18                   (1) *a validation of the missions and functions of*  
19                   *each Agency;*

20                   (2) *a determination of whether there are func-*  
21 *tions performed by either Agency that could more ap-*  
22 *propriately be performed by—*

23                           (A) *the other Agency;*

1                   (B) any other organization or element of the  
2                   Department of Defense, including the military  
3                   departments; or

4                   (C) commercial providers; and

5                   (3) a validation of the continued need for two  
6                   separate Agencies with oversight for defense con-  
7                   tracting.

8                   (b) *REPORT REQUIRED.*—Not later than March 1,  
9                   2020, the Secretary of Defense shall submit to the congres-  
10                  sional defense committees a report that includes the results  
11                  of the review conducted under subsection (a).

12                  **SEC. 916. STREAMLINING OF DEFENSE FINANCE AND AC-**  
13                  **COUNTING SERVICES.**

14                  (a) *IN GENERAL.*—Not later than January 1, 2021,  
15                  the Chief Management Officer and the Under Secretary of  
16                  Defense (Comptroller) shall jointly carry out activities to  
17                  streamline, reduce duplication, and make more effective the  
18                  operations of the Defense Finance and Accounting Services.

19                  (b) *PLAN REQUIRED.*—Not later than March 1, 2020,  
20                  the Chief Management Officer and the Under Secretary of  
21                  Defense (Comptroller) shall jointly submit to the congres-  
22                  sional defense committees a plan for carrying out the activi-  
23                  ties required under subsection (a).

1 **SEC. 917. REDUCTION IN NUMBER OF CHIEF INFORMATION**  
2 **OFFICERS IN THE SENIOR EXECUTIVE SERV-**  
3 **ICE.**

4 *With respect to the total number of Chief Information*  
5 *Officer positions within the Department of Defense, during*  
6 *calendar year 2021 and each year thereafter not more than*  
7 *five of such positions may be Senior Executive Service posi-*  
8 *tions (as that term is described in section 3132(a)(2) of title*  
9 *5, United States Code).*

10 **SEC. 918. GENERAL PROVISIONS.**

11 *(a) CONSOLIDATED REPORT.—The plans and reports*  
12 *required to be submitted to the congressional defense com-*  
13 *mittees under this subtitle on or before March 1, 2020, may*  
14 *be combined and submitted in the form of a single, consoli-*  
15 *dated document.*

16 *(b) DEFINITIONS.—In this subtitle:*

17 *(1) The term “Chief Management Officer” means*  
18 *the Chief Management Officer of the Department of*  
19 *Defense.*

20 *(2) The terms “Defense Agency”, “Department of*  
21 *Defense Field Activity”, and “military departments”*  
22 *have the meanings given the terms in section 101(a)*  
23 *of title 10, United States Code.*

24 *(c) CONFORMING AMENDMENT.—Section 143(b) of title*  
25 *10, United States Code, is amended by striking “and the*

1 *Washington Headquarters Services of the Department of*  
2 *Defense”.*

3 (d) *EFFECTIVE DATE.*—*The amendment made by sub-*  
4 *section (c) shall take effect on the earlier of—*

5 (1) *the date on which the Washington Head-*  
6 *quarters Services is eliminated under section 913; or*

7 (2) *January 1, 2021.*

## 8 ***Subtitle C—Other Matters***

### 9 ***SEC. 921. ARTIFICIAL INTELLIGENCE AND MACHINE LEARN-*** 10 ***ING POLICY AND OVERSIGHT COUNCIL.***

11 (a) *ESTABLISHMENT.*—*In order to fulfill the respon-*  
12 *sibilities specified in Section 133a of title 10, United States*  
13 *Code, the Under Secretary of Defense for Research and En-*  
14 *gineering shall establish and lead a team to be known as*  
15 *the “Artificial Intelligence and Machine Learning Policy*  
16 *and Oversight Council” (in this section referred to as the*  
17 *“Council”).*

18 (b) *PURPOSE.*—*The purpose of the Council shall be*  
19 *to—*

20 (1) *integrate the functional activities of the orga-*  
21 *nizations and elements of the Department of Defense*  
22 *with respect to artificial intelligence and machine*  
23 *learning;*



1           (2) *ensure there are efficient and effective artificial*  
2 *intelligence and machine learning capabilities*  
3 *throughout Department; and*

4           (3) *develop and continuously improve research,*  
5 *innovation, policy, joint processes, and procedures to*  
6 *facilitate the development, acquisition, integration,*  
7 *advancement, and sustainment of artificial intel-*  
8 *ligence and machine learning throughout the Depart-*  
9 *ment.*

10       (c) *MEMBERSHIP.—The membership of the Council*  
11 *shall include the following:*

12           (1) *The Under Secretary of Defense for Research*  
13 *and Engineering, or the designee of the Under Sec-*  
14 *retary, who shall serve as the leader of the Council.*

15           (2) *The following officials of the Department of*  
16 *Defense, or their designees:*

17                   (A) *The Under Secretary of Defense for Ac-*  
18 *quisition and Sustainment.*

19                   (B) *The Chief Management Officer of the*  
20 *Department of Defense.*

21                   (C) *The Under Secretary of Defense (Comp-*  
22 *troller).*

23                   (D) *The Under Secretary of Defense for Per-*  
24 *sonnel and Readiness.*



1           (2) *The Secretary of the Navy has notified Con-*  
2           *gress of the intent of the Secretary to transfer the Di-*  
3           *vision to another location.*

4           (3) *The Secretary has not provided Congress*  
5           *with a detailed cost benefit analysis or any other in-*  
6           *formation that adequately justifies the proposed*  
7           *transfer of the Division.*

8           (b) *REPORT REQUIRED.*—*Not later than 90 days after*  
9           *the date of the enactment of this Act, the Secretary of the*  
10          *Navy shall submit to the congressional defense committees*  
11          *a report that includes—*

12                 (1) *a detailed timeline for the proposed transfer*  
13                 *of the Chemical, Biological, and Radiological Defense*  
14                 *Division of the Navy from Virginia to another loca-*  
15                 *tion;*

16                 (2) *a full accounting of the costs associated with*  
17                 *the proposed transfer, including—*

18                         (A) *all personnel costs;*

19                         (B) *all equipment costs; and*

20                         (C) *all facility renovation costs for the ex-*  
21                         *isting facilities of the Division and the facilities*  
22                         *to which the Division is proposed to be trans-*  
23                         *ferred;*

24                         (3) *a risk assessment of the operational impact*  
25                         *of the transfer during the transition period; and*

1           (4) *an explanation of the operational benefit ex-*  
2           *pected to be achieved by collocating all Chemical, Bio-*  
3           *logical, and Radiological elements of the Department*  
4           *of the Navy.*

5           (c) *LIMITATION.—The Secretary of the Navy may not*  
6           *transfer, or prepare to transfer, the Chemical, Biological,*  
7           *and Radiological Defense Division of the Navy from Dahl-*  
8           *gren, Virginia to another location until a period of 45 days*  
9           *has elapsed following the date on which the report is sub-*  
10          *mitted to the congressional defense committees under sub-*  
11          *section (b).*

## 12       **TITLE X—GENERAL PROVISIONS**

### 13           **Subtitle A—Financial Matters**

#### 14       **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

15           (a) *AUTHORITY TO TRANSFER AUTHORIZATIONS.—*

16           (1) *AUTHORITY.—Upon determination by the*  
17           *Secretary of Defense that such action is necessary in*  
18           *the national interest, the Secretary may transfer*  
19           *amounts of authorizations made available to the De-*  
20           *partment of Defense in this division for fiscal year*  
21           *2019 between any such authorizations for that fiscal*  
22           *year (or any subdivisions thereof). Amounts of au-*  
23           *thorizations so transferred shall be merged with and*  
24           *be available for the same purposes as the authoriza-*  
25           *tion to which transferred.*

1           (2) *LIMITATION.*—*Except as provided in para-*  
2 *graph (3), the total amount of authorizations that the*  
3 *Secretary may transfer under the authority of this*  
4 *section may not exceed \$5,000,000,000.*

5           (3) *EXCEPTION FOR TRANSFERS BETWEEN MILI-*  
6 *TARY PERSONNEL AUTHORIZATIONS.*—*A transfer of*  
7 *funds between military personnel authorizations*  
8 *under title IV shall not be counted toward the dollar*  
9 *limitation in paragraph (2).*

10          (b) *LIMITATIONS.*—*The authority provided by sub-*  
11 *section (a) to transfer authorizations—*

12           (1) *may only be used to provide authority for*  
13 *items that have a higher priority than the items from*  
14 *which authority is transferred; and*

15           (2) *may not be used to provide authority for an*  
16 *item that has been denied authorization by Congress.*

17          (c) *EFFECT ON AUTHORIZATION AMOUNTS.*—*A trans-*  
18 *fer made from one account to another under the authority*  
19 *of this section shall be deemed to increase the amount au-*  
20 *thorized for the account to which the amount is transferred*  
21 *by an amount equal to the amount transferred.*

22          (d) *NOTICE TO CONGRESS.*—*The Secretary shall*  
23 *promptly notify Congress of each transfer made under sub-*  
24 *section (a).*

1 **SEC. 1002. EXPERTISE IN AUDIT REMEDIATION.**

2 (a) *FINDINGS.*—Congress finds the following:

3 (1) *The ongoing efforts to produce auditable fi-*  
4 *nancial statements for the Department of Defense, its*  
5 *agencies, and the military services enhance readiness*  
6 *and accountability by ensuring effective stewardship*  
7 *of taxpayer resources.*

8 (2) *The transition from audit readiness to audit*  
9 *performance and remediation are critical phases, de-*  
10 *manding expertise from accounting firms and finan-*  
11 *cial management professionals to ensure that the De-*  
12 *partment successfully addresses issues identified in an*  
13 *audit.*

14 (3) *Support from the private sector enhances the*  
15 *ability of the Department to conduct audit and reme-*  
16 *diation activities, and will enable the Department to*  
17 *achieve its strategic objective of improving business*  
18 *practices with efficiency and accountability.*

19 (b) *ADDITIONAL REQUIREMENTS FOR SEMIANNUAL*  
20 *BRIEFING ON THE FINANCIAL IMPROVEMENT AND AUDIT*  
21 *REMEDATION PLAN.*—Section 252(b)(2) of title 10, United  
22 States Code, is amended by adding at the end the following  
23 new sentence: “Such briefing shall include the amount of  
24 auditing and audit remediation services being performed  
25 by professionals meeting the qualifications described in sec-  
26 tion 254(b) of this title, both as an absolute number and

1 *as a percentage of auditing and audit remediation services*  
2 *then under contract.”.*

3 (c) *ADDITIONAL REPORTING REQUIREMENTS.—Sec-*  
4 *tion 252(b)(1) of such title is amended—*

5 (1) *in subparagraph (B), by adding at the end*  
6 *the following new clauses:*

7 “(vii) *If less than 50 percent of the au-*  
8 *ditting and audit remediation services under*  
9 *contract, as described in the briefing re-*  
10 *quired under paragraph (2), are being per-*  
11 *formed by professionals meeting the quali-*  
12 *fications described in section 254(b) of this*  
13 *title, a detailed description of the risks asso-*  
14 *ciated with the risks of the acquisition*  
15 *strategy of the Department with respect to*  
16 *conducting audits and audit remediation*  
17 *activities and an explanation of how the*  
18 *strategy complies with the policies expressed*  
19 *by Congress.*

20 “(viii) *If less than 25 percent of the*  
21 *auditing and audit remediation services*  
22 *under contract, as described in the briefing*  
23 *required under paragraph (2), are being*  
24 *performed by professionals meeting the*  
25 *qualifications described in section 254(b) of*

1           *this title, a written certification that the*  
2           *staffing ratio complies with commercial best*  
3           *practices and presents no increased risk of*  
4           *delay in the Department’s ability to achieve*  
5           *a clean audit opinion”;* and

6           (2) *by adding at the end the following new sub-*  
7           *paragraph:*

8           “(C) *ADDITIONAL REQUIREMENTS.—*

9           “(i) *UNCLASSIFIED FORM.—A descrip-*  
10          *tion submitted pursuant to clause (vii) of*  
11          *subparagraph (B) or a certification sub-*  
12          *mitted pursuant to clause (viii) of such sub-*  
13          *paragraph shall be submitted in unclassi-*  
14          *fied form, but may contain a classified*  
15          *annex.*

16          “(ii) *DELEGATION.—The Secretary*  
17          *may not delegate the submission of a certifi-*  
18          *cation pursuant to clause (viii) of subpara-*  
19          *graph (B) to any official other than the*  
20          *Deputy Secretary of Defense, the Chief*  
21          *Management Officer, or the Under Sec-*  
22          *retary of Defense (Comptroller).”.*



1 **SEC. 1003. AUTHORITY TO TRANSFER FUNDS TO DIRECTOR**  
2 **OF NATIONAL INTELLIGENCE FOR CAPNET.**

3 *During fiscal year 2019, the Secretary of Defense may*  
4 *transfer to the Director of National Intelligence, under the*  
5 *authority in section 1001 of this Act, an amount that does*  
6 *not exceed \$2,000,000 to provide support for the operation*  
7 *of the classified network known as CAPNET.*

8 **SEC. 1004. INDEPENDENT PUBLIC ACCOUNTANT AUDIT OF**  
9 **FINANCIAL SYSTEMS OF THE DEPARTMENT**  
10 **OF DEFENSE.**

11 *The Secretary of Defense shall ensure that each major*  
12 *implementation of, or modification to, a financial system*  
13 *of the Department of Defense is reviewed by an independent*  
14 *public accountant to validate that such financial system*  
15 *will meet any applicable Federal requirements.*

16 **Subtitle B—Counterdrug Activities**

17 **SEC. 1011. DEPARTMENT OF DEFENSE SUPPORT FOR COM-**  
18 **BATING OPIOID TRAFFICKING AND ABUSE.**

19 *(a) FINDINGS; SENSE OF CONGRESS.—*

20 *(1) FINDINGS.—Congress makes the following*  
21 *findings:*

22 *(A) Over the past 15 years, opioid use in*  
23 *the United States has grown exponentially.*

24 *(B) According to the Office of National*  
25 *Drug Control Policy, the number of deaths re-*

1           *lated to opioids in the United States in 2016*  
2           *was 42,269.*

3           *(C) Addiction and misuse of prescription*  
4           *opioids continues to rise. According to the Office*  
5           *of National Drug Control Policy, in 2016,*  
6           *11,500,000 people misused prescription opioids.*

7           *(D) The predominant amount of precursors*  
8           *for fentanyl production are illicitly trafficked*  
9           *from China.*

10           *(E) The Office of National Drug Control*  
11           *Policy is the lead agency for coordinating the*  
12           *Federal response to address the opioid epidemic*  
13           *in the United States.*

14           *(F) The Department of Homeland Security*  
15           *is the lead Federal agency in securing United*  
16           *States borders from illicit trafficking.*

17           *(G) The Department of Defense plays a*  
18           *vital supporting role in addressing the opioid*  
19           *epidemic through intelligence analysis, edu-*  
20           *cation, and assistance to other departments and*  
21           *agencies in dealing with this challenge.*

22           *(2) SENSE OF CONGRESS.—It is the sense of*  
23           *Congress that—*

1           (A) the Department of Defense should pro-  
2           vide support for interagency efforts to combat the  
3           national opioid epidemic; and

4           (B) the role of the Department of Defense is  
5           critical to identifying transnational criminal or-  
6           ganizations that allow illicit opioids to enter the  
7           United States.

8           (b) *DEPARTMENT OF DEFENSE SUPPORT FOR COM-*  
9           *BATING OPIOID TRAFFICKING AND ABUSE.*—Of the funds  
10          authorized to be appropriated by this Act or otherwise made  
11          available to the Department of Defense for National Guard  
12          counterdrug programs for fiscal year 2019, \$20,000,000  
13          shall be made available to provide support for United States  
14          interagency efforts to combat opioid trafficking and abuse  
15          in the United States, as specified in the funding table in  
16          Division D.

17           ***Subtitle C—Naval Vessels and***  
18           ***Shipyards***

19          ***SEC. 1021. INCLUSION OF OPERATION AND SUSTAINMENT***  
20                   ***COSTS IN ANNUAL NAVAL VESSEL CONSTRUC-***  
21                   ***TION PLANS.***

22          Section 231(b)(2) of title 10, United States Code, is  
23          amended by adding at the end the following new subpara-  
24          graph:

1           “(F) *The estimated operations and sustainment*  
2           *costs required to support the vessels delivered under*  
3           *the naval vessel construction plan.*”.

4   **SEC. 1022. PURCHASE OF VESSELS USING FUNDS IN NA-**  
5                           **TIONAL DEFENSE SEALIFT FUND.**

6           (a) *IN GENERAL.*—Section 2218(f)(3) of title 10,  
7   *United States Code, is amended—*

8                   (1) *in subparagraph (C)—*

9                           (A) *by striking “two” and inserting “ten”;*

10                           *and*

11                           (B) *by striking “ships” and inserting “ves-*  
12                           *sels”;*

13                   (2) *by redesignating subparagraph (E) as sub-*  
14                   *paragraph (F); and*

15                   (3) *by inserting after subparagraph (D) the fol-*  
16                   *lowing new subparagraph (E):*

17           “(E) *The Secretary may not use the authority under*  
18   *this paragraph to procure more than two foreign con-*  
19   *structed vessels unless the Secretary submits to Congress,*  
20   *by not later than the second week of February of the fiscal*  
21   *year during which the Secretary plans to use such author-*  
22   *ity, a certification that—*

23                   “(i) *the Secretary has initiated an acquisition*  
24                   *strategy for the construction in United States ship-*  
25                   *yards of not less than ten new sealift vessels pur-*

1       *chased with funds in the National Defense Sealift*  
2       *Fund; and*

3               “(i) of such new sealift vessels, the lead ship is  
4       *anticipated to be delivered by not later than 2026.”.*

5       **(b) LIMITATION ON USE OF FUNDS.**—*Of the amounts*  
6       *authorized to be appropriated or otherwise made available*  
7       *by this Act for fiscal year 2019 for the Military Sealift*  
8       *Command, the Secretary of the Navy may not obligate or*  
9       *expend more than 75 percent until the Secretary submits*  
10       *to the congressional defense committees certification that the*  
11       *Navy has—*

12               (1) *entered into a contract for the procurement*  
13       *of two used National Defense Reserve Fleet vessels in*  
14       *accordance with section 2218(f)(3)(C) of title 10,*  
15       *United States Code; and*

16               (2) *completed the capability development docu-*  
17       *ment for the common hull multi-mission platform.*

18       **SEC. 1023. PURCHASE OF VESSELS BUILT IN FOREIGN SHIP-**  
19                       **YARDS WITH FUNDS IN NATIONAL DEFENSE**  
20                       **SEALIFT FUND.**

21       *Section 2218(f)(3) of title 10, United States Code, as*  
22       *amended by section 1022, is further amended—*

23               (1) *in subparagraph (F), as redesignated by such*  
24       *section 1022—*

1           (A) by striking “30 days after” and insert-  
2           ing “30 days before”;

3           (B) in clause (i), by inserting “proposed”  
4           before “date”;

5           (C) in clause (ii), by striking “was” and  
6           inserting “would be”; and

7           (D) by adding at the end the following new  
8           clause:

9           “(viii) A detailed account of the criteria used to  
10          make the determination under subparagraph (B).”;  
11          and

12          (2) by inserting after subparagraph (F), as so  
13          redesignated, the following new subparagraph:

14          “(G) The Secretary may not finalize or execute the  
15          final purchase of any vessel using the authority under this  
16          paragraph until 30 days after the date on which a report  
17          under subparagraph (E) is submitted with respect to such  
18          purchase.”.

19   **SEC. 1024. TECHNICAL CORRECTIONS AND CLARIFICATIONS**  
20                           **TO CHAPTER 633 OF TITLE 10, UNITED STATES**  
21                           **CODE, AND OTHER PROVISIONS OF LAW RE-**  
22                           **GARDING NAVAL VESSELS.**

23          (a) *MODEL BASIN; INVESTIGATION OF HULL DE-*  
24    *SIGNS.*—Section 7303 of title 10, United States Code, is

1 *amended by striking “(a) An office” and all that follows*  
2 *through “(b) The Secretary” and inserting “The Secretary”.*

3 *(b) REPEAL OF CERTAIN PROVISIONS OF CHAPTER*  
4 *633 OF TITLE 10, UNITED STATES CODE.—*

5 *(1) IN GENERAL.—The following sections of*  
6 *chapter 633 of title 10, United States Code, are re-*  
7 *pealed:*

8 *(A) Section 7294.*

9 *(B) Section 7295.*

10 *(C) Section 7300.*

11 *(D) Section 7306.*

12 *(E) Section 7306b.*

13 *(2) CLERICAL AMENDMENTS.—The table of sec-*  
14 *tions at the beginning of such chapter is amended by*  
15 *striking the items relating to sections 7294, 7295,*  
16 *7300, 7306, and 7306b.*

17 *(c) OTHER PROVISIONS OF LAW.—*

18 *(1) REPEAL OF METERING OF NAVY PIERS TO AC-*  
19 *CURATELY MEASURE ENERGY CONSUMPTION.—Section*  
20 *2828 of the National Defense Authorization Act for*  
21 *Fiscal Year 2012 (Public Law 112-81; 125 Stat.*  
22 *1694; 10 U.S.C. 7291 note) is repealed.*

23 *(2) MODIFICATION OF ADVANCE PROCUREMENT*  
24 *FUNDING.—Section 124 of the National Defense Au-*  
25 *thorization Act for Fiscal Year 2010 (Public Law*

1 111–84; 123 Stat. 2214; 10 U.S.C. 7291 note) is  
2 amended—

3 (A) by striking subsection (a); and

4 (B) by redesignating subsections (b) and (c)

5 as subsections (a) and (b), respectively.

6 (3) *REPEAL OF POLICY RELATING TO MAJOR*  
7 *COMBATANT VESSELS OF THE STRIKE FORCES OF THE*  
8 *UNITED STATES NAVY.*—Section 1012 of the *National*  
9 *Defense Authorization Act for Fiscal Year 2008 (Pub-*  
10 *lic Law 110–181; 122 Stat. 303; 10 U.S.C. 7291 note)*  
11 *is repealed.*

12 (4) *REPEAL OF ALTERNATIVE TECHNOLOGIES*  
13 *FOR FUTURE SURFACE COMBATANTS.*—Section 128 of  
14 *the John Warner National Defense Authorization Act*  
15 *for Fiscal Year 2007 (Public Law 109–364; 120 Stat.*  
16 *2109; 10 U.S.C. 7291 note) is repealed.*

17 (5) *REPEAL OF OBSOLETE PROVISION ON VESSEL*  
18 *SCRAPPING PILOT PROGRAM.*—Section 8124 of the *De-*  
19 *partment of Defense Appropriations Act, 1999 (Public*  
20 *Law 105–262; 112 Stat. 2333; 10 U.S.C. 7291 note)*  
21 *is repealed.*

22 (6) *REPEAL OF PROVISION ON CONSIDERATION*  
23 *OF VESSEL LOCATION FOR AWARD OF LAYBERTH CON-*  
24 *TRACTS FOR SEALIFT VESSELS.*—Section 375 of the  
25 *National Defense Authorization Act for Fiscal Year*



1       1993 (Public Law 102-484; 106 Stat. 2385; 10  
2       U.S.C. 7291 note) is repealed.

3               (7) REPEAL OF PROVISION ON REVITALIZATION  
4       OF UNITED STATES SHIPBUILDING INDUSTRY.—Section  
5       1031 of the National Defense Authorization Act  
6       for Fiscal Year 1993 (Public Law 102-484; 106 Stat.  
7       2489; 10 U.S.C. 7291 note) is repealed.

8               (8) REPEAL OF FAST SEALIFT PROGRAM.—

9               (A) PROCUREMENT OF SHIPS.—Section  
10       1021 of the National Defense Authorization Act  
11       for Fiscal Year 1993 (Public Law 102-484; 106  
12       Stat. 2485; 10 U.S.C. 7291 note) is repealed.

13              (B) ESTABLISHMENT OF PROGRAM.—Section  
14       1424 of the National Defense Authorization  
15       Act for Fiscal Year 1991 (Public Law 101-510;  
16       104 Stat. 1683; 10 U.S.C. 7291 note) is repealed.

17              (9) REPEAL OF REQUIREMENTS RELATING TO  
18       DEPOT-LEVEL MAINTENANCE OF SHIPS.—Section 1614  
19       of the National Defense Authorization Act for Fiscal  
20       Years 1990 and 1991 (Public Law 101-189; 103 Stat.  
21       1601; 10 U.S.C. 7291 note) is amended by striking  
22       subsections (a) and (b).

23              (10) REPEAL OF OBSOLETE REQUIREMENT FOR  
24       REPORTS ON EFFECTS OF NAVAL SHIPBUILDING  
25       PLANS ON MARITIME INDUSTRIES.—Section 1227 of

1 *the National Defense Authorization Act for Fiscal*  
2 *Year 1989 (Public Law 100-456; 102 Stat. 2055; 10*  
3 *U.S.C. 7291 note) is repealed.*

4 (11) *REPEAL OF SIX-HUNDRED-SHIP GOAL FOR*  
5 *NAVY; SENSE OF CONGRESS.—Section 791 of the De-*  
6 *partment of Defense Appropriations Act, 1982 (Public*  
7 *Law 97-114; 95 Stat. 1593; 10 U.S.C. 7291 note) is*  
8 *repealed.*

9 (12) *REPEAL OF PROHIBITION ON USE OF PUB-*  
10 *LIC AND PRIVATE SHIPYARDS FOR CONVERSION, OVER-*  
11 *HAUL, OR REPAIR WORK UNDER CERTAIN PRO-*  
12 *GRAMS.—Section 811 of the Department of Defense*  
13 *Appropriations Act, 1979 (Public Law 95-485; 92*  
14 *Stat. 1624; 10 U.S.C. 7291 note) is repealed.*

15 (13) *REPEAL OF OBSOLETE REQUIREMENT TO*  
16 *SUBMIT A FIVE-YEAR NAVAL SHIP NEW CONSTRUCTION*  
17 *AND CONVERSION PROGRAM.—Section 808 of the De-*  
18 *partment of Defense Authorization Act, 1976 (Public*  
19 *Law 94-106; 89 Stat. 539; 10 U.S.C. 7291 note) is*  
20 *repealed.*

21 **SEC. 1025. RETENTION OF NAVY HOSPITAL SHIP CAPA-**  
22 **BILITY.**

23 (a) *RETENTION OF SHIPS.—The Secretary of the Navy*  
24 *shall retain two T-AH 19 Mercy-class hospital ships at a*  
25 *readiness level that provides for the activation and deploy-*

1 *ment of each such ship within a period that does not exceed*  
 2 *5 days.*

3 *(b) WAIVER AUTHORITY.—The Secretary of the Navy*  
 4 *may waive the requirement under subsection (a) if the Sec-*  
 5 *retary submits to the congressional defense committees cer-*  
 6 *tification in writing that the Secretary has—*

7 *(1) for any T-AH 19 Mercy-class hospital ship*  
 8 *to be retired or transferred, identified a replacement*  
 9 *capability to meet the combatant commander afloat*  
 10 *medical capability for medical and surgical care that*  
 11 *is being met by the ship to be retired or transferred;*  
 12 *and*

13 *(2) achieved the initial operational capability of*  
 14 *the replacement capability described in paragraph*  
 15 *(1).*

## 16 ***Subtitle D—Counterterrorism***

### 17 ***SEC. 1031. DEFINITION OF SENSITIVE MILITARY OPER-*** 18 ***ATION.***

19 *Subsection (d) of section 130f of title 10, United States*  
 20 *Code, is amended to read as follows:*

21 *“(d) SENSITIVE MILITARY OPERATION DEFINED.—(1)*  
 22 *Except as provided in paragraph (2), in this section, the*  
 23 *term ‘sensitive military operation’ means a lethal operation*  
 24 *or capture operation conducted by the armed forces or con-*

1 *ducted by a foreign partner in coordination with the armed*  
2 *forces that targets a specific individual or individuals.*

3 “(2) *For purposes of this section, the term ‘sensitive*  
4 *military operation’ does not include any operation con-*  
5 *ducted within Afghanistan.’”.*

6 **SEC. 1032. PROHIBITION ON USE OF FUNDS FOR TRANSFER**  
7 **OR RELEASE OF INDIVIDUALS DETAINED AT**  
8 **UNITED STATES NAVAL STATION, GUANTA-**  
9 **NAMO BAY, CUBA, TO THE UNITED STATES.**

10 *No amounts authorized to be appropriated or otherwise*  
11 *made available for the Department of Defense may be used*  
12 *during the period beginning on the date of the enactment*  
13 *of this Act and ending on December 31, 2019, to transfer,*  
14 *release, or assist in the transfer of or release to or within*  
15 *the United States, its territories, or possessions Khalid*  
16 *Sheikh Mohammed or any other detainee who—*

17 *(1) is not a United States citizen or a member*  
18 *of the Armed Forces of the United States; and*

19 *(2) is or was held on or after January 20, 2009,*  
20 *at United States Naval Station, Guantanamo Bay,*  
21 *Cuba, by the Department of Defense.*

1 **SEC. 1033. PROHIBITION ON USE OF FUNDS TO CONSTRUCT**  
2 **OR MODIFY FACILITIES IN THE UNITED**  
3 **STATES TO HOUSE DETAINEES TRANS-**  
4 **FERRED FROM UNITED STATES NAVAL STA-**  
5 **TION, GUANTANAMO BAY, CUBA.**

6 (a) *IN GENERAL.*—No amounts authorized to be ap-  
7 propriated or otherwise made available for the Department  
8 of Defense may be used during the period beginning on the  
9 date of the enactment of this Act and ending on December  
10 31, 2019, to construct or modify any facility in the United  
11 States, its territories, or possessions to house any individual  
12 detained at Guantanamo for the purposes of detention or  
13 imprisonment in the custody or under the control of the  
14 Department of Defense.

15 (b) *EXCEPTION.*—The prohibition in subsection (a)  
16 shall not apply to any modification of facilities at United  
17 States Naval Station, Guantanamo Bay, Cuba.

18 (c) *INDIVIDUAL DETAINED AT GUANTANAMO DE-*  
19 *FINED.*—In this section, the term “individual detained at  
20 Guantanamo” has the meaning given that term in section  
21 1034(f)(2) of the National Defense Authorization Act for  
22 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10  
23 U.S.C. 801 note).

1 **SEC. 1034. PROHIBITION ON USE OF FUNDS FOR TRANSFER**  
2 **OR RELEASE OF INDIVIDUALS DETAINED AT**  
3 **UNITED STATES NAVAL STATION, GUANTA-**  
4 **NAMO BAY, CUBA, TO CERTAIN COUNTRIES.**

5 *No amounts authorized to be appropriated or otherwise*  
6 *made available for the Department of Defense may be used*  
7 *during the period beginning on the date of the enactment*  
8 *of this Act and ending on December 31, 2019, to transfer,*  
9 *release, or assist in the transfer or release of any individual*  
10 *detained in the custody or under the control of the Depart-*  
11 *ment of Defense at United States Naval Station, Guanta-*  
12 *namo Bay, Cuba, to the custody or control of any country,*  
13 *or any entity within such country, as follows:*

14 (1) *Libya.*

15 (2) *Somalia.*

16 (3) *Syria.*

17 (4) *Yemen.*

18 ***Subtitle E—Miscellaneous***  
19 ***Authorities and Limitations***

20 **SEC. 1041. NOTIFICATION ON THE PROVISION OF DEFENSE**  
21 **SENSITIVE SUPPORT.**

22 *Section 1055 of the National Defense Authorization*  
23 *Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.*  
24 *113 note) is amended—*

25 (1) *in subsection (a)—*

1           (A) in paragraph (1), by striking “; and”  
2           and inserting a semicolon;

3           (B) in paragraph (2)(B), by striking the pe-  
4           riod at the end and inserting a semicolon; and

5           (C) by adding at the end the following new  
6           paragraphs:

7           “(3) is requested by the non-Department of De-  
8           fense Federal department or agency only after the de-  
9           partment or agency has first reasonably attempted to  
10          use the resources of that department or agency to ac-  
11          complish the mission for which the department or  
12          agency is making such request; and

13          “(4) is most appropriately provided by the De-  
14          partment of Defense rather than another department  
15          or agency of the Federal Government.”; and

16          (2) in subsection (b), by adding at the end the  
17          following new paragraph:

18          “(4) *REVERSE DEFENSE SENSITIVE SUPPORT RE-*  
19          *QUEST.—The Secretary shall notify the congressional*  
20          *defense committees (and the congressional intelligence*  
21          *committees with respect to matters relating to mem-*  
22          *bers of the intelligence community) of requests made*  
23          *by the Secretary to a non-Department of Defense Fed-*  
24          *eral department or agency for support that requires*  
25          *special protection from disclosure in the same manner*

1       *and containing the same information as the Secretary*  
2       *notifies such committees of defense sensitive support*  
3       *requests under paragraphs (1) and (3).”.*

4   **SEC. 1042. COORDINATING UNITED STATES RESPONSE TO**  
5                   **MALIGN FOREIGN INFLUENCE OPERATIONS**  
6                   **AND CAMPAIGNS.**

7       *(a) IN GENERAL.—Section 101 of the National Secu-*  
8       *rity Act of 1947 (50 U.S.C. 3021) is amended—*

9           *(1) in subsection (b)—*

10                   *(A) in paragraph (2), by striking “and” at*  
11                   *the end;*

12                   *(B) in paragraph (3), by striking the period*  
13                   *and inserting “; and”; and*

14                   *(C) by adding at the end the following new*  
15                   *paragraph:*

16                   *“(4) coordinate, without assuming operational*  
17                   *authority, the United States Government response to*  
18                   *malign foreign influence operations and campaigns.”;*  
19                   *and*

20                   *(2) by adding at the end the following new sub-*  
21                   *sections:*

22                   **“(g) COORDINATOR FOR COMBATING MALIGN FOREIGN**  
23                   **INFLUENCE OPERATIONS AND CAMPAIGNS.—**

24                   **“(1) IN GENERAL.—The President shall designate**  
25                   **an employee of the National Security Council to be**



1       *responsible for the coordination of the interagency*  
2       *process for combating malign foreign influence oper-*  
3       *ations and campaigns.*

4           “(2) CONGRESSIONAL BRIEFING.—

5               “(A) IN GENERAL.—*Not less frequently than*  
6               *twice each year, the employee designated under*  
7               *this subsection shall provide to the congressional*  
8               *committees specified in subparagraph (B) a*  
9               *briefing on the responsibilities and activities of*  
10              *the individual under this subsection.*

11              “(B) COMMITTEES SPECIFIED.—*The con-*  
12              *gressional committees specified in this subpara-*  
13              *graph are the following:*

14                      “(i) *The Committees on Armed Serv-*  
15                      *ices, Foreign Affairs, and Oversight and*  
16                      *Government Reform, and the Permanent*  
17                      *Select Committee on Intelligence of the*  
18                      *House of Representatives.*

19                      “(ii) *The Committees on Armed Serv-*  
20                      *ices, Foreign Relations, and Homeland Se-*  
21                      *curity and Governmental Affairs, and the*  
22                      *Select Committee on Intelligence of the Sen-*  
23                      *ate.*

24              “(h) DEFINITION OF MALIGN FOREIGN INFLUENCE  
25      OPERATIONS AND CAMPAIGNS.—*In this section, the term*

1 *‘malign foreign influence operations and campaigns’ means*  
2 *the coordinated, integrated, and synchronized application*  
3 *of national diplomatic, informational, military, economic,*  
4 *business, corruption, educational, and other capabilities by*  
5 *hostile foreign powers to foster attitudes, behaviors, deci-*  
6 *sions, or outcomes within the United States.’’.*

7 (b) *STRATEGY.—*

8 (1) *IN GENERAL.—Not later than 9 months after*  
9 *the date of the enactment of this Act, the President,*  
10 *acting through the National Security Council, shall*  
11 *submit to the congressional committees specified in*  
12 *paragraph (2) a strategy to counter malign foreign*  
13 *influence operations and campaigns (as such term is*  
14 *defined in section 101(h) of the National Security Act*  
15 *of 1947 (50 U.S.C. 3021), as added by subsection (a)).*

16 (2) *COMMITTEES SPECIFIED.—The congressional*  
17 *committees specified in this paragraph are the fol-*  
18 *lowing:*

19 (A) *The Committees on Armed Services,*  
20 *Foreign Affairs, and Oversight and Government*  
21 *Reform, and the Permanent Select Committee on*  
22 *Intelligence of the House of Representatives.*

23 (B) *The Committees on Armed Services,*  
24 *Foreign Relations, and Homeland Security and*

1            *Governmental Affairs, and the Select Committee*  
2            *on Intelligence of the Senate.*

3    **SEC. 1043. WORKFORCE ISSUES FOR MILITARY REALIGN-**  
4            **MENTS IN THE PACIFIC.**

5            *Section 6(b)(1) of the Joint Resolution entitled “A*  
6    *Joint Resolution to approve the ‘Covenant To Establish a*  
7    *Commonwealth of the Northern Mariana Islands in Polit-*  
8    *ical Union With the United States of America’, and for*  
9    *other purposes”, approved March 24, 1976 (48 U.S.C.*  
10 *1806(b)(1)) is amended—*

11            *(1) in subparagraph (A), by striking “during the*  
12    *transition program” and inserting “during the period*  
13    *beginning on the transition program effective date*  
14    *and ending on the later of September 30, 2020, or the*  
15    *last day of the transition period”;*

16            *(2) by amending subparagraph (B) to read as*  
17    *follows:*

18            *“(B) H-2B WORKERS.—In the case of an*  
19    *alien described in subparagraph (A) who seeks*  
20    *admission under section 101(a)(15)(H)(ii)(b) of*  
21    *the Immigration and Nationality Act (8 U.S.C.*  
22    *1101(a)(15)(H)(ii)(b)), the alien, if otherwise*  
23    *qualified, may, before the later of December 31,*  
24    *2023, or the last day of the transition period, be*  
25    *admitted under such section, notwithstanding the*

1           *requirement of such section that the service or*  
2           *labor be temporary, for a period of up to 3*  
3           *years—*

4                     “(i) *to perform service or labor on*  
5                     *Guam or in the Commonwealth pursuant to*  
6                     *any agreement entered into by a prime con-*  
7                     *tractor or subcontractor calling for services*  
8                     *or labor required for performance of a con-*  
9                     *tact or subcontract for construction, repairs,*  
10                    *renovations, or facility services that is di-*  
11                    *rectly connected to, or associated with, the*  
12                    *military realignment occurring on Guam*  
13                    *and in the Commonwealth; or*

14                    “(ii) *to perform service or labor as a*  
15                    *health care worker (such as a nurse, physi-*  
16                    *cian assistant, or allied health professional)*  
17                    *on Guam or in the Commonwealth, subject*  
18                    *to the education, training, licensing, and*  
19                    *other requirements of section 212(a)(5)(C)*  
20                    *of the Immigration and Nationality Act (8*  
21                    *U.S.C. 1182(a)(5)(C)), as applicable, except*  
22                    *that this clause shall not be construed to in-*  
23                    *clude graduates of medical schools coming*  
24                    *to Guam or the Commonwealth to perform*

1           *service or labor as members of the medical*  
2           *profession.”; and*

3           (3) *by adding at the end the following:*

4           “(C) *RETURNING WORKERS.—After the end*  
5           *of the period described in subparagraph (A), any*  
6           *alien who was admitted to Guam or the Com-*  
7           *monwealth pursuant to subparagraph (A) or (B)*  
8           *may again seek admission to Guam or the Com-*  
9           *monwealth under section 101(a)(15)(H)(ii)(b) of*  
10           *the Immigration and Nationality Act (8 U.S.C.*  
11           *1101(a)(15)(H)(ii)(b)) without being counted to-*  
12           *ward the numerical limitation of section*  
13           *214(g)(1)(B) of such Act (8 U.S.C.*  
14           *1184(g)(1)(B)). Such an alien shall be consid-*  
15           *ered to be a returning worker subject to subpara-*  
16           *graphs (B) and (C) of section 214(g)(9) of such*  
17           *Act (8 U.S.C. 1184(g)(9)). An alien may be con-*  
18           *sidered to be a returning worker under this sub-*  
19           *paragraph only once.”.*

20 **SEC. 1044. MITIGATION OF OPERATIONAL RISKS POSED TO**  
21           **CERTAIN MILITARY AIRCRAFT BY AUTOMATIC**  
22           **DEPENDENT SURVEILLANCE-BROADCAST**  
23           **EQUIPMENT.**

24           (a) *IN GENERAL.—The Secretary of Transportation*  
25           *may not—*

1           (1) *directly or indirectly require the installation*  
2 *of automatic dependent surveillance-broadcast (here-*  
3 *inafter in this section referred to as “ADS-B”) equip-*  
4 *ment on fighter aircraft, bomber aircraft, or other*  
5 *special mission aircraft owned or operated by the De-*  
6 *partment of Defense;*

7           (2) *deny or reduce air traffic control services in*  
8 *United States airspace or international airspace dele-*  
9 *gated to the United States to any aircraft described*  
10 *in paragraph (1) on the basis that such aircraft is*  
11 *not equipped with ADS-B equipment; or*

12           (3) *restrict or limit airspace access for aircraft*  
13 *described in paragraph (1) on the basis such aircraft*  
14 *are not equipped with ADS-B equipment.*

15       (b) *TERMINATION.*—*Subsection (a) shall cease to be ef-*  
16 *fective on the date that the Secretary of Transportation and*  
17 *the Secretary of Defense jointly submit to the appropriate*  
18 *congressional committees notice that the Secretaries have*  
19 *entered into a memorandum of agreement or other similar*  
20 *agreement providing that fighter aircraft, bomber aircraft,*  
21 *and other special mission aircraft owned or operated by the*  
22 *Department of Defense that are not equipped or not yet*  
23 *equipped with ADS-B equipment will be reasonably accom-*  
24 *modated for safe operations in the National Airspace Sys-*  
25 *tem and provided with necessary air traffic control services.*

1       (c) *RULE OF CONSTRUCTION.*—*Nothing in this section*  
2 *may be construed to—*

3           (1) *vest in the Secretary of Defense any author-*  
4 *ity of the Secretary of Transportation or the Admin-*  
5 *istrator of the Federal Aviation Administration under*  
6 *title 49, United States Code, or any other provision*  
7 *of law;*

8           (2) *vest in the Secretary of Transportation or the*  
9 *Administrator of the Federal Aviation Administra-*  
10 *tion any authority of the Secretary of Defense under*  
11 *title 10, United States Code, or any other provision*  
12 *of law; or*

13           (3) *limit the authority or discretion of the Sec-*  
14 *retary of Transportation or the Administrator of the*  
15 *Federal Aviation Administration to operate air traf-*  
16 *fic control services to ensure the safe minimum sepa-*  
17 *ration of aircraft in flight and the efficient use of air-*  
18 *space.*

19       (d) *NOTIFICATION REQUIREMENT.*—*The Secretary of*  
20 *Defense shall provide to the Secretary of Transportation no-*  
21 *tification of any aircraft the Secretary of Defense designates*  
22 *as a special mission aircraft pursuant to subsection (e)(3).*

23       (e) *DEFINITIONS.*—*In this section:*

24           (1) *The term “appropriate congressional com-*  
25 *mittees” means the congressional defense committees,*







1           (b) *PROGRAM REQUIREMENTS.*—Under the program  
2 required by subsection (a), the Secretary shall require that  
3 prior to any company receiving controlled unclassified in-  
4 formation or classified information, or becoming a cleared  
5 defense contractor—

6           (1) the company shall report to the Secretary  
7 any foreign—

8           (A) direction or controlling interest of the  
9 company; or

10           (B) access to intellectual property relating  
11 to classified information or controlled unclassi-  
12 fied information; and

13           (2) the Secretary shall determine if, on the basis  
14 of information reported under paragraph (1), the  
15 company should receive such information, including  
16 if risk to the national security can be mitigated and  
17 how such mitigation would be enforced.

18 **SEC. 1047. PROTECTION OF EMERGING AND**  
19 **FOUNDATIONAL TECHNOLOGIES.**

20           (a) *LIST.*—The Secretary of Defense shall establish and  
21 maintain a list of emerging and foundational technologies  
22 that are necessary for maintaining the national security  
23 technological advantage of the United States over foreign  
24 countries of special concern, as determined by the Secretary.

1       (b) *TECHNOLOGY PROTECTION.*—*The Secretary shall*  
2 *use the list under subsection (a) to inform activities carried*  
3 *out by the Secretary relating to technology protection, in-*  
4 *cluding under interagency processes conducted pursuant to*  
5 *Federal law.*

## 6       ***Subtitle F—Studies and Reports***

### 7       ***SEC. 1051. ADDITIONAL MATTER FOR INCLUSION IN AN-*** 8                                   ***NUAL REPORT ON CIVILIAN CASUALTIES IN*** 9                                   ***CONNECTION WITH UNITED STATES MILI-*** 10                                  ***TARY OPERATIONS.***

11       *Section 1057(b)(2) of the National Defense Authoriza-*  
12 *tion Act for Fiscal Year 2018 (Public Law 115–91) is*  
13 *amended by adding at the end the following new subpara-*  
14 *graph:*

15                               “(F) *A description of any ex gratia pay-*  
16                               *ments made in connection with such casualties.*”.

### 17       ***SEC. 1052. DEPARTMENT OF DEFENSE REVIEW AND ASSESS-*** 18                                   ***MENT ON ADVANCES IN ARTIFICIAL INTEL-*** 19                                  ***LIGENCE AND MACHINE LEARNING.***

20       (a) *REVIEW REQUIRED.*—*The Secretary of Defense,*  
21 *acting through the Defense Innovation Board and the*  
22 *Under Secretary of Defense for Research and Engineering,*  
23 *shall carry out a review and assessment of the advances*  
24 *in artificial intelligence, related machine learning develop-*  
25 *ments, and associated technologies for military applica-*

1 *tions. In carrying out such review, the Secretary shall con-*  
2 *sider the methods and means necessary to advance the devel-*  
3 *opment of artificial intelligence, machine learning, and as-*  
4 *sociated technologies within the Department of Defense to*  
5 *comprehensively address the national security needs and re-*  
6 *quirements of the Department of Defense.*

7 (b) *SCOPE OF REVIEW.*—*In conducting the review*  
8 *under paragraph (a) the Secretary of Defense shall con-*  
9 *sider—*

10 (1) *the competitiveness of the Department of De-*  
11 *fense in artificial intelligence, machine learning, and*  
12 *other associated technologies, including matters per-*  
13 *taining to public-private partnerships and invest-*  
14 *ments;*

15 (2) *means and methods for the Department of*  
16 *Defense to maintain a technological advantage in ar-*  
17 *tificial intelligence, machine learning, and other asso-*  
18 *ciated technologies, including quantum sciences and*  
19 *high performance computing;*

20 (3) *means by which the Department of Defense*  
21 *can help foster greater emphasis and investments in*  
22 *basic and advanced research to stimulate private,*  
23 *public, academic, and combined initiatives in artifi-*  
24 *cial intelligence, machine learning, and other associ-*

1 *ated technologies, including quantum sciences, and*  
2 *high performance computing;*

3 *(4) Department of Defense workforce and edu-*  
4 *cation initiatives to attract and recruit leading talent*  
5 *in artificial intelligence and machine learning, in-*  
6 *cluding science, technology, engineering, and math*  
7 *programs;*

8 *(5) means by which the Department of Defense*  
9 *may establish data standards and provide incentives*  
10 *for the sharing of open training data; and*

11 *(6) any other matters the Secretary of Defense*  
12 *determines relevant with respect to the approach of*  
13 *the Department of Defense to artificial intelligence*  
14 *and machine learning.*

15 *(c) REPORTS.—*

16 *(1) INITIAL REPORT.—Not later than 180 days*  
17 *after the date of the enactment of this Act, the Sec-*  
18 *retary of Defense shall submit to the congressional de-*  
19 *fense committees an initial report on the findings of*  
20 *the review required under subsection (a) and such rec-*  
21 *ommendations as the Secretary may have for legisla-*  
22 *tive action related to artificial intelligence, machine*  
23 *learning, and associated technologies, including rec-*  
24 *ommendations to more effectively fund and organize*  
25 *the Department of Defense.*

1           (2) *COMPREHENSIVE REPORT.*—Not later than  
2           one year after the date of the enactment of this Act,  
3           the Secretary of Defense shall submit to the congress-  
4           sional defense committees a comprehensive report on  
5           the review required under subsection (a).

6           (d) *DEFINITION OF ARTIFICIAL INTELLIGENCE.*—In  
7           this section, the term “artificial intelligence” includes each  
8           of the following:

9           (1) *Any artificial system that performs tasks*  
10          *under varying and unpredictable circumstances with-*  
11          *out significant human oversight, or that can learn*  
12          *from experience and improve performance when ex-*  
13          *posed to data sets.*

14          (2) *An artificial system developed in computer*  
15          *software, physical hardware, or other context that*  
16          *solves tasks requiring human-like perception, cog-*  
17          *nition, planning, learning, communication, or phys-*  
18          *ical action.*

19          (3) *An artificial system designed to think or act*  
20          *like a human, including cognitive architectures and*  
21          *neural networks.*

22          (4) *A set of techniques, including machine learn-*  
23          *ing, that is designed to approximate a cognitive task.*

24          (5) *An artificial system designed to act ration-*  
25          *ally, including an intelligent software agent or em-*

1 *bodied robot that achieves goals using perception,*  
2 *planning, reasoning, learning, communicating, deci-*  
3 *sionmaking, and acting.*

4 **SEC. 1053. REPORT ON JOINT ENTERPRISE DEFENSE IN-**  
5 **FRAStructure.**

6 *(a) REPORT REQUIRED.—The Secretary of Defense*  
7 *shall submit to the congressional defense committees a re-*  
8 *port on the Joint Enterprise Defense Infrastructure. Such*  
9 *report shall include each of the following:*

10 *(1) Information relating to the current composi-*  
11 *tion of the Cloud Executive Steering Group and its*  
12 *mission, objectives, goals, and strategy.*

13 *(2) A description of the characteristics and con-*  
14 *siderations for accelerating the cloud architecture and*  
15 *services required for a global, resilient, and secure in-*  
16 *formation environment to enable warfighting and*  
17 *mission command, as validated by the Joint Require-*  
18 *ments Oversight Council for the Joint Enterprise De-*  
19 *fense Infrastructure.*

20 *(3) Information relating to the approved acquisi-*  
21 *tion strategy and timeline for the Joint Enterprise*  
22 *Defense Infrastructure, including estimated migration*  
23 *costs and timelines.*

24 *(4) A description of how the approved acquisi-*  
25 *tion strategy referred to in paragraph (3) provides for*

1        *a full and open competition, enables the Department*  
2        *of Defense to continuously leverage and acquire new*  
3        *cloud computing capabilities, maintains the ability of*  
4        *the Department to leverage other cloud computing*  
5        *vendor products and services, incorporates elements to*  
6        *maintain security, and provides for the best perform-*  
7        *ance, cost, and schedule to meet the cloud architecture*  
8        *and services requirements of the Department for the*  
9        *duration of such contract.*

10            *(5) A description of the associated Joint Enter-*  
11            *prise Defense Infrastructure program office, including*  
12            *number of personnel, overhead cost, and organiza-*  
13            *tional structure.*

14            *(6) A description of the effect of the Joint Enter-*  
15            *prise Defense Infrastructure on and the relationship*  
16            *of such Infrastructure to existing cloud computing in-*  
17            *frastructure, platform, and service contracts across*  
18            *the Department of Defense, specifically the effect and*  
19            *relationship to the private cloud infrastructure of the*  
20            *Department, MilCloud 2.0 run by the Defense Infor-*  
21            *mation Systems Agency.*

22            *(7) Information relating to the most recent De-*  
23            *partment of Defense Cloud Computing Strategy and*  
24            *description of any initiatives to update such Strategy.*





1           (1) *The justification of the Secretary for the pro-*  
2           *posed consolidation of such capabilities.*

3           (2) *The justification of the Secretary for the pro-*  
4           *posed designation of the United States Special Oper-*  
5           *ations Command as the entity responsible for estab-*  
6           *lishing the centralized GMCM capability.*

7           (3) *A description of the proposed roles and re-*  
8            *sponsibilities of the United States Special Operations*  
9            *Command as such entity.*

10          (4) *A description of the roles and responsibilities*  
11           *of the combatant commanders regarding the oper-*  
12           *ational use of the GMCM capability.*

13          (5) *The effect of the proposed consolidation of*  
14           *such capabilities on existing GMCM contracts and ca-*  
15           *pabilities.*

16          (6) *An implementation plan that includes a de-*  
17           *tailed description of the resources and other require-*  
18           *ments required for the United States Special Oper-*  
19           *ations Command to establish the centralized GMCM*  
20           *capability for the period covered by the current future*  
21           *year's defense program.*

22          (7) *A comprehensive plan for the continual as-*  
23           *sessment of the effectiveness of the GMCM activities*  
24           *and programs.*

1           (8) *An identification of the anticipated effi-*  
2           *ciencies, cost savings, and operational benefits associ-*  
3           *ated with the consolidation of the GMCM capabilities.*

4           (9) *A description of any actions, activities, and*  
5           *efforts taken to implement section 1637 of the Na-*  
6           *tional Defense Authorization Act for Fiscal Year 2018*  
7           *(Public Law 115–91).*

8           (b) *LIMITATION ON USE OF FUNDS.—Not more than*  
9           *50 percent of the amounts authorized to be appropriated*  
10           *by this Act or otherwise made available for fiscal year 2019*  
11           *for the Commander of the United States Special Operations*  
12           *Command for global messaging and counter messaging may*  
13           *be obligated or expended before the date that is 30 days after*  
14           *the date on which the Secretary submits the report required*  
15           *by subsection (a).*

16   **SEC. 1055. COMPREHENSIVE REVIEW OF PROFESSIONALISM**  
17                            **AND ETHICS PROGRAMS FOR SPECIAL OPER-**  
18                            **ATIONS FORCES.**

19           (a) *REVIEW REQUIRED.—The Secretary of Defense, in*  
20           *coordination with the Secretaries of each of the military*  
21           *departments, shall conduct a comprehensive review of the*  
22           *ethics and professionalism programs of the United States*  
23           *Special Operations Command and of the military depart-*  
24           *ments for officers and other military personnel serving in*  
25           *special operations forces.*

1       (b) *ELEMENTS OF THE REVIEW.*—*The review con-*  
2 *ducted under subsection (a) shall specifically include a de-*  
3 *scription and assessment of each of the following:*

4           (1) *The culture of professionalism and ethics of*  
5 *the United States Special Operations Command and*  
6 *affiliated component commands.*

7           (2) *The ethics and professionalism programs of*  
8 *the military departments available for special oper-*  
9 *ations forces.*

10          (3) *The ethics and professionalism programs of*  
11 *the United States Special Operations Command and*  
12 *affiliated component commands.*

13          (4) *The roles and responsibilities of the military*  
14 *departments and the United States Special Oper-*  
15 *ations Command and affiliated component commands*  
16 *in administering, overseeing, managing, and ensuring*  
17 *compliance and participation of special operations*  
18 *forces in ethics and professionalism programs, includ-*  
19 *ing an identification of—*

20           (A) *gaps in the administration, oversight,*  
21 *and management of such programs and in en-*  
22 *sureing the compliance and participation in such*  
23 *programs; and*

24           (B) *additional guidance that may be re-*  
25 *quired for a systematic, integrated approach in*

1           *administering, overseeing, and managing such*  
2           *programs and in ensuring compliance with and*  
3           *participation in such programs in order to ad-*  
4           *dress issues and improve ethical culture and pro-*  
5           *fessionalism.*

6           (5) *The management and oversight framework in*  
7           *place that is designed to ensure that all ethics and*  
8           *professionalism programs available to special oper-*  
9           *ations forces meet Department standards.*

10          (6) *Tools and metrics for identifying and assess-*  
11          *ing individual and organizational ethics and profes-*  
12          *sionalism issues with respect to special operations*  
13          *forces.*

14          (7) *Tools and metrics for assessing the effective-*  
15          *ness of existing ethics and professionalism programs*  
16          *in improving or addressing individual and organiza-*  
17          *tional ethics-related and professionalism issues with*  
18          *respect to special operations forces.*

19          (8) *Additional programs or actions that may be*  
20          *required to address or improve individual and orga-*  
21          *nizational ethics and professionalism issues with re-*  
22          *spect to special operations forces.*

23          (9) *Actions to improve the oversight and ac-*  
24          *countability by senior leaders of ethics and profes-*

1        *sionalism-related issues with respect to special oper-*  
2        *ations forces.*

3        (c) *DEFINITIONS.—In this section:*

4            (1) *The term “ethics program” means a program*  
5        *that includes—*

6            (A) *compliance-based ethics training, edu-*  
7        *cation, initiative, or other activity that focuses*  
8        *on adherence to rules and regulations; and*

9            (B) *values-based ethics training, education,*  
10        *initiative, or other activity that focuses on up-*  
11        *holding a set of ethical principles in order to*  
12        *achieve high standards of conduct and incor-*  
13        *porate guiding principles to help foster an eth-*  
14        *ical culture and inform decision-making where*  
15        *rules are not clear.*

16           (2) *The term “professionalism program” means*  
17        *a program that includes training, education, initia-*  
18        *tive, or other activity that focuses on values, ethics,*  
19        *standards, code of conduct, and skills as related to the*  
20        *military profession.*

21        (d) *SUBMITTAL OF REVIEW.—The Secretary of Defense*  
22        *shall submit the review required by subsection (a) to the*  
23        *Committees on Armed Services of the Senate and the House*  
24        *of Representatives by not later than March 1, 2019.*

1 **SEC. 1056. MUNITIONS ASSESSMENTS AND FUTURE-YEARS**  
2 **DEFENSE PROGRAM REQUIREMENTS.**

3 (a) *REQUIRED REPORTS.*—Not later than March 1,  
4 2019, and annually thereafter, the Under Secretary of De-  
5 fense for Acquisition and Sustainment, in consultation with  
6 the Chairman of the Joint Chiefs of Staff shall submit to  
7 the congressional defense committees each of the following:

8 (1) *The most current munitions assessments, as*  
9 *defined by Department of Defense Instruction Number*  
10 *3000.04, relating to the Department of Defense muni-*  
11 *tions requirements process.*

12 (2) *The most current sufficiency assessments, as*  
13 *defined by such Department of Defense Instruction.*

14 (3) *The most current approved memorandum of*  
15 *the Joint Requirements Oversight Council resulting*  
16 *from the munitions requirements process.*

17 (4) *The planned funding and munitions require-*  
18 *ments required for the first fiscal year beginning after*  
19 *the date of the submittal of the report and across the*  
20 *future-years defense program for munitions across all*  
21 *military departments and the Missile Defense Agency.*

22 (5) *The planned foreign military sales and for-*  
23 *foreign military financing orders for United States mu-*  
24 *nitions across the future-years defense program.*

1       (b) *SUNSET.*—*The requirement to submit reports and*  
2 *assessments under this section shall terminate on December*  
3 *31, 2021.*

4       (c) *SUPPLY CHAIN ASSESSMENTS.*—*Beginning in fis-*  
5 *cal year 2020, the Under Secretary shall evaluate supply*  
6 *chain risks, including qualified supplier shortages and sin-*  
7 *gle source supplier vulnerabilities for munitions produc-*  
8 *tion. The Under Secretary shall include in the reports re-*  
9 *quired under subsection (a) for fiscal year 2020 and any*  
10 *subsequent fiscal year for which such reports are required*  
11 *to be submitted, a list of munitions that are at risk of pro-*  
12 *duction impacts from the loss of qualified suppliers.*

13 **SEC. 1057. REPORT ON ESTABLISHMENT OF ARMY FUTURES**  
14 **COMMAND.**

15       (a) *REPORT REQUIRED.*—*Not later than February 1,*  
16 *2019, the Secretary of the Army shall submit to the congres-*  
17 *sional defense committees a report on the Army’s plan for*  
18 *the establishment of Army Futures Command.*

19       (b) *CONTENTS OF REPORT.*—*The report required by*  
20 *subsection (a) shall include each of the following:*

21               (1) *A description of the mission of Army Futures*  
22 *Command.*

23               (2) *A description of the authorities and respon-*  
24 *sibilities of the Commander of Army Futures Com-*  
25 *mand.*



1           (3) *A description of the relationship between*  
2 *such authorities and the authorities of the Army Ac-*  
3 *quisition Authority and a description of any changes*  
4 *to be made to the authorities and missions of other*  
5 *Army major commands.*

6           (4) *A detailed description of the structure for*  
7 *Army Futures Command, including grade require-*  
8 *ments.*

9           (5) *A detailed description of any resources or ele-*  
10 *ments to be realigned from the Army Training and*  
11 *Doctrine Command, Army Materiel Command, Army*  
12 *Force Command, or Army Test and Evaluation Com-*  
13 *mand to Army Futures Command.*

14           (6) *An assessment of the number and location of*  
15 *members of the Armed Forces and Department of De-*  
16 *fense civilian personnel expected to be assigned to*  
17 *Army Futures Command.*

18           (7) *A cost estimate for the establishment of Army*  
19 *Futures Command in fiscal year 2019 and projected*  
20 *costs for each of fiscal years 2020 through 2023.*

21           (8) *A description of the headquarters stationing*  
22 *selection criteria and methodology*

23           (9) *Any other information relating to the com-*  
24 *mand, as determined by the Secretary.*

1 **SEC. 1058. ASSESSMENT OF DEPARTMENT OF DEFENSE**  
2 **ELECTROMAGNETIC SPECTRUM WARFARE EN-**  
3 **TERPRISE.**

4 (a) *PLAN REQUIRED.*—*The Secretary of Defense, in*  
5 *consultation with the Chairman of the Joint Chiefs of Staff,*  
6 *shall develop a plan, and the estimated cost and schedule*  
7 *of implementing the plan, to conduct joint campaign mod-*  
8 *eling and wargaming for joint electromagnetic spectrum op-*  
9 *erations. Such plan shall include each of the following:*

10 (1) *The capabilities and capacity, and the asso-*  
11 *ciated governance and command and control architec-*  
12 *ture design, required to effectively employ military*  
13 *forces designated to conduct multi-domain electro-*  
14 *magnetic spectrum operations of the Department of*  
15 *Defense.*

16 (2) *The fiscal and manpower resources required*  
17 *to carry out paragraph (1) and to inform the budget*  
18 *requests of the Department of Defense.*

19 (3) *The sufficiency of experimentation, testing,*  
20 *and training infrastructure, ranges, instrumentation,*  
21 *and threat simulators required to support the develop-*  
22 *ment of electromagnetic spectrum capabilities.*

23 (4) *The sufficiency and overall effectiveness of*  
24 *electromagnetic spectrum operations to inform joint*  
25 *adaptive planning activities.*

1           (5) *All level 3 and level 4 contingency plans (as*  
2 *such plans are described in Joint Publication 5-0 of*  
3 *the Joint Chiefs of Staff, entitled “Joint Planning”*  
4 *and dated June 16, 2017).*

5           **(b) REPORT.—**

6           (1) *IN GENERAL.—Not later than February 18,*  
7 *2019, the Secretary of Defense shall submit to the con-*  
8 *gressional defense committees a report on the plan de-*  
9 *veloped under subsection (a).*

10          (2) *FORM OF REPORT.—The report required by*  
11 *paragraph (1) shall be submitted in unclassified form,*  
12 *but may include a classified annex.*

13          **(c) ANNUAL BRIEFINGS.—**

14          (1) *IN GENERAL.—Not later than February 5,*  
15 *2019, and annually thereafter for each of the next five*  
16 *subsequent years, the Secretary of Defense, in coordi-*  
17 *nation with the Chairman of the Joint Chiefs of Staff,*  
18 *shall provide to the Committee on Armed Services of*  
19 *the House of Representatives a briefing on the joint*  
20 *electromagnetic spectrum operations of the Depart-*  
21 *ment of Defense. Such briefing shall include each of*  
22 *the following:*

23                   (A) *An update on the governance, organiza-*  
24 *tional structure, and activities of the Electronic*  
25 *Warfare Executive Committee of the Department*

1           *of Defense, as established by memorandum of the*  
2           *Deputy Secretary of Defense on March 17, 2015.*

3           *(B) An assessment of the progress in achiev-*  
4           *ing the goals and objectives described in—*

5                     *(i) the current strategy for the electro-*  
6                     *magnetic spectrum warfare enterprise*  
7                     *issued by the Executive Committee; and*

8                     *(ii) Department of Defense Directive*  
9                     *3222.04, dated May 10, 2017.*

10           *(C) An assessment of the current readiness,*  
11           *sufficiency, unity of effort, and modernization of*  
12           *the joint military services with respect to joint*  
13           *electromagnetic spectrum capabilities and the*  
14           *ability of the joint military services to train and*  
15           *employ effectively in an electromagnetic spec-*  
16           *trum warfare operational environment for all*  
17           *level 3 and level 4 contingency plans (as such*  
18           *plans are described in Joint Publication 5-0 of*  
19           *the Joint Chiefs of Staff, entitled “Joint Plan-*  
20           *ning” and dated June 16, 2017).*

21           *(D) The same information as is required to*  
22           *be submitted under section 1053(b) of the Na-*  
23           *tional Defense Authorization Act for Fiscal Year*  
24           *2010 (Public Law 111-84; 123 Stat. 2459).*

1           (2) *FORM OF BRIEFING.*—Each briefing required  
2 by paragraph (1) shall be unclassified, but may in-  
3 clude a classified presentation.

4           (d) *ONE-TIME BRIEFING.*—

5           (1) *IN GENERAL.*—Not later than February 25,  
6 2019, the Secretary of Defense, in coordination with  
7 the Chairman of the Joint Chiefs of Staff, shall pro-  
8 vide to the Committee on Armed Services of the House  
9 of Representatives a briefing on the joint electro-  
10 magnetic spectrum operations of the Department of  
11 Defense. Such briefing shall include each of the fol-  
12 lowing:

13           (A) An update on the progress of the De-  
14 partment in implementing the pilot program au-  
15 thorized by section 234 of the National Defense  
16 Authorization Act for Fiscal Year 2017 (Public  
17 Law 114-328; 10 U.S.C. 113 note).

18           (B) The progress of the Department in es-  
19 tablishing and operationalizing joint electro-  
20 magnetic spectrum operations cells at battle-  
21 management and command and control locations  
22 of the combatant commanders and designated  
23 joint task force commanders.

24           (C) The progress of the Department in es-  
25 tablishing a network to connect an electro-

1           *magnetic battle management system to multiple*  
2           *sensor and intelligence data feeds to implement*  
3           *electronic warfare battle management for*  
4           *networked electronic warfare and dynamic re-*  
5           *programming with automated near real-time ca-*  
6           *pabilities.*

7           *(D) The number of personnel assigned to*  
8           *joint electromagnetic spectrum operations mis-*  
9           *sion activities, to include officers, enlisted mem-*  
10          *bers, and civilian personnel, set forth separately*  
11          *by career field designator and rank for each*  
12          *military service, combatant command, and de-*  
13          *fense agency.*

14          *(E) A comparison of commissioned officer*  
15          *promotion rates among the personnel described*  
16          *in paragraph (d), by grade, compared to the av-*  
17          *erage promotion rates for commissioned officers,*  
18          *by grade, in each military service, over the five*  
19          *most recent promotion cycles that have been com-*  
20          *pleted since the end of fiscal year 2018.*

21          *(F) An assessment of Department of Defense*  
22          *governance, organizational alignment, human*  
23          *capital, and other applicable resources respon-*  
24          *sible for the development, management, and im-*  
25          *plementation of joint electromagnetic spectrum*

1           *policy, doctrine, concepts, requirements, capabili-*  
2           *ties, and operational activities.*

3           (2) *FORM OF BRIEFING.*—*The briefing required*  
4           *by paragraph (1) shall be unclassified, but may in-*  
5           *clude a classified presentation.*

6           (e) *DEFINITIONS.*—*In this section:*

7           (1) *The term “electromagnetic battle manage-*  
8           *ment” means the dynamic monitoring, assessing,*  
9           *planning, and directing of joint electromagnetic spec-*  
10           *trum operations in support of a military com-*  
11           *mander’s scheme of maneuver.*

12           (2) *The term “joint electromagnetic spectrum op-*  
13           *erations” means those activities consisting of elec-*  
14           *tronic warfare and joint electromagnetic spectrum*  
15           *management operations used to exploit, attack, pro-*  
16           *tect, and manage the electromagnetic operational en-*  
17           *vironment to achieve a military commander’s objec-*  
18           *tives.*

19 **SEC. 1059. REPORT ON SUPPORT FOR NON-CONTIGUOUS**  
20           **STATES AND TERRITORIES IN THE EVENT OF**  
21           **THREATS AND INCIDENTS.**

22           (a) *REPORT REQUIRED.*—*Not later than February 1,*  
23           *2019, the Secretary of Defense shall submit to the Commit-*  
24           *tees on Armed Services of the Senate and House of Rep-*  
25           *resentatives a report on the preparedness of the Department*

1 *of Defense in providing support to non-contiguous States*  
2 *and territories in the aftermath of a natural or manmade*  
3 *incident that warrants the Department to assist the State*  
4 *and civil entities with the protection of life and to provide*  
5 *emergency work.*

6 (b) *CONTENTS OF REPORT.*—*For purposes of the re-*  
7 *port under subsection (a)—*

8 (1) *the support covered by the report may in-*  
9 *clude support provided under section 403(c) of the*  
10 *Robert T. Stafford Disaster Relief and Emergency As-*  
11 *sistance Act (42 U.S.C. 5170b(c)); and*

12 (2) *the incidents covered by the report shall in-*  
13 *clude natural disasters, acts of terrorism, and indus-*  
14 *trial accidents.*

15 (c) *FORM OF REPORT.*—*The report required by sub-*  
16 *section (a) shall be submitted in unclassified form, but may*  
17 *contain a classified annex.*

18 **SEC. 1060. REPORT ON LOW-BOOM FLIGHT DEMONSTRATION.**  
19 **TION.**

20 *Not later than 90 days after the date of the enactment*  
21 *of this Act, the Administrator of the National Aeronautics*  
22 *and Space Administration shall submit to the Committee*  
23 *on Science, Space, and Technology of the House of Rep-*  
24 *resentatives a report describing the progress in development*  
25 *of the Low-Boom Flight Demonstration, including—*



1           (1) *the plans of the Administrator to coordinate*  
2           *with other executive agencies to ensure the avail-*  
3           *ability of developmental and operational testing in-*  
4           *frastructure for low-boom flight demonstrations by*  
5           *2021; and*

6           (2) *the strategy of the Administration to acquire*  
7           *chase aircrafts to ensure the availability of such air-*  
8           *crafts for such demonstrations.*

9   **SEC. 1061. REPORT ON CYBER-ENABLED INFORMATION OP-**  
10                                   **ERATIONS.**

11           *Not later than 180 days after the date of the enactment*  
12           *of this Act, the President shall transmit to the Committees*  
13           *on Armed Services and Foreign Affairs of the House of Rep-*  
14           *resentative and the Committees on Armed Services and For-*  
15           *eign Relations of the Senate a report on the effects of cyber-*  
16           *enabled information operations on the national security of*  
17           *the United States. Such report shall include each of the fol-*  
18           *lowing:*

19           (1) *A summary of actions taken by the Federal*  
20           *Government to protect the national security of the*  
21           *United States against cyber-enabled information op-*  
22           *erations.*

23           (2) *A description of the resources necessary to*  
24           *protect the national security of the United States*

1       *against cyber-enabled information operations by for-*  
2       *eign adversaries.*

3                   ***Subtitle G—Other Matters***

4   ***SEC. 1071. TECHNICAL, CONFORMING, AND CLERICAL***  
5                   ***AMENDMENTS.***

6       (a) *TITLE 10, UNITED STATES CODE.—Title 10,*  
7   *United States Code, is amended as follows:*

8               (1) *Sections 130j and 130k, as added by section*  
9       *1631 of the National Defense Authorization Act for*  
10      *Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
11      *1736), are amended by striking “section 3093 of title*  
12      *50, United States Code” both places it appears and*  
13      *inserting “section 503 of the National Security Act of*  
14      *1947 (50 U.S.C. 3093)”.*

15              (2) *The table of sections at the beginning of*  
16      *chapter 3 is amended by striking the items relating*  
17      *to sections 130j and 130k and inserting the following*  
18      *new items:*

*“130j. Notification requirements for sensitive military cyber operations.*

*“130k. Notification requirements for cyber weapons.”.*

19              (3) *Section 131(b)(9), as amended by section*  
20      *811, is further amended—*

21                   (A) *by striking subparagraphs (B), (C), and*  
22                   (D); *and*

1           (B) by redesignating subparagraphs (E),  
2           (F), (G), and (H), as subparagraphs (B), (C),  
3           (D), and (E), respectively.

4           (4) The table of sections at the beginning of  
5           chapter 4 is amended by striking the item relating to  
6           section 261 and inserting the following:

*“241. Reference to chapters 1003, 1005, and 1007.”.*

7           (5) Section 494(b)(2) is amended in the matter  
8           preceding subparagraph (A) by striking “March 1,  
9           2012, and annually thereafter” and inserting “March  
10          1 of each year”.

11          (6) Section 495(a) is amended by striking “Be-  
12          ginning in fiscal year 2013, the” and inserting  
13          “The”.

14          (7) Section 499a(d), as added by section 1652(a)  
15          of the National Defense Authorization Act for Fiscal  
16          Year 2018 (Public Law 115–91; 131 Stat. 1757), is  
17          amended by striking “on or after the date of the en-  
18          actment of this section” and inserting “after Decem-  
19          ber 11, 2017,”.

20          (8) Section 637a(d) is amended by striking “spe-  
21          cialities” and inserting “specialties”.

22          (9) Section 664(d)(1) is amended by striking  
23          “the the” and inserting “the”.

1           (10) *The table of subchapters at the beginning of*  
2           *chapter 47A is amended by striking the item relating*  
3           *to subchapter VII and inserting the following:*

“VII. POST-TRIAL PROCEDURE AND REVIEW OF MILITARY COMMISSIONS”.

4           (11) *The table of sections at the beginning of sub-*  
5           *chapter VII of chapter 47A is amended by striking the*  
6           *item relating to section 950g and inserting the fol-*  
7           *lowing:*

“950g. *Review by United States Court of Appeals for the District of Columbia Circuit; writ of certiorari to Supreme Court.*”.

8           (12) *Section 950t is amended—*

9                   (A) *in paragraph (9), by striking “attack.*  
10                  *or” and inserting “attack, or”;*

11                   (B) *in paragraph (16), by striking “shall*  
12                  *punished” and inserting “shall be punished”;*  
13                  *and*

14                   (C) *in paragraph (22), by adding a period*  
15                  *at the end.*

16           (13) *The table of sections at the beginning of*  
17           *chapter 55 is amended by striking the item relating*  
18           *to section 1077a and inserting the following:*

“1077a. *Access to military medical treatment facilities and other facilities.*”.

19                   (14) *Section 1415(e) is amended by striking*  
20                  *“concerned”.*

21                   (15) *Section 2006a(b)(3) is amended by striking*  
22                  *“the such programs” and inserting “such programs”.*

1           (16) *Section 2279(c) is amended by striking*  
2           *“subsection (a) and (b)” and inserting “subsections*  
3           *(a) and (b)”.*

4           (17) *Section 2279c, as added by section*  
5           *1601(a)(1) of the National Defense Authorization Act*  
6           *for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
7           *1718), is amended—*

8                   (A) *in subsection (a)(3), by striking “ the*  
9                   *date of the enactment of this Act” and inserting*  
10                  *“December 12, 2017”; and*

11                  (B) *in subsection (b)—*

12                          (i) *in the matter preceding paragraph*  
13                          *(1), by striking “ the date of the enactment*  
14                          *of this section” and inserting “December 12,*  
15                          *2017”; and*

16                          (ii) *in paragraph (3), by striking “on*  
17                          *or after the date that is one year after the*  
18                          *date of the enactment of this section” and*  
19                          *inserting “after December 11, 2018”.*

20           (18)(A) *The second section 2279c, as added by*  
21           *section 1602 of the National Defense Authorization*  
22           *Act for Fiscal Year 2018 (Public Law 115–91; 131*  
23           *Stat. 1721), is redesignated as section 2279d.*

1           (B) *The table of sections at the beginning of*  
2           *chapter 135 is amended by inserting after the item re-*  
3           *lating to section 2279c the following new item:*

*“2279d. Limitation on construction on United States territory of satellite posi-*  
*tioning ground monitoring stations of certain foreign govern-*  
*ments.”.*

4           (19) *Section 2313b(b)(1)(E), as added by section*  
5           *803(a) of the National Defense Authorization Act for*  
6           *Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
7           *1452), is amended by redesignating clauses (A) and*  
8           *(B) as clauses (i) and (ii), respectively.*

9           (20) *Section 2324(e)(1) is amended by redesign-*  
10          *ating the second subparagraph (P) and subpara-*  
11          *graph (Q) as subparagraphs (Q) and (R), respec-*  
12          *tively.*

13          (21) *Section 2337a(d), as added by section*  
14          *836(a)(1) of the National Defense Authorization Act*  
15          *for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
16          *1473), is amended by striking “title 10, United States*  
17          *Code” and inserting “this title”.*

18          (22) *Section 2374a(e) is amended by striking*  
19          *“,” and inserting “,”.*

20          (23) *The table of sections at the beginning of*  
21          *chapter 141 is amended by striking the item relating*  
22          *to section 2410s and inserting the following new item:*

*“2410s. Security clearances for facilities of certain companies.”.*

1           (24) *The heading of section 2410s is amended by*  
2           *striking the period at the end.*

3           (25)(A) *The heading of section 2414, as amended*  
4           *by section 817(1) of the National Defense Authoriza-*  
5           *tion Act for Fiscal Year 2018 (Public Law 115–91;*  
6           *131 Stat. 1462), is amended to read as follows:*

7           **“§2414. Funding”.**

8                        (B) *The item relating to such section in the*  
9                        *table of sections at the beginning of chapter 142*  
10                      *is amended to read as follows:*

*“2414. Funding.”.*

11           (26) *Section 2613(g) is amended by striking*  
12           *“(1)”.*

13           (27) *Section 2679(a)(1) is amended by striking*  
14           *“Federal government” and inserting “Federal Govern-*  
15           *ment”.*

16           (28) *The heading of section 2691, as amended by*  
17           *section 2814(b)(1) of the National Defense Authoriza-*  
18           *tion Act for Fiscal Year 2018 (Public Law 115–91),*  
19           *is amended to read as follows:*

20           **“§2691. Restoration of land used by permit or dam-**  
21                        **aged by mishap; reimbursement of state**  
22                        **costs of fighting wildland fires”.**

23           (29) *Section 2879(a)(2)(A), as added by section*  
24           *2817(a)(1) of the National Defense Authorization Act*  
25           *for Fiscal Year 2018 (Public Law 115–91), is amend-*

1        *ed by striking “on or after the date of the enactment*  
2        *of this section” and inserting “after December 11,*  
3        *2017,”.*

4            *(30) The heading of section 2914 is amended to*  
5        *read as follows:*

6        **“§2914. Energy resilience and conservation construc-**  
7            **tion projects”.**

8            *(31) Section 10504 is amended—*

9                    *(A) in subsection (a), by striking “The*  
10            *Chief” and inserting “(1) The Chief”; and*

11                    *(B) by redesignating the second subsection*  
12            *(b) as subsection (c).*

13        *(b) TITLE 32, UNITED STATES CODE.—Title 32,*  
14        *United States Code, is amended in section 902, by striking*  
15        *“the Secretary, determines” and inserting “the Secretary*  
16        *determines”.*

17        *(c) NDAA FOR FISCAL YEAR 2018.—Effective as of*  
18        *December 12, 2017, and as if included therein as enacted,*  
19        *the National Defense Authorization Act for Fiscal Year*  
20        *2018 (Public Law 115–91; 131 Stat. \_\_\_\_ et seq.) is amend-*  
21        *ed as follows:*

22                    *(1) Section 834(a)(2) (131 Stat. 1470) is amend-*  
23        *ed by striking “subchapter I of”.*



1           (2) *Section 913(b) is amended by striking the*  
2 *dash after the colon in the matter preceding para-*  
3 *graph (1).*

4           (3) *Section 1051(d)) is amended by inserting*  
5 *“National” before “Defense Authorization Act”.*

6           (4) *Section 1691(i) is amended—*

7                 (A) *by inserting “the” after “Title XIV of”;*

8                 *and*

9                 (B) *by inserting “as enacted into law by”*  
10 *before “Public Law 106–398”.*

11           (5) *Section 2817(a)(2) is amended by striking*  
12 *“table of sections for” and inserting “table of sections*  
13 *at the beginning of subchapter IV of”.*

14           (6) *Section 2831(b) is amended by inserting “of*  
15 *title 10, United States Code,” after “chapter 173”.*

16           (7) *Section 2876(d) is amended—*

17                 (A) *by inserting “In this section:” after*  
18 *“DEFINITIONS.—”; and*

19                 (B) *in paragraph (1)(A), in the matter pre-*  
20 *ceding clause (i), by inserting open quotation*  
21 *marks before “beneficial” and close quotation*  
22 *marks after “owner”.*

23           (e) *OTHER NDAAS.—*

24                 (1) *FY2016.—Section 828(c) of the National De-*  
25 *fense Authorization Act for Fiscal Year 2016 (Public*

1       *Law 114–92; 10 U.S.C. 2430 note), as added by sec-*  
2       *tion 825(a)(4) of the National Defense Authorization*  
3       *Act for Fiscal Year 2018 (Public Law 115–91; 131*  
4       *Stat. 1466), is amended by inserting “subsection” be-*  
5       *fore “(b)”.*

6               (2) *FY2001.—Section 821(e) of the Floyd D.*  
7       *Spence National Defense Authorization Act for Fiscal*  
8       *Year 2001 (as enacted into law by Public Law 106–*  
9       *398; 10 U.S.C. 2302 note) is amended by striking*  
10       *paragraph (2).*

11       (f) *OTHER LAWS.—*

12               (1) *TITLE 31.—Paragraph (1) of section 5112(p)*  
13       *of title 31, United States Code, as amended by section*  
14       *885 of the National Defense Authorization Act for*  
15       *Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
16       *1505), is amended by striking “, United States Code”*  
17       *each place it appears.*

18               (2) *TITLE 49.—Subsection (h) of section 44718 of*  
19       *title 49, United States Code, as amended and redesign-*  
20       *ated by sections 311(b)(3) and 311(e)(1) of the Na-*  
21       *tional Defense Authorization Act for Fiscal Year 2018*  
22       *(Public Law 115–91), is amended—*

23                       (A) *in paragraph (1), by striking “section*  
24                       *183a(g) of title 10” and inserting “section*  
25                       *183a(h)(1) of title 10” ; and*

1           (B) in paragraph (2), by striking “section  
2           183a(g) of title 10” and inserting “section  
3           183a(h)(7) of title 10”.

4           (3) *ATOMIC ENERGY DEFENSE ACT*.—Section  
5           4309(c) of the Atomic Energy Defense Act (50 U.S.C.  
6           2575(c)) is amended by redesignating paragraphs  
7           (17) and (18) as paragraphs (16) and (17), respec-  
8           tively.

9           (g) *CONFORMING AMENDMENTS RELATING TO THE*  
10          *CHIEF MANAGEMENT OFFICER OF THE DEPARTMENT OF*  
11          *DEFENSE*.—

12           (1) *CONFORMING AMENDMENTS*.—

13           (A) Each of the following provisions law is  
14           amended by striking “Deputy Chief Management  
15           Officer” each place it appears and inserting  
16           “Chief Management Officer”:

17                   (i) Section 192(e)(2) of title 10, United  
18                   States Code.

19                   (ii) Section 2222 of title 10, United  
20                   States Code.

21                   (iii) Section 11319(d)(4) of title 40,  
22                   United States Code.

23                   (iv) Section 881(a) of the National De-  
24                   fense Authorization Act for Fiscal Year

1           2016 (Public Law 114–92; 10 U.S.C. 2302  
2           note).

3           (v) Section 217 of the National Defense  
4           Authorization Act for Fiscal Year 2016  
5           (Public Law 114–92; 10 U.S.C. 2445a  
6           note).

7           (B) Section 131(b) of title 10, United States  
8           Code, as amended by subsection (a)(3) of this  
9           section, is further amended—

10           (i) by striking paragraph (4); and

11           (ii) by redesignating paragraphs (5)  
12           through (10) as paragraphs (4) through (9),  
13           respectively.

14           (C) Section 137a(d) of title 10, United  
15           States Code, is amended—

16           (i) by striking “the Secretaries of the  
17           military departments,” and inserting “the  
18           Chief Management Officer of the Depart-  
19           ment of Defense, the Secretaries of the mili-  
20           tary departments, and”; and

21           (ii) by striking “, and the Deputy  
22           Chief Management Officer of the Depart-  
23           ment of Defense”.

24           (D) Section 138(d) of title 10, United States  
25           Code, is amended—

1           (i) by inserting “the Chief Manage-  
2           ment Officer of the Department of Defense,”  
3           after “the Deputy Secretary of Defense,”;  
4           and

5           (ii) by striking “ the Deputy Chief  
6           Management Officer of the Department of  
7           Defense,”.

8           (E) Section 904(b)(4) the National Defense  
9           Authorization Act for Fiscal Year 2008 (Public  
10          Law 110–181; 10 U.S.C. 132 note.) is amend-  
11          ed—

12          (i) by striking “and Deputy Chief  
13          Management Officer” and

14          (ii) by striking “as is necessary to as-  
15          sist those officials in the performance of  
16          their duties” and inserting “as is necessary  
17          to assist the Chief Management Officer in  
18          the performance of the duties assigned to  
19          such official”.

20          (F) Section 5314 of title 5, United States  
21          Code, is amended by striking “Deputy Chief  
22          Management Officer of the Department of De-  
23          fense.”.

24          (2) REFERENCES.—



1           (1) *DESIGNATION OF PRINCIPAL ADVISOR.*—  
2           Chapter 4 of title 10, United States Code, is amended  
3           by adding at the end the following new section:

4   **“§ 145. Principal Advisor on Countering Weapons of**  
5                           **Mass Destruction**

6           “(a) *DESIGNATION.*—The Secretary of Defense shall  
7           designate, from among the personnel of the Office of the Sec-  
8           retary of Defense, a Principal Advisor on Countering Weap-  
9           ons of Mass Destruction. Such Principal Advisor shall act  
10          as the principal advisor to the Secretary on the activities  
11          of the Department of Defense relating to countering weap-  
12          ons of mass destruction. The individual designated to serve  
13          as such Principal Advisor shall be an individual who was  
14          appointed to the position held by the individual by and  
15          with the advice and consent of the Senate.

16          “(b) *RESPONSIBILITIES.*—The Principal Advisor des-  
17          ignated under subsection (a) shall carry out the following  
18          responsibilities:

19                  “(1) *Supervising the activities of the Department*  
20                  *of Defense relating to countering weapons of mass de-*  
21                  *struction, including the oversight of policy and oper-*  
22                  *ational considerations, resources, personnel, acquisi-*  
23                  *tion, and technology.*

1           “(2) Carrying out such other responsibilities re-  
2 relating to countering weapons of mass destruction as  
3 the Secretary shall specify.”.

4           (2) *CLERICAL AMENDMENT.*—The table of sec-  
5 tions at the beginning of such chapter is amended by  
6 adding at the end the following new item:

“145. *Principal Advisor on Countering Weapons of Mass Destruction.*”.

7           (b) *OVERSIGHT PLAN.*—Not later than 180 days after  
8 the date of the enactment of this Act, the Secretary of De-  
9 fense shall submit to the congressional defense committees  
10 a plan to streamline the oversight framework of the Office  
11 of the Secretary of Defense, including any efficiencies and  
12 the potential to reduce, realign, or otherwise restructure  
13 current Assistant Secretary and Deputy Assistant Sec-  
14 retary positions with responsibilities for overseeing coun-  
15 tering weapons of mass destruction policy, programs, and  
16 activities.

17 **SEC. 1073. RECEIPT OF FIREARM OR AMMUNITION.**

18           (a) *RECEIPT OF FIREARM OR AMMUNITION BY SPOUSE*  
19 *OF MEMBER OF THE ARMED FORCES AT A DUTY STATION*  
20 *OF THE MEMBER OUTSIDE THE UNITED STATES.*—Section  
21 925(a)(3) of title 18, United States Code, is amended—

22           (1) by inserting “, or to the spouse of such a  
23 member,” before “or to”;

24           (2) by striking “members,” and inserting “mem-  
25 bers and spouses,”;



1           (3) by striking “members or” and inserting  
2           “members, spouses, or”; and

3           (4) by striking “member or” and inserting  
4           “member, spouse, or”.

5           (b) *RESIDENCY OF SPOUSES OF MEMBERS OF THE*  
6 *ARMED FORCES TO BE DETERMINED ON THE SAME BASIS*  
7 *AS THE RESIDENCY OF SUCH MEMBERS FOR PURPOSES OF*  
8 *FEDERAL FIREARMS LAWS.*—Section 921(b) of title 18,  
9 *United States Code, is amended to read as follows:*

10          “(b) For purposes of this chapter, a member of the  
11 *Armed Forces on active duty, or a spouse of such a member,*  
12 *is a resident of—*

13                 “(1) the State in which the member or spouse  
14                 *maintains legal residence;*

15                 “(2) the State in which the permanent duty sta-  
16                 *tion of the member is located; and*

17                 “(3) the State in which the member maintains a  
18                 *place of abode from which the member commutes each*  
19                 *day to the permanent duty station of the member.”.*

20           (c) *EFFECTIVE DATE.*—*The amendments made by this*  
21 *section shall apply to conduct engaged in after the 6-month*  
22 *period that begins on the date of the enactment of this Act.*

1 **SEC. 1074. FEDERAL CHARTER FOR SPIRIT OF AMERICA.**

2       (a) *FEDERAL CHARTER.*—Part B of subtitle II of title  
3 36, United States Code, is amended by inserting after chap-  
4 ter 2003 the following new chapter:

5       **“CHAPTER 2005—SPIRIT OF AMERICA**

“Sec.

“200501. *Organization.*

“200502. *Purposes.*

“200503. *Governing body.*

“200504. *Powers.*

“200505. *Restrictions.*

“200506. *Records and inspection.*

“200507. *Duty to maintain tax-exempt status.*

“200508. *Quarterly report.*

6       **“§ 200501. Organization**

7       “(a) *FEDERAL CHARTER.*—*Spirit of America (in this*  
8 *chapter ‘the corporation’), a nonprofit corporation, is a fed-*  
9 *erally chartered corporation.*

10       “(b) *EXPIRATION OF CHARTER.*—*If the corporation*  
11 *does not comply with the provisions of this chapter, the*  
12 *charter granted by this chapter expires.*

13       “(c) *SCOPE OF CHARTER.*—*Nothing in the charter*  
14 *granted by this chapter shall be construed as conferring spe-*  
15 *cial rights or privileges upon the corporation, or as placing*  
16 *upon the Department of Defense any obligation with respect*  
17 *to the corporation.*

18       **“§ 200502. Purposes**

19       “*The purposes of the corporation are as provided in*  
20 *its constitution and bylaws and include the following:*

1           “(1) *To respond to the needs of local populations*  
2           *abroad, as identified by members of the Armed Forces*  
3           *and diplomats of the United States abroad.*

4           “(2) *To connect the people of the United States*  
5           *more closely to the members of the Armed Forces and*  
6           *diplomats of the United States abroad, and to the*  
7           *missions carried out by such personnel abroad.*

8           “(3) *To demonstrate the goodwill of the people of*  
9           *the United States to peoples around the world.*

10 **“§ 200503. Governing body**

11           “(a) *BOARD OF DIRECTORS.—*

12           “(1) *The board of directors is the governing body*  
13           *of the corporation. The powers, duties, and respon-*  
14           *sibilities of the board are as provided in the constitu-*  
15           *tion and bylaws of the corporation.*

16           “(2) *The number of directors is as provided in*  
17           *the constitution of the corporation. Their manner of*  
18           *selection (including the filling of vacancies) and their*  
19           *term of office are as provided in the constitution and*  
20           *bylaws.*

21           “(b) *OFFICERS.—(1) The officers of the corporation*  
22           *are a chairman of the board of directors, a president, one*  
23           *or more vice presidents as provided in the constitution and*  
24           *bylaws, a secretary, a treasurer, and one or more assistant*

1 *secretaries and assistant treasurers as provided in the con-*  
2 *stitution and bylaws.*

3       “(2) *The manner of election, term of office, and duties*  
4 *of the officers are as provided in the constitution and by-*  
5 *laws.*

6 **“§200504. Powers**

7       *“The corporation may—*

8               “(1) *adopt and amend a constitution, by-laws,*  
9 *and regulations to carry out the purposes of the cor-*  
10 *poration;*

11              “(2) *adopt and alter a corporate seal;*

12              “(3) *establish and maintain offices to conduct its*  
13 *activities;*

14              “(4) *enter into contracts;*

15              “(5) *acquire, own, lease, encumber, and transfer*  
16 *property as necessary and appropriate to carry out*  
17 *the purposes of the corporation;*

18              “(6) *establish, regulate, and discontinue subordi-*  
19 *nate State and territorial subdivisions and local*  
20 *chapters or posts;*

21              “(7) *publish a magazine and other publications*  
22 *(including through the Internet);*

23              “(8) *sue and be sued;*

1           “(9) do any other act necessary and proper to  
2           carry out the purposes of the corporation as provided  
3           in its constitution, by-laws, and regulations; and

4           “(10) to do any other act necessary and proper  
5           to carry out the purposes stated in section 200502 of  
6           this title.

7   **“§ 200505. Restrictions**

8           “(a) *PROFIT.*—The corporation may not engage in  
9           business activity for profit unless the activity is substan-  
10          tially related to—

11           “(1) the purposes stated in 200502 of this title;

12          or

13           “(2) raising funds to accomplish those purposes.

14          “(b) *STOCK AND DIVIDENDS.*—The corporation may  
15          not issue stock or declare or pay a dividend.

16          “(c) *POLITICAL ACTIVITIES.*—The corporation shall be  
17          nonpolitical and may not provide financial aid or assist-  
18          ance to, or otherwise promote the candidacy of, an indi-  
19          vidual seeking elective public office. A substantial part of  
20          the activities of the corporation may not involve carrying  
21          on propaganda or otherwise attempting to influence legisla-  
22          tion.

23          “(d) *DISTRIBUTION OF INCOME OR ASSETS.*—The in-  
24          come or assets of the corporation may not inure to the ben-  
25          efit of a governor, officer, member, or employee or be distrib-

1 *uted to any person during the life of the corporation or on*  
2 *its dissolution or final liquidation. This subsection does not*  
3 *prevent the payment of reasonable compensation to an offi-*  
4 *cer, employee, or other person or reimbursement for actual*  
5 *necessary expenses in amounts approved by the board of*  
6 *directors.*

7       “(e) *LOANS.—The corporation may not make a loan*  
8 *to a governor, officer, member or employee.*

9       “(f) *NO CLAIM OF GOVERNMENTAL APPROVAL OR AU-*  
10 *THORITY.—The corporation may not claim approval of*  
11 *Congress, of the authority of the United States, for any ac-*  
12 *tivity of the corporation.*

13 **“§ 200506. Records and inspection**

14       “(a) *RECORDS.—The corporation shall keep—*

15               “(1) *correct and complete records of account;*

16               “(2) *minutes of the proceedings of its members,*  
17 *board of governors, and committees having any of the*  
18 *authority of the corporation; and*

19               “(3) *at its principal office, a record of the names*  
20 *and addresses of its members entitled to vote.*

21       “(b) *INSPECTION.—A member, or an agent or attorney*  
22 *of a member, may inspect the records of the corporation*  
23 *for any proper purpose, at any reasonable time.*

1 **“§ 200507. Duty to maintain tax-exempt status**

2       *“If the corporation fails to maintain its status as an*  
 3 *organization exempt from taxation under the Internal Rev-*  
 4 *enue Code of 1986, the charter granted under this chapter*  
 5 *shall terminate.*

6 **“§ 200508. Quarterly report**

7       *“The corporation shall submit a quarterly report to*  
 8 *Congress on the activities of the corporation during the*  
 9 *prior fiscal year quarter. The report shall be submitted at*  
 10 *the same time as the report of the audit required by section*  
 11 *10101 of this title.”.*

12       **(b) TABLES OF CHAPTERS.**—*The table of chapters at*  
 13 *the beginning of title 36, United States Code, and at the*  
 14 *beginning of subtitle II of such title, are each amended by*  
 15 *inserting after the item relating to chapter 2003 the fol-*  
 16 *lowing new item:*

*“2005. Spirit of America .....200501”.*

17 **SEC. 1075. TRANSFER OF AIRCRAFT TO OTHER DEPART-**  
 18 **MENTS.**

19       *Section 1098 of the National Defense Authorization*  
 20 *Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat.*  
 21 *881) is amended—*

22               *(1) by striking subsections (a) and (f);*

23               *(2) by redesignating subsections (b) through (e)*

24               *as subsections (a) through (d), respectively;*

1           (3) *by redesignating subsections (g) and (h) as*  
2 *subsections (e) and (f);*

3           (4) *in subsection (a)(1), as so redesignated, by*  
4 *striking “and subject to the certification requirement*  
5 *under subsection (f),”;* and

6           (5) *in subsection (d), as so redesignated—*

7           (A) *by striking “Promptly following the*  
8 *completion of the certification requirement under*  
9 *subsection (f) and notwithstanding” and insert-*  
10 *ing “Notwithstanding”;* and

11           (B) *by striking “shall begin transfer, with-*  
12 *out reimbursement, of—” and inserting “shall*  
13 *transfer, without reimbursement—”.*

14 **SEC. 1076. REAUTHORIZATION OF NATIONAL AVIATION**  
15 **HERITAGE AREA.**

16 (a) *FINDINGS.—Congress finds as follows:*

17           (1) *The National Aviation Heritage Area, as it*  
18 *is currently defined, contains the National Museum of*  
19 *the United States Air Force and the Huffman Prairie*  
20 *Flying Field located within the grounds of Wright-*  
21 *Patterson Air Force Base.*

22           (2) *The National Aviation Heritage Area con-*  
23 *tinues to preserve the historical legacy of the Wright*  
24 *brothers and the birth of aviation, therefore, the Na-*  
25 *tional Park Service should designate the National*



1       *Aviation Heritage Area as a longstanding heritage*  
2       *area.*

3       **(b) REAUTHORIZATION.**—*The National Aviation Her-*  
4       *itage Area Act (title V of division J of the Consolidated*  
5       *Appropriations Act, 2005; Public Law 108–447) is amend-*  
6       *ed—*

7               *(1) by striking “The Aviation Heritage Founda-*  
8               *tion, Incorporated,” “the Aviation Heritage Founda-*  
9               *tion, Incorporated (a nonprofit corporation estab-*  
10              *lished under the laws of the State of Ohio), “the*  
11              *Aviation Heritage Foundation,” “the Aviation Herit-*  
12              *age Foundation, Incorporated” and “the Foundation”*  
13              *each place they appear and inserting “Dayton His-*  
14              *tory”;*

15              *(2) in section 503, by amending paragraph (1)*  
16              *to read as follows:*

17                      *“(1) DAYTON HISTORY.—The term ‘Dayton His-*  
18                      *tory’ means Dayton History, an organization incor-*  
19                      *porated in Ohio and described in section 501(c)(3) of*  
20                      *the Internal Revenue Code of 1986 and exempt from*  
21                      *tax under section 501(a) of such Code.”;*

22              *(3) in section 505, by adding at the end the fol-*  
23              *lowing new subsection:*

24                      **“(d) ACCEPTANCE OF FUNDS AND SERVICES.**—*The*  
25                      *management entity may accept funds and services from any*

1 *Federal or non-Federal source for the purposes of imple-*  
2 *menting the Management Plan.”; and*

3 *(4) in section 512, by striking “the date that is*  
4 *15 years after the date that funds are first made*  
5 *available for this title” and inserting “September 30,*  
6 *2025”.*

7 *(c) MANAGEMENT PLAN.—Dayton History (as such*  
8 *term is defined in section 503(1) of the National Aviation*  
9 *Heritage Area Act (title V of division J of the Consolidated*  
10 *Appropriations Act, 2005; Public Law 108–447)) may*  
11 *manage the National Aviation Heritage Area under the*  
12 *management plan in effect for that heritage area as of the*  
13 *date of the enactment of this Act.*

14 **SEC. 1077. RECOGNITION OF AMERICA’S VETERANS.**

15 *(a) AUTHORIZATION OF SUPPORT.—In order to honor*  
16 *American veterans, including American veterans of past*  
17 *wars that the Secretary of Defense determines have not re-*  
18 *ceived appropriate recognition, the Secretary may provide*  
19 *such support as the Secretary determines is appropriate for*  
20 *a parade to be carried out in the District of Columbia. In*  
21 *providing support under this subsection, the Secretary may*  
22 *expend funds for the display of small arms and munitions*  
23 *appropriate for customary ceremonial honors and for the*  
24 *participation of military units that perform customary cer-*  
25 *emonial duties.*

1           (b) *PROHIBITION.*—*In providing support for a parade*  
2 *as described in subsection (a), the Secretary may not ex-*  
3 *pend funds to provide motorized vehicles, aviation plat-*  
4 *forms, munitions other than the munitions specifically de-*  
5 *scribed in subsection (a), operational military units, or*  
6 *operational military platforms if the Secretary determines*  
7 *that providing such units, platforms, or equipment would*  
8 *undermine the readiness of such units, platforms, or equip-*  
9 *ment.*

10 **SEC. 1078. NATIONAL COMMISSION ON MILITARY AVIATION**

11                                   **SAFETY.**

12           (a) *ESTABLISHMENT.*—*There is established the Na-*  
13 *tional Commission on Military Aviation Safety (in this sec-*  
14 *tion referred to as the “Commission”).*

15           (b) *MEMBERSHIP.*—

16                   (1) *COMPOSITION.*—*The Commission shall be*  
17 *composed of eight members, of whom—*

18                                   (A) *four shall be appointed by the Presi-*  
19 *dent;*

20                                   (B) *one shall be appointed by the Chairman*  
21 *of the Committee on Armed Services of the Sen-*  
22 *ate;*

23                                   (C) *one shall be appointed by the Ranking*  
24 *Member of the Committee on Armed Services of*  
25 *the Senate;*

1           (D) one shall be appointed by the Chairman  
2           of the Committee on Armed Services of the House  
3           of Representatives; and

4           (E) one shall be appointed by the Ranking  
5           Member of the Committee on Armed Services of  
6           the House of Representatives.

7           (2) *APPOINTMENT DATE.*—The appointments of  
8           the members of the Commission shall be made not  
9           later than 90 days after the date of the enactment of  
10          this Act.

11          (3) *EFFECT OF LACK OF APPOINTMENT BY AP-*  
12          *POINTMENT DATE.*—If one or more appointments  
13          under subparagraph (A) of paragraph (1) is not  
14          made by the appointment date specified in paragraph  
15          (2), the authority to make such appointment or ap-  
16          pointments shall expire, and the number of members  
17          of the Commission shall be reduced by the number  
18          equal to the number of appointments so not made. If  
19          an appointment under subparagraph (B), (C), (D), or  
20          (E) of paragraph (1) is not made by the appointment  
21          date specified in paragraph (2), the authority to  
22          make an appointment under such subparagraph shall  
23          expire, and the number of members of the Commission  
24          shall be reduced by the number equal to the number  
25          otherwise appointable under such subparagraph.

1           (4) *EXPERTISE.*—*In making appointments*  
2           *under this subsection, consideration should be given to*  
3           *individuals with expertise in military aviation train-*  
4           *ing, aviation technology, military aviation oper-*  
5           *ations, aircraft sustainment and repair, aviation per-*  
6           *sonnel policy, aerospace physiology, and reserve com-*  
7           *ponent policy.*

8           (c) *PERIOD OF APPOINTMENT; VACANCIES.*—*Members*  
9           *shall be appointed for the life of the Commission. Any va-*  
10          *cancy in the Commission shall not affect its powers, but*  
11          *shall be filled in the same manner as the original appoint-*  
12          *ment.*

13          (d) *CHAIR AND VICE CHAIR.*—*The Commission shall*  
14          *select a Chair and Vice Chair from among its members.*

15          (e) *MEETINGS.*—

16               (1) *IN GENERAL.*—*The Commission shall meet at*  
17               *the call of the Chair.*

18               (2) *INITIAL MEETING.*—*Not later than 30 days*  
19               *after the date on which all members of the Commis-*  
20               *sion have been appointed, the Commission shall hold*  
21               *its initial meeting.*

22               (3) *QUORUM.*—*A majority of the members of the*  
23               *Commission shall constitute a quorum, but a lesser*  
24               *number of members may hold hearings.*

25          (f) *DUTIES.*—

1           (1) *STUDY ON MILITARY AVIATION SAFETY.*—The  
2           *Commission shall undertake a comprehensive study of*  
3           *United States military aviation mishaps that oc-*  
4           *curred between fiscal years 2013 and 2018 in order—*

5                   (A) *to assess the rates of military aviation*  
6                   *mishaps between fiscal years 2013 and 2018*  
7                   *compared to historic aviation mishap rates;*

8                   (B) *to make an assessment of the under-*  
9                   *lying causes contributing to the unexplained*  
10                   *physiological effects;*

11                   (C) *to make an assessment of causes con-*  
12                   *tributing to delays in aviation maintenance and*  
13                   *limiting operational availability of aircraft;*

14                   (D) *to make an assessment of the causes*  
15                   *contributing to military aviation mishaps; and*

16                   (E) *to make recommendations on the modi-*  
17                   *fications, if any, of safety, training, mainte-*  
18                   *nance, personnel, or other policies related to*  
19                   *military aviation safety.*

20           (2) *REPORT.*—*Not later than June 1, 2019, the*  
21           *Commission shall submit to the President and the*  
22           *congressional defense committees a report setting forth*  
23           *a detailed statement of the findings and conclusions*  
24           *of the Commission as a result of the study required*  
25           *by paragraph (1), together with the recommendations*

1       of the Commission for such legislative and adminis-  
2       trative actions as the Commission considers appro-  
3       priate in light of the results of the study.

4       (g) *POWERS.*—

5             (1) *HEARINGS.*—*The Commission may hold such*  
6       *hearings, sit and act at such times and places, take*  
7       *such testimony, and receive such evidence as the Com-*  
8       *mission considers advisable to carry out its duties*  
9       *under this subtitle.*

10            (2) *INFORMATION FROM DEPARTMENT.*—*The*  
11       *Commission may secure directly from any element of*  
12       *the Department of Defense such information as the*  
13       *Commission considers necessary to carry out its du-*  
14       *ties under this subtitle. Upon request of the Chair of*  
15       *the Commission, the head of such element shall fur-*  
16       *nish such information to the Commission.*

17       (h) *TERMINATION.*—*The Commission shall terminate*  
18       *90 days after the date on which the Commission submits*  
19       *the report required under subsection (f)(2).*

20       (i) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
21       *that—*

22             (1) *the Secretary of Defense should take every*  
23       *immediate action to make necessary repairs to avia-*  
24       *tion systems and increase pilot training and pro-*

1 *iciency without assuming additional risk to flight*  
2 *safety; and*

3 *(2) this Act and the Defense Appropriations Act*  
4 *for fiscal year 2019 should be enacted into law by not*  
5 *later than October 1, 2018, at the maximum amount*  
6 *permitted by the Bipartisan Budget Act of 2018*  
7 *(Public Law 115-23) without being conditioned on*  
8 *any other issue and without regard to any issue or*  
9 *difference of opinion.*

10 **SEC. 1079. TARGET PRACTICE AND MARKSMANSHIP TRAIN-**  
11 **ING SUPPORT.**

12 *(a) FINDINGS; PURPOSE.—*

13 *(1) FINDINGS.—Congress finds that—*

14 *(A) the use of firearms and archery equip-*  
15 *ment for target practice and marksmanship*  
16 *training activities on Federal land is allowed,*  
17 *except to the extent specific portions of that land*  
18 *have been closed to those activities;*

19 *(B) in recent years preceding the date of en-*  
20 *actment of this section, portions of Federal land*  
21 *have been closed to target practice and marks-*  
22 *manship training for many reasons;*

23 *(C) the availability of public target ranges*  
24 *on non-Federal land has been declining for a va-*



1            *riety of reasons, including continued population*  
2            *growth and development near former ranges;*

3            *(D) providing opportunities for target prac-*  
4            *tice and marksmanship training at public target*  
5            *ranges on Federal and non-Federal land can*  
6            *help—*

7                    *(i) to promote enjoyment of shooting,*  
8                    *recreational, and hunting activities; and*

9                    *(ii) to ensure safe and convenient loca-*  
10                  *tions for those activities;*

11            *(E) Federal law in effect on the date of en-*  
12            *actment of this section, including the Pittman-*  
13            *Robertson Wildlife Restoration Act (16 U.S.C.*  
14            *669 et seq.), provides Federal support for con-*  
15            *struction and expansion of public target ranges*  
16            *by making available to States amounts that may*  
17            *be used for construction, operation, and mainte-*  
18            *nance of public target ranges; and*

19            *(F) it is in the public interest to provide in-*  
20            *creased Federal support to facilitate the con-*  
21            *struction or expansion of public target ranges.*

22            *(2) PURPOSE.—The purpose of this section is to*  
23            *facilitate the construction and expansion of public*  
24            *target ranges, including ranges on Federal land man-*

1       aged by the Forest Service and the Bureau of Land  
2       Management.

3       (b) *AMENDMENTS TO PITTMAN-ROBERTSON WILDLIFE*  
4       *RESTORATION ACT.*—

5               (1) *DEFINITIONS.*—Section 2 of the Pittman-  
6       Robertson Wildlife Restoration Act (16 U.S.C. 669a)  
7       is amended—

8                       (A) by redesignating paragraphs (2)  
9                       through (8) as paragraphs (3) through (9), re-  
10                      spectively; and

11                     (B) by inserting after paragraph (1) the fol-  
12                     lowing:

13                     “(2) the term ‘public target range’ means a spe-  
14                     cific location that—

15                       “(A) is identified by a governmental agency  
16                       for recreational shooting;

17                       “(B) is open to the public;

18                       “(C) may be supervised; and

19                       “(D) may accommodate archery or rifle,  
20                       pistol, or shotgun shooting;”.

21               (2) *EXPENDITURES FOR MANAGEMENT OF WILD-*  
22       *LIFE AREAS AND RESOURCES.*—Section 8(b) of the  
23       Pittman-Robertson Wildlife Restoration Act (16  
24       U.S.C. 669g(b)) is amended—

1                   (A) by striking “(b) Each State” and in-  
2                   serting the following:

3                   “(b) *EXPENDITURES FOR MANAGEMENT OF WILDLIFE*  
4 *AREAS AND RESOURCES.*—

5                   “(1) *IN GENERAL.*—*Except as provided in para-*  
6 *graph (2), each State*”;

7                   (B) in paragraph (1) (as so designated), by  
8                   striking “construction, operation,” and inserting  
9                   “operation”;

10                  (C) in the second sentence, by striking “The  
11                  non-Federal share” and inserting the following:

12                  “(3) *NON-FEDERAL SHARE.*—*The non-Federal*  
13 *share*”;

14                  (D) in the third sentence, by striking “The  
15                  Secretary” and inserting the following:

16                  “(4) *REGULATIONS.*—*The Secretary*”; and

17                  (E) by inserting after paragraph (1) (as  
18                  designated by paragraph (1) of this subsection)  
19                  the following:

20                  “(2) *EXCEPTION.*—*Notwithstanding the limita-*  
21 *tion described in paragraph (1), a State may pay up*  
22 *to 90 percent of the cost of acquiring land for, ex-*  
23 *anding, or constructing a public target range.*”.

24                  (3) *FIREARM AND BOW HUNTER EDUCATION AND*  
25 *SAFETY PROGRAM GRANTS.*—*Section 10 of the Pitt-*

1 *man-Robertson Wildlife Restoration Act (16 U.S.C.*  
2 *669h-1) is amended—*

3 *(A) in subsection (a), by adding at the end*  
4 *the following:*

5 *“(3) ALLOCATION OF ADDITIONAL AMOUNTS.—Of*  
6 *the amount apportioned to a State for any fiscal year*  
7 *under section 4(b), the State may elect to allocate not*  
8 *more than 10 percent, to be combined with the*  
9 *amount apportioned to the State under paragraph (1)*  
10 *for that fiscal year, for acquiring land for, expanding,*  
11 *or constructing a public target range.”;*

12 *(B) by striking subsection (b) and inserting*  
13 *the following:*

14 *“(b) COST SHARING.—*

15 *“(1) IN GENERAL.—Except as provided in para-*  
16 *graph (2), the Federal share of the cost of any activity*  
17 *carried out using a grant under this section shall not*  
18 *exceed 75 percent of the total cost of the activity.*

19 *“(2) PUBLIC TARGET RANGE CONSTRUCTION OR*  
20 *EXPANSION.—The Federal share of the cost of acquir-*  
21 *ing land for, expanding, or constructing a public tar-*  
22 *get range in a State on Federal or non-Federal land*  
23 *pursuant to this section or section 8(b) shall not ex-*  
24 *ceed 90 percent of the cost of the activity.”; and*

25 *(C) in subsection (c)(1)—*

1                   (i) by striking “Amounts made” and  
2                   inserting the following:

3                   “(A) *IN GENERAL.*—*Except as provided in*  
4                   *subparagraph (B), amounts made*”; and

5                   (ii) by adding at the end the following:

6                   “(B) *EXCEPTION.*—*Amounts provided for*  
7                   *acquiring land for, constructing, or expanding a*  
8                   *public target range shall remain available for ex-*  
9                   *penditure and obligation during the 5-fiscal-year*  
10                  *period beginning on October 1 of the first fiscal*  
11                  *year for which the amounts are made avail-*  
12                  *able.*”.

13                  (c) *LIMITS ON LIABILITY.*—

14                  (1) *DISCRETIONARY FUNCTION.*—*For purposes of*  
15                  *chapter 171 of title 28, United States Code (com-*  
16                  *monly referred to as the “Federal Tort Claims Act”),*  
17                  *any action by an agent or employee of the United*  
18                  *States to manage or allow the use of Federal land for*  
19                  *purposes of target practice or marksmanship training*  
20                  *by a member of the public shall be considered to be*  
21                  *the exercise or performance of a discretionary func-*  
22                  *tion.*

23                  (2) *CIVIL ACTION OR CLAIMS.*—*Except to the ex-*  
24                  *tent provided in chapter 171 of title 28, United States*  
25                  *Code, the United States shall not be subject to any*

1 *civil action or claim for money damages for any in-*  
2 *jury to or loss of property, personal injury, or death*  
3 *caused by an activity occurring at a public target*  
4 *range that is—*

5 *(A) funded in whole or in part by the Fed-*  
6 *eral Government pursuant to the Pittman-Rob-*  
7 *ertson Wildlife Restoration Act (16 U.S.C. 669 et*  
8 *seq.); or*

9 *(B) located on Federal land.*

10 *(d) SENSE OF CONGRESS REGARDING COOPERA-*  
11 *TION.—It is the sense of Congress that, consistent with ap-*  
12 *plicable laws and regulations, the Chief of the Forest Service*  
13 *and the Director of the Bureau of Land Management should*  
14 *cooperate with State and local authorities and other entities*  
15 *to carry out waste removal and other activities on any Fed-*  
16 *eral land used as a public target range to encourage contin-*  
17 *ued use of that land for target practice or marksmanship*  
18 *training.*

19 *(e) DEFINITION OF PUBLIC TARGET RANGE.—In this*  
20 *section, the term “public target range” means a specific lo-*  
21 *cation that—*

22 *(1) is identified by a governmental agency for*  
23 *recreational shooting;*

24 *(2) is open to the public;*

25 *(3) may be supervised; and*

1           (4) *may accommodate archery or rifle, pistol, or*  
2           *shotgun shooting.*

3 **SEC. 1080. SENSE OF CONGRESS ON ADVERSARY AIR CAPA-**  
4           **BILITIES.**

5           *It is the sense of Congress that each facility of the De-*  
6 *partment of Defense housing an F-22 aircraft squadron*  
7 *should have adversary air capabilities to improve the train-*  
8 *ing of F-22 aircrews.*

9 **SEC. 1081. SENSE OF CONGRESS REGARDING ORGANIC AT-**  
10           **TACK AVIATOR TRAINING CAPABILITY.**

11           *It is the sense of Congress that—*

12           (1) *retaining attack rotary wing aviation assets*  
13 *in the Army National Guard continues to be impor-*  
14 *tant;*

15           (2) *the National Guard should retain organic at-*  
16 *tack aviation training capacity; and*

17           (3) *the Western and Eastern Army Aviation*  
18 *Training Sites have proven invaluable in maintain-*  
19 *ing Army National Guard aviation readiness.*

20 **SEC. 1082. SENSE OF CONGRESS ON THE LEGACY, CON-**  
21           **TRIBUTIONS, AND SACRIFICES OF AMERICAN**  
22           **INDIAN AND ALASKA NATIVES IN THE ARMED**  
23           **FORCES.**

24           (a) *FINDINGS.—Congress finds the following:*

1           (1) *The United States celebrates Native Amer-*  
2           *ican History Month each November to recognize and*  
3           *honor the history and achievements of Native Ameri-*  
4           *cans.*

5           (2) *American Indian and Alaska Natives serve*  
6           *in all branches of the Armed Forces, attend all service*  
7           *academies, and defend our country with valiance,*  
8           *pride, and honor.*

9           (3) *More than 30,000 active duty, reserve, and*  
10          *National Guard members of the Armed Forces iden-*  
11          *tify as Native American.*

12          (4) *American Indian and Alaska Natives have*  
13          *served and continue to serve in the highest propor-*  
14          *tions to population than any other ethnic group.*

15          (5) *American Indian and Alaska Natives have*  
16          *served in every war, from the Revolutionary War to*  
17          *current overseas conflicts.*

18          (6) *Native American veterans are Congressional*  
19          *Medal of Honor, Congressional Gold and Silver Med-*  
20          *als, Purple Heart, and Bronze Star Medal recipients.*

21          (7) *American Indian and Alaska Native women*  
22          *serve in Armed Forces in higher proportions than any*  
23          *other ethnic group.*



1           (8) *Native American Code Talkers and their lan-*  
2 *guages proved an invaluable asset during World Wars*  
3 *I and II.*

4           (9) *Ira Hayes, Akimel O’odham (Pima) helped*  
5 *to raise the American flag on Iwo Jima;*

6           (10) *Dr. Joseph Medicine Crow, Apsáalooke*  
7 *(Crow), served in WWII and became a war chief.*

8           (11) *Numerous present and past military air-*  
9 *craft, helicopters, and munitions programs bear the*  
10 *names of Native American tribes and tribal leaders to*  
11 *honor their legacy of martial prowess, including the*  
12 *Apache, Kiowa, Black Hawk, Lakota, Chinook,*  
13 *Huron, Iroquois, Comanche, Cayuse, Chickasaw, Ute,*  
14 *Gray Eagle, Mescalero, Tomahawk, and more.*

15           (12) *Native American tribes commonly take part*  
16 *in ceremonies alongside military units to bless new*  
17 *aircraft and mark successful inception of new fleets.*

18           (13) *More than 140,000 veterans across the*  
19 *United States identify as Native American.*

20           (14) *Each November, the Department of Defense*  
21 *honors the unique and special relationship with tribal*  
22 *communities during Native American Heritage*  
23 *Month.*

24           (b) *SENSE OF CONGRESS.—It is the sense of Congress*  
25 *that Congress—*

1           (1) *recognizes and honors the legacy and con-*  
2           *tributions of American Indian and Alaska Natives*  
3           *and tribal communities to the military of the United*  
4           *States; and*

5           (2) *commits to ensuring progress for American*  
6           *Indian and Alaska Native members of the Armed*  
7           *Forces and veterans with regard to representation in*  
8           *senior military leadership positions, improving access*  
9           *to culturally competent resources and services, and*  
10          *supporting families and tribal communities.*

11 **SEC. 1083. AMATEUR RADIO PARITY.**

12          (a) *FINDINGS.—Congress finds the following:*

13           (1) *More than 730,000 radio amateurs in the*  
14           *United States are licensed by the Federal Commu-*  
15           *nications Commission in the amateur radio services.*

16           (2) *Amateur radio, at no cost to taxpayers, pro-*  
17           *vides a fertile ground for technical self-training in*  
18           *modern telecommunications, electronics technology,*  
19           *and emergency communications techniques and proto-*  
20           *cols.*

21           (3) *There is a strong Federal interest in the ef-*  
22           *fective performance of amateur stations established at*  
23           *the residences of licensees. Such stations have been*  
24           *shown to be frequently and increasingly precluded by*

1        *unreasonable private land use restrictions, including*  
2        *restrictive covenants.*

3            (4) *Federal Communications Commission regula-*  
4        *tions have for three decades prohibited the application*  
5        *to stations in the amateur service of State and local*  
6        *regulations that preclude or fail to reasonably accom-*  
7        *modate amateur service communications, or that do*  
8        *not constitute the minimum practicable regulation to*  
9        *accomplish a legitimate State or local purpose. Com-*  
10       *mission policy has been and is to require States and*  
11       *localities to permit erection of a station antenna*  
12       *structure at heights and dimensions sufficient to ac-*  
13       *commodate amateur service communications.*

14           (5) *The Commission has sought guidance and di-*  
15        *rection from Congress with respect to the application*  
16        *of the Commission's limited preemption policy re-*  
17        *garding amateur service communications to private*  
18        *land use restrictions, including restrictive covenants.*

19           (6) *There are aesthetic and common property*  
20        *considerations that are uniquely applicable to private*  
21        *land use regulations and the community associations*  
22        *obligated to enforce covenants, conditions, and restric-*  
23        *tions in deed-restricted communities. These consider-*  
24        *ations are dissimilar to those applicable to State law*

1       *and local ordinances regulating the same residential*  
2       *amateur radio facilities.*

3               *(7) In recognition of these considerations, a sepa-*  
4       *rate Federal policy than exists at section 97.15(b) of*  
5       *title 47, Code of Federal Regulations, is warranted*  
6       *concerning amateur service communications in deed-*  
7       *restricted communities.*

8               *(8) Community associations should fairly ad-*  
9       *minister private land use regulations in the interest*  
10       *of their communities, while nevertheless permitting*  
11       *the installation and maintenance of effective outdoor*  
12       *amateur radio antennas. There exist antenna designs*  
13       *and installations that can be consistent with the aes-*  
14       *thetics and physical characteristics of land and struc-*  
15       *tures in community associations while accommo-*  
16       *dating communications in the amateur radio services.*

17       ***(b) APPLICATION OF PRIVATE LAND USE RESTRIC-***  
18       ***TIONS TO AMATEUR STATIONS.—***

19               ***(1) AMENDMENT OF FCC RULES.—****Not later than*  
20       *120 days after the date of the enactment of this Act,*  
21       *the Federal Communications Commission shall*  
22       *amend section 97.15 of title 47, Code of Federal Regu-*  
23       *lations, by adding a new paragraph that prohibits*  
24       *the application to amateur stations of any private*

1       *land use restriction, including a restrictive covenant,*  
2       *that—*

3               *(A) on its face or as applied, precludes com-*  
4               *munications in an amateur radio service;*

5               *(B) fails to permit a licensee in an amateur*  
6               *radio service to install and maintain an effective*  
7               *outdoor antenna on property under the exclusive*  
8               *use or control of the licensee; or*

9               *(C) does not constitute the minimum prac-*  
10              *ticable restriction on such communications to ac-*  
11              *complish the lawful purposes of a community as-*  
12              *sociation seeking to enforce such restriction.*

13              *(2) ADDITIONAL REQUIREMENTS.—In amending*  
14              *its rules as required by subsection (a), the Commis-*  
15              *sion shall—*

16              *(A) require any licensee in an amateur*  
17              *radio service to notify and obtain prior approval*  
18              *from a community association concerning instal-*  
19              *lation of an outdoor antenna;*

20              *(B) permit a community association to pro-*  
21              *hibit installation of any antenna or antenna*  
22              *support structure by a licensee in an amateur*  
23              *radio service on common property not under the*  
24              *exclusive use or control of the licensee; and*

1           (C) subject to the standards specified in  
2 paragraphs (1) and (2) of subsection (a), permit  
3 a community association to establish reasonable  
4 written rules concerning height, location, size,  
5 and aesthetic impact of, and installation require-  
6 ments for, outdoor antennas and support struc-  
7 tures for the purpose of conducting communica-  
8 tions in the amateur radio services.

9           (c) *AFFIRMATION OF LIMITED PREEMPTION OF STATE*  
10 *AND LOCAL LAND USE REGULATION.*—*The Federal Com-*  
11 *munications Commission may not change section 97.15(b)*  
12 *of title 47, Code of Federal Regulations, which shall remain*  
13 *applicable to State and local land use regulation of amateur*  
14 *service communications.*

15           (d) *DEFINITIONS.*—*In this section:*

16           (1) *The term “community association” means*  
17 *any non-profit mandatory membership organization*  
18 *composed of owners of real estate described in a dec-*  
19 *laration of covenants or created pursuant to a cov-*  
20 *enant or other applicable law with respect to which*  
21 *a person, by virtue of the person’s ownership of or in-*  
22 *terest in a unit or parcel, is obligated to pay for a*  
23 *share of real estate taxes, insurance premiums, main-*  
24 *tenance, improvement, services, or other expenses re-*  
25 *lated to common elements, other units, or any other*

1 *real estate other than the unit or parcel described in*  
2 *the declaration.*

3 (2) *The terms “amateur radio services”, “ama-*  
4 *teur service”, and “amateur station” have the mean-*  
5 *ings given such terms in section 97.3 of title 47, Code*  
6 *of Federal Regulations.*

7 **SEC. 1084. SENSE OF CONGRESS REGARDING THE INTER-**  
8 **NATIONAL BORDERS OF THE UNITED STATES.**

9 *It is the sense of Congress that—*

10 (1) *gaining and maintaining situational aware-*  
11 *ness and operational control of the international bor-*  
12 *ders of the United States is critical to national secu-*  
13 *rity;*

14 (2) *the United States Government must devote*  
15 *adequate resources to securing the border, both at, and*  
16 *between, ports of entry, and the agency tasked with*  
17 *that mission, the Department of Homeland Security,*  
18 *should be adequately resourced to conduct such mis-*  
19 *sion; and*

20 (3) *the Department of Defense must ensure that*  
21 *when it acts in support of that mission, such as when*  
22 *mobilized by the President to conduct homeland de-*  
23 *fense activities, or when military facilities are adja-*  
24 *cent to an international border of the United States,*  
25 *it has adequate resources, capabilities, and authorities*





1        *mental organizations that served with, or in support*  
2        *of, the Armed Forces.*

3            (3) *To pay tribute to the contributions made on*  
4        *the home front by the people of the United States dur-*  
5        *ing World War II.*

6            (4) *To recognize the contributions and sacrifices*  
7        *made by the allies of the United States during World*  
8        *War II.*

9            (c) *NAMES AND SYMBOLS.—The Secretary of Defense*  
10       *shall have the sole and exclusive right to use the name “The*  
11       *United States of America 75th Anniversary of World War*  
12       *II Commemoration”, and such seal, emblems, and badges*  
13       *incorporating such name as the Secretary may lawfully*  
14       *adopt. Nothing in this section may be construed to super-*  
15       *sede rights that are established or vested before the date of*  
16       *the enactment of this Act.*

17            (d) *COMMEMORATIVE FUND.—*

18            (1) *ESTABLISHMENT AND ADMINISTRATION.—*  
19        *Upon the Secretary establishing the commemorative*  
20        *program under subsection (a), the Secretary of the*  
21        *Treasury shall establish in the Treasury of the United*  
22        *States an account to be known as the “Department of*  
23        *Defense World War II Commemoration Fund” (in*  
24        *this section referred to as the “Fund”). The Fund*  
25        *shall be administered by the Secretary of Defense.*

1           (2) *USE OF FUND.*—*The Secretary of Defense*  
2           *shall use the assets of the Fund only for the purpose*  
3           *of conducting the commemorative program and pro-*  
4           *viding grants to State and local governments and*  
5           *not-for-profit organizations for commemorative activi-*  
6           *ties, and shall prescribe such regulations regarding*  
7           *the use of the Fund as the Secretary considers to be*  
8           *necessary.*

9           (3) *DEPOSITS.*—*The following shall be deposited*  
10          *into the Fund:*

11                   (A) *Amounts appropriated to the Fund.*

12                   (B) *Proceeds derived from the Secretary's*  
13                   *use of the exclusive rights described in subsection*  
14                   (i).

15                   (C) *Donations made in support of the com-*  
16                   *memorative program by private and corporate*  
17                   *donors.*

18                   (D) *Funds transferred to the Fund by the*  
19                   *Secretary from funds appropriated for fiscal*  
20                   *year 2019 and subsequent years for the Depart-*  
21                   *ment of Defense.*

22           (4) *AVAILABILITY.*—*Subject to subsection (f)(2),*  
23           *amounts deposited under paragraph (3) shall con-*  
24           *stitute the assets of the Fund and remain available*  
25           *until expended.*

1           (5) *BUDGET REQUEST.*—*The Secretary of De-*  
2 *fense may establish a separate budget line for the*  
3 *commemorative program. In the budget justification*  
4 *materials submitted by the Secretary in support of*  
5 *the budget of the President for any fiscal year for*  
6 *which the Secretary establishes the separate budget*  
7 *line, the Secretary shall—*

8                   (A) *identify and explain any amounts ex-*  
9 *pended for the commemorative program in the*  
10 *fiscal year preceding the budget request;*

11                   (B) *identify and explain the amounts being*  
12 *requested to support the commemorative program*  
13 *for the fiscal year of the budget request; and*

14                   (C) *present a summary of the fiscal status*  
15 *of the Fund.*

16 (e) *ACCEPTANCE OF VOLUNTARY SERVICES.*—

17           (1) *AUTHORITY TO ACCEPT SERVICES.*—*Notwith-*  
18 *standing section 1342 of title 31, United States Code,*  
19 *the Secretary of Defense may accept from any person*  
20 *voluntary services to be provided in furtherance of the*  
21 *commemorative program. The Secretary of Defense*  
22 *shall prohibit the solicitation of any voluntary serv-*  
23 *ices if the nature or circumstances of such solicitation*  
24 *would compromise the integrity or the appearance of*

1 *integrity of any program of the Department of De-*  
2 *fense or of any individual involved in the program.*

3 (2) *REIMBURSEMENT OF INCIDENTAL EX-*  
4 *PENSES.—The Secretary may provide for reimburse-*  
5 *ment of incidental expenses incurred by a person pro-*  
6 *viding voluntary services under this subsection. The*  
7 *Secretary shall determine which expenses are eligible*  
8 *for reimbursement under this paragraph.*

9 (f) *FINAL REPORT.—*

10 (1) *REPORT REQUIRED.—Not later than 60 days*  
11 *after the end of the commemorative program estab-*  
12 *lished by the Secretary of Defense under subsection*  
13 *(a), the Secretary shall submit to Congress a report*  
14 *containing an accounting of—*

15 (A) *all of the funds deposited into and ex-*  
16 *pended from the Fund;*

17 (B) *any other funds expended under this*  
18 *section; and*

19 (C) *any unobligated funds remaining in the*  
20 *Fund.*

21 (2) *TREATMENT OF UNOBLIGATED FUNDS.—Un-*  
22 *obligated amounts remaining in the Fund as of the*  
23 *end of the commemorative period shall be held in the*  
24 *Fund until transferred by law.*



1           “(1) *Any position involved with Department*  
2           *maintenance activities, including depot-level mainte-*  
3           *nance and repair.*

4           “(2) *Any position involved with cybersecurity.*

5           “(3) *Any individual in the acquisition workforce*  
6           *that manages any services contracts necessary to the*  
7           *operation and maintenance of programs of the De-*  
8           *partment.*

9           “(4) *Any science, technology, or engineering po-*  
10          *sition, including any such position at the Major*  
11          *Range and Test Facilities Base, in order to allow de-*  
12          *velopment of new systems and provide for the mainte-*  
13          *nance of legacy systems.*

14          “(b) *SUNSET.—Effective on September 30, 2025, the*  
15          *authority provided under subsection (a) shall expire.”.*

16          “(b) *CLERICAL AMENDMENT.—The table of sections at*  
17          *the beginning of chapter 99 of such title is amended by in-*  
18          *serting after the item relating to section 9904 the following*  
19          *new item:*

          “9905. *Direct hire authority for certain personnel of the Department of Defense.”.*

1 **SEC. 1102. MODIFICATION OF DIRECT HIRE AUTHORITY FOR**  
2 **THE DEPARTMENT OF DEFENSE FOR POST-**  
3 **SECONDARY STUDENTS AND RECENT GRAD-**  
4 **UATES.**

5 (a) *IN GENERAL.*—Chapter 99 of title 5, United States  
6 Code, as amended by section 1101(a), is further amended  
7 by adding at the end the following:

8 **“§9906. Direct hire authority for the Department of**  
9 **Defense for post-secondary students and**  
10 **recent graduates**

11 “(a) *IN GENERAL.*—Without regard to sections 3309  
12 through 3318, 3327, and 3330, the Secretary of Defense may  
13 recruit and appoint qualified recent graduates and current  
14 post-secondary students to competitive service positions in  
15 professional and administrative occupations within the De-  
16 partment of Defense.

17 “(b) *REGULATIONS.*—

18 “(1) *IN GENERAL.*—The Secretary shall admin-  
19 ister this section in accordance with regulations pre-  
20 scribed by the Secretary for purposes of this section.

21 “(2) *PUBLIC NOTICE AND ADVERTISING.*—To the  
22 extent practical, as determined by the Secretary, the  
23 Secretary shall publicly advertise positions available  
24 under this section. In carrying out the preceding sen-  
25 tence, the Secretary shall—

1           “(A) take into account merit system prin-  
2           ciples, mission requirements, costs, and organiza-  
3           tional benefits of any advertising of positions;  
4           and

5           “(B) advertise such positions in the manner  
6           the Secretary determines is most likely to pro-  
7           vide diverse and qualified candidates and ensure  
8           potential applicants have appropriate informa-  
9           tion relevant to the positions available.

10          “(c) *DEFINITIONS.*—*In this section—*

11           “(1) the term ‘current post-secondary student’  
12          means a person who—

13           “(A) is currently enrolled in, and in good  
14           academic standing at, a full-time program at an  
15           institution of higher education;

16           “(B) is making satisfactory progress toward  
17           receipt of a baccalaureate or graduate degree;  
18           and

19           “(C) has completed at least one year of the  
20           program;

21           “(2) the term ‘institution of higher education’  
22          has the meaning given the term in section 101 of the  
23          Higher Education Act of 1965 (20 U.S.C. 1001); and

24           “(3) the term ‘recent graduate’, with respect to  
25          appointment of a person under this section, means a



1        *person who was awarded a degree by an institution*  
2        *of higher education not more than two years before*  
3        *the date of the appointment of such person, except*  
4        *that in the case of a person who has completed a pe-*  
5        *riod of obligated service in a uniformed service of*  
6        *more than four years, such term means a person who*  
7        *was awarded a degree by an institution of higher edu-*  
8        *cation not more than four years before the date of the*  
9        *appointment of such person.*

10        *“(d) SUNSET.—Effective on September 30, 2025, the*  
11        *authority provided under this section shall expire.”.*

12        *(b) CLERICAL AMENDMENT.—The table of sections at*  
13        *the beginning of chapter 99 of such title, as amended by*  
14        *section 1101(b), is further amended by inserting after the*  
15        *item relating to section 9905 the following new item:*

*“9906. Direct hire authority for the Department of Defense for post-secondary stu-*  
*dents and recent graduates.”.*

16        *(c) REPEAL.—Section 1106 of the National Defense*  
17        *Authorization Act for Fiscal Year 2017 (Public Law 114–*  
18        *328) is repealed.*

1 **SEC. 1103. EXTENSION OF OVERTIME RATE AUTHORITY FOR**  
2 **DEPARTMENT OF THE NAVY EMPLOYEES PER-**  
3 **FORMING WORK ABOARD OR DOCKSIDE IN**  
4 **SUPPORT OF THE NUCLEAR-POWERED AIR-**  
5 **CRAFT CARRIER FORWARD DEPLOYED IN**  
6 **JAPAN.**

7 *Section 5542(a)(6)(B) of title 5, United States Code,*  
8 *is amended by striking “September 30, 2019” and inserting*  
9 *“September 30, 2021”.*

10 **SEC. 1104. ONE-YEAR EXTENSION AND EXPANSION OF AU-**  
11 **THORITY TO WAIVE ANNUAL LIMITATION ON**  
12 **PREMIUM PAY AND AGGREGATE LIMITATION**  
13 **ON PAY FOR FEDERAL CIVILIAN EMPLOYEES**  
14 **WORKING OVERSEAS.**

15 *(a) IN GENERAL.—Section 1101(a) of the Duncan*  
16 *Hunter National Defense Authorization Act for Fiscal Year*  
17 *2009 (Public Law 110–417; 122 Stat. 4615), as most re-*  
18 *cently amended by section 1105 of the National Defense Au-*  
19 *thorization Act for Fiscal Year 2018 (Public Law 115–91),*  
20 *is amended by striking “through 2018” and inserting*  
21 *“through 2019”.*

22 *(b) APPLICABILITY OF AGGREGATE LIMITATION ON*  
23 *PAY.—Section 1101(b) of the Duncan Hunter National De-*  
24 *fense Authorization Act for Fiscal Year 2009 (Public Law*  
25 *110–417; 122 Stat. 4615) is amended to read as follows:*

1       “(b) *APPLICABILITY OF AGGREGATE LIMITATION ON*  
2 *PAY.*—*In applying section 5307 of title 5, United States*  
3 *Code, any payment in addition to basic pay for a period*  
4 *of time during which a waiver under subsection (a) is in*  
5 *effect shall not be counted as part of an employee’s aggregate*  
6 *compensation for the given calendar year.”.*

7       (c) *EFFECTIVE DATE.*—*This section and the amend-*  
8 *ments made by this section shall take effect on January 1,*  
9 *2019.*

10 **SEC. 1105. APPOINTMENT OF RETIRED MEMBERS OF THE**  
11 **ARMED FORCES TO POSITIONS IN OR UNDER**  
12 **THE DEPARTMENT OF DEFENSE.**

13       (a) *IN GENERAL.*—*During fiscal years 2018 through*  
14 *2021, in addition to the authority provided under para-*  
15 *graphs (1) and (2) of subsection (b) of section 3326 of title*  
16 *5, United States Code, and consistent with the requirements*  
17 *of such section, a retired member of the armed forces may*  
18 *be appointed under such subsection if—*

19               (1) *the Department of Defense (including a non-*  
20 *appropriated fund instrumentality under the jurisdic-*  
21 *tion of the armed forces) has been granted direct hire*  
22 *authority to fill the position;*

23               (2) *the appointment is to fill an emergency ap-*  
24 *pointment for which the Secretary concerned or his*  
25 *designee for the purpose determines competitive ap-*

1        *pointment is not appropriate or reasonable due to the*  
2        *need to fill the emergency need as quickly as possible;*  
3        *or*

4                *(3) the appointment is for a highly qualified ex-*  
5        *pert under section 9903 of such title.*

6        *(b) BRIEFING.—Not later than 90 days after the end*  
7        *of each of fiscal years 2018 through 2021, the Secretary of*  
8        *Defense shall provide a briefing to the Committee on Armed*  
9        *Services of the House of Representatives and the Committee*  
10       *on Oversight and Government Reform of the House of Rep-*  
11       *resentatives including—*

12                *(1) with respect to the waiver process under sec-*  
13        *tion 3326(b)(1) of title 5, United States Code—*

14                        *(A) the number of individuals appointed*  
15        *during the most recently ended fiscal year under*  
16        *such process; and*

17                        *(B) the Department of Defense’s plan on the*  
18        *use of such process during the fiscal year in*  
19        *which the briefing is provided;*

20                *(2) the number of individuals—*

21                        *(A) appointed under the authority provided*  
22        *by subsection (a) during the most recently ended*  
23        *fiscal year; and*

1           (B) expected to be appointed under such  
2           subsection during the fiscal year in which the  
3           briefing is provided; and

4           (3) the impact of subsection (a) on the manage-  
5           ment of the Department civilian workforce during the  
6           most recently ended fiscal year.

7 **SEC. 1106. EXTENSION OF AUTHORITY TO CONDUCT**  
8           **TELEWORK TRAVEL EXPENSES TEST PRO-**  
9           **GRAMS.**

10          (a) *IN GENERAL.*—Section 5711(g) of title 5, United  
11 States Code, is amended by striking “7 years after the date  
12 of the enactment of the Telework Enhancement Act of 2010”  
13 and inserting “on December 31, 2020”.

14          (b) *EFFECTIVE DATE.*—The amendment made by sub-  
15 section (a) shall take effect as though enacted on December  
16 1, 2017.

17 **SEC. 1107. PERSONNEL DEMONSTRATION PROJECTS.**

18          Section 4703 of title 5, United States Code, is amend-  
19 ed—

20               (1) in subsection (d), by striking paragraph (2)  
21 and inserting the following:

22               “(2)(A) Except as provided in subparagraph (B), not  
23 more than 10 active demonstration projects may be in effect  
24 at any time.

1       “(B) Any demonstration project authorized under this  
2 section that is active for a period greater than 10 years  
3 shall not count for purposes of applying the limitation in  
4 subparagraph (A).”; and

5               (2) by adding at the end the following:

6       “(j) Each agency at which a demonstration project is  
7 ongoing shall submit an annual report to the Office of Per-  
8 sonnel Management, the Office and Management and Budg-  
9 et, the Committee on Homeland Security and Governmental  
10 Affairs of the United States Senate, and the Committee on  
11 Oversight and Government Reform of the United States  
12 House of Representatives that includes—

13               “(1) the aggregate performance appraisal ratings  
14 and compensation costs for employees under a dem-  
15 onstration project;

16               “(2) an assessment of the results of the dem-  
17 onstration project, including its impact on mission  
18 goals, employee recruitment, retention, and satisfac-  
19 tion, and which may include the results of the survey  
20 authorized under section 1128 of the National Defense  
21 Authorization Act for Fiscal Year 2004 (Public Law  
22 108–136; 5 U.S.C. 7101 note), commonly referred to  
23 as the Federal Employee Viewpoint Survey, and per-  
24 formance management for employees; and

1           “(3) a comparison of the items listed in (1) and  
2           (2) with employees not covered by the demonstration  
3           project.”.

4 **SEC. 1108. EXPANDED FLEXIBILITY IN SELECTING CAN-**  
5 **DIDATES FROM REFERRAL LISTS.**

6           (a) *EXPANDED FLEXIBILITY.*—Subchapter I of chapter  
7 33 of title 5, United States Code, is amended by striking  
8 sections 3317 and 3318 and inserting the following:

9 **“§3317. Competitive service; certification using nu-**  
10 **merical ratings**

11           “(a) *CERTIFICATION.*—

12           “(1) *IN GENERAL.*—The Director of the Office of  
13 Personnel Management, or the head of an agency to  
14 which the Director has delegated examining authority  
15 under section 1104(a)(2), shall certify a sufficient  
16 number of names from the top of the appropriate reg-  
17 ister or list of eligibles, as determined pursuant to  
18 regulations prescribed under subsection (c), and pro-  
19 vide a certificate with such names to an appointing  
20 authority that has requested a certificate of eligibles  
21 to consider when filling a job in the competitive serv-  
22 ice.

23           “(2) *MINIMUM NUMBER OF NAMES CERTIFIED.*—  
24 Unless otherwise provided for in regulations pre-  
25 scribed under subsection (c), the number of names cer-





1 *made to, and sustained by, the Director of the Office of Per-*  
2 *sonnel Management or the head of an agency to which the*  
3 *Director has delegated examining authority under section*  
4 *1104(a)(2), for proper and adequate reason under regula-*  
5 *tions prescribed by the Director.*

6 “(b) *OTHER APPOINTING AUTHORITIES.*—

7 “(1) *IN GENERAL.*—During the 240-day period  
8 beginning on the date of issuance of a certificate of  
9 eligibles under section 3317(a), an appointing author-  
10 ity other than the appointing authority requesting the  
11 certificate (in this subsection referred to as the ‘other  
12 appointing authority’) may select an individual from  
13 that certificate in accordance with this subsection for  
14 an appointment to a position that is—

15 “(A) *in the same occupational series as the*  
16 *position for which the certification of eligibles*  
17 *was issued (in this subsection referred to as the*  
18 *‘original position’); and*

19 “(B) *at a similar grade level as the original*  
20 *position.*

21 “(2) *APPLICABILITY.*—An appointing authority  
22 requesting a certificate of eligibles may share the cer-  
23 tificate with another appointing authority only if the  
24 announcement of the original position provided notice

1 *that the resulting list of eligible candidates may be*  
2 *used by another appointing authority.*

3 “(3) *REQUIREMENTS.*—*The selection of an indi-*  
4 *vidual under paragraph (1)—*

5 “(A) *shall be made in accordance with sub-*  
6 *section (a); and*

7 “(B) *subject to paragraph (4), may be made*  
8 *without any additional posting under section*  
9 *3327.*

10 “(4) *INTERNAL NOTICE.*—*Before selecting an in-*  
11 *dividual under paragraph (1), the other appointing*  
12 *authority shall—*

13 “(A) *provide notice of the available position*  
14 *to employees of the other appointing authority;*

15 “(B) *provide up to 10 business days for em-*  
16 *ployees of the other appointing authority to*  
17 *apply for the position; and*

18 “(C) *review the qualifications of employees*  
19 *submitting an application.*

20 “(c) *PASS OVER.*—

21 “(1) *IN GENERAL.*—*Subject to subparagraph (2),*  
22 *if an appointing authority proposes to pass over a*  
23 *preference eligible certified for appointment under*  
24 *subsection (a) and select an individual who is not a*  
25 *preference eligible, the appointing authority shall file*

1 *written reasons with the Director or the head of the*  
2 *agency for passing over the preference eligible. The*  
3 *Director or the head of the agency shall make the rea-*  
4 *sons presented by the appointing authority part of the*  
5 *record of the preference eligible and may require the*  
6 *submission of more detailed information from the ap-*  
7 *pointing authority in support of the passing over of*  
8 *the preference eligible. The Director or the head of the*  
9 *agency shall determine the sufficiency or insufficiency*  
10 *of the reasons submitted by the appointing authority,*  
11 *taking into account any response received from the*  
12 *preference eligible under paragraph (2). When the Di-*  
13 *rector or the head of the agency has completed review*  
14 *of the proposed pass-over of the preference eligible, the*  
15 *Director or the head of the agency shall send its find-*  
16 *ings to the appointing authority and to the preference*  
17 *eligible. The appointing authority shall comply with*  
18 *the findings.*

19 *“(2) PREFERENCE ELIGIBLE INDIVIDUALS WHO*  
20 *HAVE A COMPENSABLE SERVICE-CONNECTED DIS-*  
21 *ABILITY.—In the case of a preference eligible described*  
22 *in section 2108(3)(C) who has a compensable service-*  
23 *connected disability of 30 percent or more, the ap-*  
24 *pointing authority shall notify the Director under*  
25 *paragraph (1) and, at the same time, notify the pref-*

1        *erence eligible of the proposed pass-over, of the reasons*  
2        *for the proposed pass-over, and of the individual's*  
3        *right to respond to those reasons to the Director with-*  
4        *in 15 days of the date of the notification. The Direc-*  
5        *tor shall, before completing the review under para-*  
6        *graph (1), require a demonstration by the appointing*  
7        *authority that the notification was timely sent to the*  
8        *preference eligible's last known address.*

9            *“(3) FURTHER CONSIDERATION NOT RE-*  
10        *QUIRED.—When a preference eligible, for reasons con-*  
11        *sidered sufficient by the Director, or in the case of a*  
12        *preference eligible described in paragraph (1), by the*  
13        *head of an agency, has been passed over in accordance*  
14        *with this subsection for the same position, the ap-*  
15        *pointing authority is not required to give further con-*  
16        *sideration to that preference eligible while selecting*  
17        *from the same list for a subsequent appointment to*  
18        *such position.*

19            *“(4) DELEGATION PROHIBITION.—In the case of*  
20        *a preference eligible described in paragraph (2), the*  
21        *functions of the Director under this subsection may*  
22        *not be delegated to an individual who is not an offi-*  
23        *cer or employee of the Office of Personnel Manage-*  
24        *ment.*

1       “(d) *SPECIAL RULE REGARDING REEMPLOYMENT*  
2 *LISTS.*—When the names of preference eligibles are on a  
3 *reemployment list appropriate for the position to be filled,*  
4 *an appointing authority may appoint from a register of*  
5 *eligibles established after examination only an individual*  
6 *who qualifies as a preference eligible under subparagraph*  
7 *(C), (D), (E), (F), or (G) of section 2108(3).*

8       “(e) *CONSIDERATION NOT REQUIRED.*—In accordance  
9 *with regulations prescribed by the Director, an appointing*  
10 *officer is not required to consider an eligible who has been*  
11 *considered by the appointing officer for three separate ap-*  
12 *pointments from the same or different certificates for the*  
13 *same position.*

14       “(f) *REGULATIONS.*—The Director shall prescribe reg-  
15 *ulations for the administration of this section.*

16       “(d) *DEFINITION.*—In this section, the term ‘Director’  
17 *means the Director of the Office of Personnel Manage-*  
18 *ment.’.*

19       (b) *CONFORMING AMENDMENTS.*—Such subchapter is  
20 *further amended—*

21               (1) *in section 3319—*

22                       (A) *by amending the section heading to*  
23                       *read as follows:*

1 **“§ 3319. Competitive service; selection using category**  
2 **rating”**; and

3 (B) in subsection (c), by striking paragraph  
4 (6), redesignating paragraph (7) as paragraph  
5 (6), and amending paragraph (6) (as so redesign-  
6 ated) to read as follows:

7 “(6) PREFERENCE ELIGIBLES.—

8 “(A) SATISFACTION OF CERTAIN REQUIRE-  
9 MENTS.—Notwithstanding paragraphs (1) and  
10 (2), an appointing official may not pass over a  
11 preference eligible in the same category from  
12 which selection is made, unless the requirements  
13 of sections 3317(b) and 3318(c), as applicable,  
14 are satisfied.

15 “(B) FURTHER CONSIDERATION NOT RE-  
16 QUIRED.—When a preference eligible, for reasons  
17 considered sufficient by the Director, or in the  
18 case of a preference eligible described in section  
19 3318(c)(1), by the head of an agency, has been  
20 passed over in accordance with section 3318(c)  
21 for the same position, the appointing authority  
22 is not required to give further consideration to  
23 that preference eligible while selecting from the  
24 same list for a subsequent appointment to such  
25 position.

1           “(C) *LIST OF ELIGIBLES ISSUED FROM A*  
 2           *STANDING REGISTER; DISCONTINUATION OF CER-*  
 3           *TIFICATION.—In the case of lists of eligibles*  
 4           *issued from a standing register, when an ap-*  
 5           *pointing authority, for reasons considered suffi-*  
 6           *cient by the Director or the head of an agency,*  
 7           *has three times considered and passed over a*  
 8           *preference eligible who was certified from a reg-*  
 9           *ister, certification of the preference eligible for*  
 10           *appointment may be discontinued. However, the*  
 11           *preference eligible is entitled to advance notice of*  
 12           *discontinuance of certification in accordance*  
 13           *with regulations prescribed by the Director.”;*  
 14           *and*

15           (2) *in the first sentence of section 3320, by strik-*  
 16           *ing “sections 3308–3318” and inserting “sections*  
 17           *3308 through 3319”.*

18           (c) *CLERICAL AMENDMENT.—The table of sections at*  
 19           *the beginning of such chapter is amended by striking the*  
 20           *items relating to sections 3317, 3318, and 3319 and insert-*  
 21           *ing the following:*

          “3317. *Competitive service; certification using numerical ratings*

          “3318. *Competitive service; selection using numerical ratings*

          “3319. *Competitive service; selection using category rating”.*

22           (d) *EFFECTIVE DATE.—*

23           (1) *IN GENERAL.—The amendments made by*  
 24           *this section shall take effect on the date on which the*

1        *Director of the Office of Personnel Management issues*  
2        *final regulations to implement sections 3317, 3318,*  
3        *and 3319 of title 5, United States Code, as amended*  
4        *or added by this section.*

5            (2) *REGULATIONS REQUIRED.—The Director*  
6        *shall issue regulations under paragraph (1) not later*  
7        *than one year after the date of enactment of this sec-*  
8        *tion.*

9        **SEC. 1109. TEMPORARY AND TERM APPOINTMENTS IN THE**  
10            **COMPETITIVE SERVICE.**

11            (a) *TEMPORARY AND TERM APPOINTMENTS.—Sub-*  
12        *chapter I of chapter 31 of title 5, United States Code, is*  
13        *amended by adding at the end the following:*

14        **“§ 3115. Temporary and term appointments**

15            “(a) *DEFINITIONS.—In this section:*

16                    “(1) *DIRECTOR.—The term ‘Director’ means the*  
17        *Director of the Office of Personnel Management.*

18                    “(2) *TEMPORARY APPOINTMENT.—The term*  
19        *‘temporary appointment’ means an appointment in*  
20        *the competitive service for a period of not more than*  
21        *1 year.*

22                    “(3) *TERM APPOINTMENT.—The term ‘term ap-*  
23        *pointment’ means an appointment in the competitive*  
24        *service for a period of more than 1 year and not more*  
25        *than 5 years.*



1       “(b) *APPOINTMENT.*—

2               “(1) *IN GENERAL.*—*The head of an Executive*  
3       *agency may make a temporary appointment or term*  
4       *appointment to a position in the competitive service*  
5       *when the need for the services of the employee services*  
6       *is not permanent.*

7               “(2) *EXTENSION.*—*Under conditions prescribed*  
8       *by the Director, the head of an Executive agency*  
9       *may—*

10               “(A) *extend a temporary appointment made*  
11       *under paragraph (1) in increments of not more*  
12       *than 1 year, up to a maximum of 3 total years*  
13       *of service; and*

14               “(B) *extend a term appointment made*  
15       *under paragraph (1) in increments determined*  
16       *appropriate by the head of the Executive agency,*  
17       *up to a maximum of 6 total years of service.*

18       “(c) *APPOINTMENTS FOR CRITICAL HIRING NEEDS.*—  
19       *Under conditions prescribed by the Director, the head of*  
20       *an Executive agency may make a noncompetitive tem-*  
21       *porary appointment, or a noncompetitive term appoint-*  
22       *ment for a period of not more than 18 months, to a position*  
23       *in the competitive service for which a critical hiring need*  
24       *exists, without regard to the requirements of sections 3327*

1 *and 3330. An appointment made under this subsection may*  
2 *not be extended.*

3       “(d) *REGULATIONS.—The Director may prescribe reg-*  
4 *ulations to carry out this section, but is not required to*  
5 *promulgate regulations prior to implementation of this sec-*  
6 *tion.*

7       “(e) *SPECIAL PROVISION REGARDING THE DEPART-*  
8 *MENT OF DEFENSE.—Nothing in this section shall preclude*  
9 *the Secretary of Defense from making temporary and term*  
10 *appointments in the competitive service pursuant to section*  
11 *1105 of the National Defense Authorization Act for Fiscal*  
12 *Year 2017 (10 U.S.C. note prec. 1580; Public Law 114-*  
13 *328; 130 Stat. 2447), and any regulations prescribed by*  
14 *the Director for the administration of this section shall not*  
15 *apply to the Secretary of Defense in the exercise of the au-*  
16 *thorities granted under such section 1105.”.*

17       “(b) *CLERICAL AMENDMENT.—The table of sections for*  
18 *chapter 31 of title 5, United States Code, is amended by*  
19 *inserting after the item relating to section 3114 the fol-*  
20 *lowing: .*

*“3115. Temporary and term appointments”.*

1 **TITLE XII—MATTERS RELATING**  
2 **TO FOREIGN NATIONS**  
3 **Subtitle A—Assistance and**  
4 **Training**

5 **SEC. 1201. REPORT ON THE USE OF SECURITY COOPERA-**  
6 **TION AUTHORITIES.**

7 (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
8 *that the Secretary of Defense should utilize appropriate se-*  
9 *curity cooperation authorities to counter malign influence*  
10 *campaigns that are directed at allied and partner countries*  
11 *and that pose a significant threat to the national security*  
12 *of the United States.*

13 (b) *REPORT ON FUNDING.*—*The Secretary of Defense*  
14 *shall include with the consolidated budget materials sub-*  
15 *mitted to Congress as required by section 381 of title 10,*  
16 *United States Code, for fiscal year 2020, and for each subse-*  
17 *quent fiscal year through fiscal year 2025, a report on the*  
18 *use of security cooperation funding to counter the malign*  
19 *influence directed at allied and partner countries and that*  
20 *pose a significant threat to the national security of the*  
21 *United States.*

1 **SEC. 1202. CLARIFICATION OF AUTHORITY TO WAIVE CER-**  
2 **TAIN EXPENSES FOR ACTIVITIES OF THE RE-**  
3 **GIONAL CENTERS FOR SECURITY STUDIES.**

4 *Section 342 of title 10, United States Code, is amend-*  
5 *ed—*

6 (1) *in subsection (f)(3)—*

7 (A) *in subparagraph (A) in the first sen-*  
8 *tence, by inserting “, including travel, transpor-*  
9 *tation, and subsistence expenses,” after “activi-*  
10 *ties of the Regional Centers”;* and

11 (B) *in subparagraph (B)(i), by inserting “,*  
12 *including travel, transportation, and subsistence*  
13 *expenses,” after “activities of the Regional Cen-*  
14 *ters”;*

15 (2) *in subsection (h)(3)(A), by inserting “, in-*  
16 *cluding travel, transportation, and subsistence ex-*  
17 *periences,” after “Marshall Center”;* and

18 (3) *in subsection (i)(1), by inserting “, including*  
19 *travel, transportation, and subsistence expenses,”*  
20 *after “Daniel K. Inouye Center for Security Studies”.*

21 **SEC. 1203. NATO STRATEGIC COMMUNICATIONS CENTER OF**  
22 **EXCELLENCE.**

23 (a) *AUTHORIZATION.—The Secretary of Defense shall*  
24 *provide funds for the NATO Strategic Communications*  
25 *Center of Excellence (in this section referred to as the “Cen-*  
26 *ter”)* to—

1           (1) *enhance the ability of military forces and ci-*  
2           *vilian personnel of the countries participating in the*  
3           *Center to engage in joint strategic communications*  
4           *exercises or coalition or international military oper-*  
5           *ations; and*

6           (2) *improve interoperability between the armed*  
7           *forces and the military forces of friendly foreign na-*  
8           *tions in the areas of strategic communications.*

9           (b) *CERTIFICATION.*—*Not later than 180 days after the*  
10          *date of the enactment of this Act, the Secretary of Defense*  
11          *shall certify to the Committees on Armed Services of the*  
12          *House of Representatives and the Senate that the Secretary*  
13          *has assigned executive agent responsibility for the Center*  
14          *to an appropriate organization within the Department of*  
15          *Defense, and detail the steps being undertaken to strengthen*  
16          *the role of the Center in fostering strategic communications*  
17          *and information operations within NATO.*

18          (c) *BRIEFING REQUIREMENT.*—*The Secretary of De-*  
19          *fense shall periodically brief the Committee on Armed Serv-*  
20          *ices and the Committee on Foreign Relations of the Senate*  
21          *and the Committee on Armed Services and the Committee*  
22          *on Foreign Affairs of the House of Representatives on the*  
23          *efforts of the Department of Defense to strengthen the role*  
24          *of the Center in fostering strategic communications and in-*  
25          *formation operations within NATO.*

1 **SEC. 1204. NATO COOPERATIVE CYBER DEFENSE CENTER**  
2 **OF EXCELLENCE.**

3 (a) *AUTHORIZATION.*—*The Secretary of Defense shall*  
4 *provide funds for the NATO Cooperative Cyber Defense*  
5 *Center of Excellence (in this section referred to as the “Cen-*  
6 *ter”)* to—

7 (1) *enhance the ability of military forces and ci-*  
8 *vilian personnel of the countries participating in the*  
9 *Center to engage in joint cyber exercises or coalition*  
10 *or international military operations; and*

11 (2) *improve interoperability between the armed*  
12 *forces and the military forces of friendly foreign coun-*  
13 *tries in the areas of cyber and cybersecurity.*

14 (b) *CERTIFICATION.*—*Not later than 180 days after the*  
15 *date of the enactment of this Act, the Secretary of Defense*  
16 *shall certify to the Committees on Armed Services of the*  
17 *House of Representatives and the Senate that the Secretary*  
18 *has assigned executive agent responsibilities for the Center*  
19 *to an appropriate organization within the Department of*  
20 *Defense, and detail the steps being undertaken to strengthen*  
21 *the role of the Center in fostering cyber defense and cyber*  
22 *warfare capabilities within NATO.*

23 (c) *BRIEFING REQUIREMENT.*—*The Secretary of De-*  
24 *fense shall periodically brief the Committee on Armed Serv-*  
25 *ices and the Committee on Foreign Relations of the Senate*  
26 *and the Committee on Armed Services and the Committee*

1 *on Foreign Affairs of the House of Representatives on the*  
2 *efforts of the Department of Defense to strengthen the role*  
3 *of the Center in fostering cyber defense and cyber warfare*  
4 *capabilities within NATO.*

5 **SEC. 1205. PARTICIPATION IN AND SUPPORT OF THE INTER-**  
6 **AMERICAN DEFENSE COLLEGE.**

7 *(a) IN GENERAL.—Subchapter V of chapter 16 of title*  
8 *10, United States Code, is amended by adding at the end*  
9 *the following new section:*

10 **“§ 351. Inter-American Defense College**

11 *“(a) AUTHORITY TO SUPPORT.—The Secretary of De-*  
12 *fense may authorize members of the armed forces and civil-*  
13 *ian personnel of the Department of Defense to participate*  
14 *in the operation of and the provision of support to the Inter-*  
15 *American Defense College and provide logistic support, sup-*  
16 *plies, and services to the Inter-American Defense College,*  
17 *including the use of Department of Defense facilities and*  
18 *equipment, as the Secretary considers necessary to—*

19 *“(1) assist the Inter-American Defense College in*  
20 *its mission to develop and offer to military officers*  
21 *and civilian officials from member states of the Orga-*  
22 *nization of American States advanced academic*  
23 *courses on matters related to military and defense*  
24 *issues, the inter-American system, and related dis-*  
25 *ciplines; and*

1           “(2) ensure that the Inter-American Defense Col-  
2           lege provides an academic program of a level of qual-  
3           ity, rigor, and credibility that is commensurate with  
4           the standards of Department of Defense senior service  
5           colleges and that includes the promotion of security  
6           cooperation, human rights, humanitarian assistance  
7           and disaster response, peacekeeping, and democracy  
8           in the Western Hemisphere.

9           “(b) MEMORANDUM OF UNDERSTANDING.—(1) The  
10          Secretary of Defense, with the concurrence of the Secretary  
11          of State, shall enter into a memorandum of understanding  
12          with the Inter-American Defense Board for the participa-  
13          tion of members of the armed forces and civilian personnel  
14          of the Department of Defense in the operation of and provi-  
15          sion of host nation support to the Inter-American Defense  
16          College under subsection (a).

17                 “(2) If Department of Defense facilities, equip-  
18          ment, or funds will be used to support the Inter-  
19          American Defense College under subsection (a), a  
20          memorandum of understanding entered into under  
21          paragraph (1) shall include a description of any cost-  
22          sharing arrangement or other funding arrangement  
23          relating to the use of such facilities, equipment, or  
24          funds.



1           “(3) *A memorandum of understanding entered*  
2           *into under paragraph (1) shall also include a cur-*  
3           *riculum and a plan for academic program develop-*  
4           *ment.*

5           “(c) *USE OF FUNDS.—(1) Funds appropriated to the*  
6           *Department of Defense for operation and maintenance may*  
7           *be used to pay costs that the Secretary determines are nec-*  
8           *essary for the participation of members of the armed forces*  
9           *and civilian personnel of the Department of Defense in the*  
10          *operation of and provision of host nation support to the*  
11          *Inter-American Defense College, including—*

12                   “(A) *the costs of expenses of such partici-*  
13                   *pants;*

14                   “(B) *the cost of hiring and retaining quali-*  
15                   *fied professors, instructors, and lecturers;*

16                   “(C) *curriculum support costs, including*  
17                   *administrative costs, academic outreach, and*  
18                   *curriculum support personnel;*

19                   “(D) *the cost of translation and interpreta-*  
20                   *tion services;*

21                   “(E) *the cost of information and edu-*  
22                   *cational technology;*

23                   “(F) *the cost of utilities; and*

24                   “(G) *the cost of maintenance and repair of*  
25                   *facilities.*

1           “(2) *No funds may be used under this section to*  
2           *provide for the pay of members of the armed forces or*  
3           *civilian personnel of the Department of Defense who*  
4           *participate in the operation of and the provision of*  
5           *host nation support to the Inter-American Defense*  
6           *College under this section.*

7           “(3) *Funds available to carry out this section for*  
8           *a fiscal year may be used for activities that begin in*  
9           *such fiscal year and end in the next fiscal year.*

10          “(d) *WAIVER OF REIMBURSEMENT.—The Secretary of*  
11          *Defense may waive reimbursement for developing countries*  
12          *(as such term is defined in section 301 of this title) of the*  
13          *costs of funding and other host nation support provided to*  
14          *the Inter-American Defense College under this section if the*  
15          *Secretary determines that the provision of such funding or*  
16          *support without reimbursement is in the national security*  
17          *interest of the United States.*

18          “(e) *LOGISTIC SUPPORT, SUPPLIES, AND SERVICES*  
19          *DEFINED.—In this section, the term ‘logistic support, sup-*  
20          *plies, and services’ has the meaning given that term in sec-*  
21          *tion 2350 of this title.”.*

22          “(b) *CLERICAL AMENDMENT.—The table of sections at*  
23          *the beginning of subchapter V of chapter 16 of such title*  
24          *is amended by adding at the end the following new item:*

“Sec. 351. *Inter-American Defense College.*”.

1 **SEC. 1206. INCREASE IN COST LIMITATION FOR SMALL**  
2 **SCALE CONSTRUCTION RELATED TO SECU-**  
3 **RITY COOPERATION.**

4 *Section 301(8) of title 10, United States Code, is*  
5 *amended by striking “\$750,000” and inserting*  
6 *“\$2,000,000”.*

7 **SEC. 1207. REPORT ON SECURITY COOPERATION WITH**  
8 **HAITI.**

9 *Not later than 90 days after the date of the enactment*  
10 *of this Act, and every 180 days thereafter for 3 years, the*  
11 *Secretary of Defense, with the concurrence of the Secretary*  
12 *of State, shall submit to the appropriate committees of Con-*  
13 *gress (as such term is defined in section 301 of title 10,*  
14 *United States Code) a report on cooperation between the*  
15 *Department of Defense and the Government of Haiti.*

16 **SEC. 1208. REVIEW AND REPORT ON PROCESSES AND PRO-**  
17 **CEDURES USED TO CARRY OUT SECTION 362**  
18 **OF TITLE 10, UNITED STATES CODE.**

19 *(a) REVIEW.—The Secretary of Defense, with the con-*  
20 *currency of the Secretary of State, shall conduct a review*  
21 *of the processes and procedures used to carry out section*  
22 *362 of title 10, United States Code.*

23 *(b) REPORT.—*

24 *(1) IN GENERAL.—Not later than 180 days after*  
25 *the date of the enactment of this Act, the Secretary of*  
26 *Defense, with the concurrence of the Secretary of*

1        *State, shall submit to the appropriate congressional*  
2        *committees a report that contains a summary and*  
3        *evaluation of the review required by subsection (a).*

4            (2) *MATTERS TO BE INCLUDED.—The report re-*  
5        *quired by this subsection shall include the following:*

6            (A) *A description of the procedures used to*  
7        *obtain and verify information regarding the vet-*  
8        *ting of partner units for gross violation of*  
9        *human rights required under section 362 of title*  
10       *10, United States Code.*

11          (B) *A description of the procedures required*  
12       *under subsection (d) of such section 362.*

13          (C) *A description of the procedures used to*  
14       *conduct remediation of units for determined or*  
15       *alleged of gross violation of human rights.*

16          (D) *A list of units completing the process of*  
17       *remediation for gross violation of human rights*  
18       *as described in subparagraph (C).*

19          (E) *A summary of reports submitted to*  
20       *Congress as required under subsection (e) of such*  
21       *section 362.*

22          (F) *An analysis of the impact of such sec-*  
23       *tion 362 to achieving the objectives of the Na-*  
24       *tional Defense Strategy.*

1           (G) *A description of the processes and pro-*  
2           *cedures used to implement section 1206 of the*  
3           *Carl Levin and Howard P. “Buck” McKeon Na-*  
4           *tional Defense Authorization Act for Fiscal Year*  
5           *2015 (Public Law 113–291; 128 Stat. 3538), to*  
6           *include the process of obtaining the concurrence*  
7           *of the Secretary of State, as required under sub-*  
8           *section (c)(1) of such section.*

9           (H) *Recommendations to revise authorities*  
10          *to improve the processes and procedures related*  
11          *to the vetting of foreign partner units for gross*  
12          *violations of human rights.*

13          (I) *Any other matters the Secretary con-*  
14          *siders appropriate.*

15          (3) *FORM.—The report required by this sub-*  
16          *section shall be submitted in unclassified form but*  
17          *may include a classified annex.*

18          (4) *DEFINITION.—In this subsection, the term*  
19          *“appropriate congressional committees” means—*

20               (A) *the congressional defense committees;*

21               *and*

22               (B) *the Committee on Foreign Relations of*  
23               *the Senate and the Committee on Foreign Affairs*  
24               *of the House of Representatives.*

1           (c) *AMENDMENTS TO EXISTING LAW.*—(1) Paragraph  
2 (1) of section 362(a) of title 10, United States Code, is  
3 amended in paragraph (1), by striking “none may be used  
4 for any training, equipment, or other assistance” and in-  
5 serting “none may be used for any training, defense arti-  
6 cles, or defense services”.

7           (2) Subsection (b)(3) of section 1206 of the Carl Levin  
8 and Howard P. “Buck” McKeon National Defense Author-  
9 ization Act for Fiscal Year 2015 (Public Law 113–291; 10  
10 U.S.C. 2282 note) is amended by striking “subsection (b)  
11 of section 2249e of title 10, United States Code (as added  
12 by section 1204(a) of this Act)” and inserting “subsection  
13 (b) of section 362 of title 10, United States Code”.

14           ***Subtitle B—Matters Relating to***  
15           ***Afghanistan and Pakistan***

16       ***SEC. 1211. EXTENSION OF AUTHORITY TO TRANSFER DE-***  
17                               ***FENSE ARTICLES AND PROVIDE DEFENSE***  
18                               ***SERVICES TO THE MILITARY AND SECURITY***  
19                               ***FORCES OF AFGHANISTAN.***

20           (a) *EXTENSION OF EXPIRATION.*—Subsection (h) of  
21 section 1222 of the National Defense Authorization Act for  
22 Fiscal Year 2013 (Public Law 112–239; 126 Stat. 1992),  
23 as most recently amended by section 1211 of the National  
24 Defense Authorization Act for Fiscal Year 2018 (Public  
25 Law 115–91; 131 Stat. 1648), is further amended by strik-

1 ing “December 31, 2018” and inserting “December 31,  
2 2020”.

3 (b) *EXCESS DEFENSE ARTICLES*.—Subsection (i)(2) of  
4 such section 1222, as so amended, is further amended by  
5 striking “December 31, 2018,” each place it appears and  
6 inserting “December 31, 2020”.

7 **SEC. 1212. EXTENSION OF AUTHORITY FOR REIMBURSE-**  
8 **MENT OF CERTAIN COALITION NATIONS FOR**  
9 **SUPPORT PROVIDED TO UNITED STATES**  
10 **MILITARY OPERATIONS.**

11 (a) *EXTENSION OF AUTHORITY*.—Subsection (a) of sec-  
12 tion 1233 of the National Defense Authorization Act for Fis-  
13 cal Year 2008 (Public Law 110–181; 122 Stat. 393), as  
14 most recently amended by section 1212 of the National De-  
15 fense Authorization Act for Fiscal Year 2018 (Public Law  
16 115–91; 131 Stat. 1648), is further amended by striking  
17 “the period beginning on October 1, 2017, and ending on  
18 December 31, 2018” and inserting “the period beginning  
19 on October 1, 2018, and ending on December 31, 2019”.

20 (b) *EXTENSION OF LIMITATIONS*.—Subsection (d)(1) of  
21 such section 1233, as so amended, is further amended—

22 (1) in the first sentence, by striking “the period  
23 beginning on October 1, 2017, and ending on Decem-  
24 ber 31, 2018” and inserting “the period beginning on

1       *October 1, 2018, and ending on December 31, 2019*’;  
2       *and*

3               (2) *in the second sentence, by striking “to Paki-*  
4       *stan during” and all that follows through “December*  
5       *31, 2018” and inserting “to Pakistan during the pe-*  
6       *riod beginning on October 1, 2018, and ending on De-*  
7       *cember 31, 2019”.*

8       (c) *EXTENSION OF ADDITIONAL LIMITATIONS WITH*  
9       *RESPECT TO PAKISTAN.—*

10               (1) *EXTENSION OF NOTICE REQUIREMENT RE-*  
11       *LATING TO REIMBURSEMENT OF PAKISTAN FOR SUP-*  
12       *PORT PROVIDED BY PAKISTAN.—Section 1232(b)(6) of*  
13       *the National Defense Authorization Act for Fiscal*  
14       *Year 2008 (122 Stat. 393), as most recently amended*  
15       *by section 1212(d) of the National Defense Authoriza-*  
16       *tion Act for Fiscal Year 2018, is further amended by*  
17       *striking “December 31, 2018” and inserting “Decem-*  
18       *ber 31, 2019”.*

19               (2) *EXTENSION OF LIMITATION ON REIMBURSE-*  
20       *MENT OF PAKISTAN PENDING CERTIFICATION ON PAKI-*  
21       *STAN.—Section 1227(d)(1) of the National Defense*  
22       *Authorization Act for Fiscal Year 2013 (Public Law*  
23       *112–239; 126 Stat. 2001), as most recently amended*  
24       *by section 1212(e) of the National Defense Authoriza-*  
25       *tion Act for Fiscal Year 2018, is further amended by*



1 *striking “for any period prior to December 31, 2018”*  
2 *and inserting “for any period prior to December 31,*  
3 *2019”.*

4 (3) *ADDITIONAL LIMITATION ON REIMBURSE-*  
5 *MENT OF PAKISTAN PENDING CERTIFICATION ON PAKI-*  
6 *STAN.—Of the total amount of reimbursements and*  
7 *support authorized for Pakistan during fiscal year*  
8 *2019 pursuant to the second sentence of section*  
9 *1233(d)(1) of the National Defense Authorization Act*  
10 *for Fiscal Year 2008 (as amended by subsection*  
11 *(b)(2)), \$350,000,000 shall not be eligible for the*  
12 *waiver under section 1227(d)(2) of the National De-*  
13 *fense Authorization Act for Fiscal Year 2013 (126*  
14 *Stat. 2001) unless the Secretary of Defense certifies to*  
15 *the congressional defense committees that—*

16 (A) *Pakistan continues to conduct military*  
17 *operations that are contributing to significantly*  
18 *disrupting the safe havens, fundraising and re-*  
19 *cruiting efforts, and freedom of movement of the*  
20 *Haqqani Network in Pakistan;*

21 (B) *Pakistan has taken steps to demonstrate*  
22 *its commitment to prevent the Haqqani Network*  
23 *from using any Pakistan territory as a safe*  
24 *haven and for fundraising and recruiting efforts;*

1           (C) the Government of Pakistan is making  
2           an attempt to actively coordinate with the Gov-  
3           ernment of Afghanistan to restrict the movement  
4           of militants, such as the Haqqani Network, along  
5           the Afghanistan-Pakistan border; and

6           (D) Pakistan has shown progress in arrest-  
7           ing and prosecuting senior leaders and mid-level  
8           operatives of the Haqqani Network.

9   **SEC. 1213. EXTENSION AND MODIFICATION OF COM-**  
10           **MANDERS' EMERGENCY RESPONSE PROGRAM.**

11           (a) *EXTENSION.*—Section 1201 of the National Defense  
12           Authorization Act for Fiscal Year 2012 (Public Law 112–  
13           81; 125 Stat. 1619), as most recently amended by section  
14           1211 of the National Defense Authorization Act for Fiscal  
15           Year 2017 (Public Law 114–328; 130 Stat. 2477), is further  
16           amended—

17           (1) in subsection (a), by striking “December 31,  
18           2018” and inserting “December 31, 2020”;

19           (2) in subsection (b), by striking “fiscal year  
20           2017 and fiscal year 2018” and inserting “fiscal  
21           years 2017 through 2020”; and

22           (3) in subsection (f), by striking “December 31,  
23           2018” and inserting “December 31, 2020”.

1           (b) *MODIFICATION.*—Subsection (b) of section 1211 of  
2 the National Defense Authorization Act for Fiscal Year  
3 2017 (Public Law 114–328; 130 Stat. 2477) is amended—

4           (1) in the heading, by striking “AND SYRIA” and  
5 inserting “SYRIA, SOMALIA, LIBYA, AND YEMEN”; and

6           (2) in paragraph (1), by striking “or Syria”  
7 and inserting “Syria, Somalia, Libya, or Yemen”.

8 **SEC. 1214. REPORT ON ASSISTANCE TO PAKISTAN.**

9           Not later than 90 days after the date of the enactment  
10 of this Act, the Secretary of Defense shall submit to the con-  
11 gressional defense committees an unclassified report, which  
12 may include a classified annex, describing the manner in  
13 which the Department of Defense provides assistance to the  
14 Government of Pakistan.

15           **Subtitle C—Matters Relating to**  
16           **Syria, Iraq, and Iran**

17 **SEC. 1221. EXTENSION AND MODIFICATION OF AUTHORITY**

18           **TO PROVIDE ASSISTANCE TO COUNTER THE**

19           **ISLAMIC STATE OF IRAQ AND SYRIA.**

20           (a) *AUTHORITY.*—Subsection (a) of section 1236 of the  
21 Carl Levin and Howard P. “Buck” McKeon National De-  
22 fense Authorization Act for Fiscal Year 2015 (Public Law  
23 113–291; 128 Stat. 3559), as most recently amended by sec-  
24 tion 1222 of the National Defense Authorization Act for Fis-  
25 cal Year 2018 (Public Law 115–91; 131 Stat. 1690), is fur-

1 *ther amended by striking “December 31, 2019” and insert-*  
2 *ing “December 31, 2020”.*

3 (b) *FUNDING.*—*Subsection (g) of such section, as so*  
4 *amended, is further amended—*

5 (1) *by striking “fiscal year 2018” and inserting*  
6 *“fiscal year 2019”; and*

7 (2) *by striking “\$1,269,000,000” and inserting*  
8 *“\$850,000,000”.*

9 **SEC. 1222. EXTENSION OF AUTHORITY TO PROVIDE ASSIST-**  
10 **ANCE TO THE VETTED SYRIAN OPPOSITION.**

11 (a) *IN GENERAL.*—*Subsection (a) of section 1209 of*  
12 *the Carl Levin and Howard P. “Buck” McKeon National*  
13 *Defense Authorization Act for Fiscal Year 2015 (Public*  
14 *Law 113–291; 128 Stat. 3541), as most recently amended*  
15 *by section 1223 of the National Defense Authorization Act*  
16 *for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1653),*  
17 *is further amended by striking “December 31, 2018” and*  
18 *inserting “December 31, 2019”.*

19 (b) *REPROGRAMMING REQUIREMENT.*—

20 (1) *IN GENERAL.*—*Subsection (f) of such section*  
21 *1209, as most recently amended by section 1221 of the*  
22 *National Defense Authorization Act for Fiscal Year*  
23 *2017 (Public Law 114–328; 130 Stat. 2485), is fur-*  
24 *ther amended by striking “December 31, 2018” and*  
25 *inserting “December 31, 2019”.*

1           (2) *LIMITATION ON THE USE OF FUNDS.*—*Begin-*  
2           *ning on the date of the enactment of this section, no*  
3           *funds may be requested to be reprogrammed pursuant*  
4           *to such subsection (f), as amended by paragraph (1),*  
5           *until the date that is 30 days after the date on which*  
6           *the President submits to the congressional defense*  
7           *committees a plan that includes the following:*

8                   (A) *A description of the efforts the United*  
9                   *States will undertake to train and build appro-*  
10                  *priately vetted Syrian opposition forces.*

11                  (B) *An assessment of the nature of the forces*  
12                  *receiving such assistance, including the origins*  
13                  *and affiliations of such forces and any previous*  
14                  *history of collaboration with the Syrian Demo-*  
15                  *cratic Forces.*

16                  (C) *An assessment of the current oper-*  
17                  *ational effectiveness of such forces.*

18                  (D) *The conditions to be met for a deter-*  
19                  *mination that ISIS has been adequately neutral-*  
20                  *ized.*

21                  (E) *A description of the roles and contribu-*  
22                  *tions of partner countries to such assistance, if*  
23                  *any.*

24                  (F) *The concept of operations, timelines,*  
25                  *and types of training, equipment, stipends,*

1           sustainment, and supplies to be provided by the  
2           United States, including measures for end-use  
3           accountability with respect to resources, equip-  
4           ment, and supplies after the resources, equip-  
5           ment, and supplies are provided to such forces.

6           (G) A description of the force posture and  
7           roles of the United States Armed Forces involved  
8           in providing such assistance.

9           (3) *FORM.*—The plan described in paragraph (2)  
10          shall be submitted in unclassified form but may in-  
11          clude a classified annex.

12 **SEC. 1223. EXTENSION AND MODIFICATION OF AUTHORITY**  
13                   **TO SUPPORT OPERATIONS AND ACTIVITIES**  
14                   **OF THE OFFICE OF SECURITY COOPERATION**  
15                   **IN IRAQ.**

16          (a) *EXTENSION OF AUTHORITY.*—Subsection (f)(1) of  
17          section 1215 of the National Defense Authorization Act for  
18          Fiscal Year 2012 (Public Law 112–81; 125 Stat. 1631; 10  
19          U.S.C. 113 note), as most recently amended by section 1224  
20          of the National Defense Authorization Act for Fiscal Year  
21          2018 (Public Law 115–91; 131 Stat. 1654), is further  
22          amended by striking “fiscal year 2018” and inserting “fis-  
23          cal year 2019”.

24          (b) *LIMITATION ON AMOUNT.*—Subsection (c) of such  
25          section is amended—



1       David, “leaders discussed a new U.S.-GCC strategic  
2       partnership to enhance their work to improve security  
3       cooperation on. . . ballistic missile defense”.

4               (4) *The White House Office of the Press Sec-*  
5       *retary subsequently released a statement on April 21,*  
6       *2016, that at the 2016 United States—GCC Summit*  
7       *at Riyadh, “leaders affirmed need to remain vigilant*  
8       *about addressing Iran’s destabilizing actions in the*  
9       *region, including its ballistic missile program”.*

10       (b) *SENSE OF CONGRESS.—It is the sense of Congress*  
11       *that—*

12               (1) *member countries of the Gulf Cooperation*  
13       *Council should take meaningful steps to develop and*  
14       *implement an interoperable ballistic missile defense*  
15       *architecture to defend against Iran’s ballistic missile*  
16       *threat that emphasizes information sharing and in-*  
17       *cludes early warning and tracking data, to enhance*  
18       *the security of citizens, protect critical infrastructure,*  
19       *and deter Iran; and*

20               (2) *the United States should continue bilateral*  
21       *and multilateral missile defense exercises in the re-*  
22       *gion and, when practicable, increase the capacity of*  
23       *United States partners through foreign military sales.*



1 **SEC. 1225. STRATEGY TO COUNTER DESTABILIZING ACTIVI-**  
2 **TIES OF IRAN.**

3 (a) *STRATEGY AUTHORIZED.*—

4 (1) *IN GENERAL.*—*The Secretary of Defense,*  
5 *with the concurrence of the Secretary of State, is au-*  
6 *thorized to develop and implement a strategy with*  
7 *foreign partners to counter the destabilizing activities*  
8 *of Iran.*

9 (2) *ELEMENTS.*—*The strategy described in para-*  
10 *graph (1)—*

11 (A) *should establish a cooperative frame-*  
12 *work that includes—*

13 (i) *investing in intelligence, surveil-*  
14 *lance, and reconnaissance platforms;*

15 (ii) *investing in mine countermeasures*  
16 *resources and platforms;*

17 (iii) *investing in integrated air and*  
18 *missile defense platforms and technologies;*

19 (iv) *sharing intelligence and data with*  
20 *United States and such foreign countries;*

21 (v) *investing in cyber security and*  
22 *cyber defense capabilities;*

23 (vi) *engaging in combined planning;*  
24 *and*

1                   (vii) engaging in defense education, in-  
2                   stitution building, doctrinal development,  
3                   and reform; and

4                   (B) should provide for designation of a ci-  
5                   vilian or military officer or employee of the De-  
6                   partment of Defense and designation of a senior  
7                   employee of the Department of State to imple-  
8                   ment the cooperative framework described in sub-  
9                   paragraph (A).

10           (b) *MULTILATERAL COORDINATION.*—To enhance co-  
11           operation and encourage military-to-military engagement  
12           between the United States and foreign partners described  
13           in subsection (a), the Secretary of Defense and the Secretary  
14           of State should take appropriate actions to ensure that ex-  
15           changes between senior military officers and senior civilian  
16           defense officials of the governments of such foreign part-  
17           ners—

18                   (1) are at a level appropriate to enhance engage-  
19                   ment between the militaries of such partners for  
20                   threat analysis, military doctrine, force planning,  
21                   mutual security interests, logistical support, and in-  
22                   telligence cooperation;

23                   (2) enhance security cooperation, including mar-  
24                   itime security, special operations collaboration, cyber  
25                   cooperation, and integrated air and missile defense

1       *and domain awareness, in the Middle East and*  
2       *Southwest Asia regions; and*

3               *(3) accelerate the development of combined mili-*  
4       *tary planning for missions to counter Iran that may*  
5       *arise within the contours of shared national security*  
6       *interests.*

7       *(c) REPORT.—Not later than 180 days after the date*  
8       *of the enactment of this Act, and annually thereafter*  
9       *through December 31, 2021, the Secretary of Defense, in*  
10       *consultation with the Secretary of State, should submit to*  
11       *the congressional defense committees and the Committee on*  
12       *Foreign Relations of the Senate and the Committee on For-*  
13       *ign Affairs of the House of Representatives a report on—*

14               *(1) the strategy described in subsection (a), in-*  
15       *cluding a description of contributions of foreign part-*  
16       *ners to the strategy; and*

17               *(2) the actions taken under subsection (b).*

18       **SEC. 1226. REPORT ON COMPLIANCE OF IRAN UNDER THE**

19                               **CHEMICAL WEAPONS CONVENTION.**

20       *(a) FINDING.—In the annual report submitted to Con-*  
21       *gress in March 2018, consistent with condition (10)(C) of*  
22       *the Resolution of Advice and Consent to Ratification of the*  
23       *Convention on the Prohibition of the Development, Produc-*  
24       *tion, Stockpiling and Use of Chemical Weapons and on*  
25       *their Destruction (“Chemical Weapons Convention”), en-*

1 *tered into force on April 29, 1997, the Secretary of State*  
2 *concluded that “(b)ased on available information, the*  
3 *United States cannot certify Iran has met its obligations*  
4 *under the Convention for declaration of: (1) its chemical*  
5 *weapons production facility (CWPF); (2) transfer of chem-*  
6 *ical weapons (CW); and (3) retention of an undeclared CW*  
7 *stockpile”.*

8 *(b) REPORT REQUIRED.—Not later than February 1,*  
9 *2019, the Secretary of Defense and the Secretary of State*  
10 *shall submit to the appropriate congressional committees a*  
11 *report assessing the extent to which Iran is complying with*  
12 *its obligations under the Chemical Weapons Convention*  
13 *that includes the following:*

14 *(1) A description, assessment, and verification,*  
15 *to the extent practicable, of any credible information*  
16 *that Iran has assisted the Government of Syria in*  
17 *committing actions that violate such treaty.*

18 *(2) A description of any dual-use technologies*  
19 *that could advance Iran’s capability to produce chem-*  
20 *ical weapons for offensive use.*

21 *(3) The implications of any activities or tech-*  
22 *nologies described pursuant to paragraphs (1) and (2)*  
23 *for Iran’s compliance with other international obliga-*  
24 *tions relating to nonproliferation.*

1           (4) *Any other matters the Secretaries determines*  
2           *to be relevant.*

3           (c) *FORM.—The report required under subsection (b)*  
4           *shall be submitted in unclassified form but may include a*  
5           *classified annex.*

6           (d) *APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
7           *this section, the term “appropriate congressional commit-*  
8           *tees” means the Committee on Armed Services and the Com-*  
9           *mittee on Foreign Affairs of the House of Representatives.*

10   **SEC. 1227. REPORT ON POTENTIAL RELEASE OF CHEMICAL**  
11                   **WEAPONS OR CHEMICAL WEAPONS PRECUR-**  
12                   **SORS FROM BARZEH RESEARCH AND DEVEL-**  
13                   **OPMENT CENTER AND HIM SHINSHAR CHEM-**  
14                   **ICAL WEAPONS STORAGE AND BUNKER FA-**  
15                   **CILITIES IN HOMS PROVINCE OF SYRIA.**

16           (a) *IN GENERAL.—Not later than 30 days after the*  
17           *date of the enactment of this Act, the Secretary of Defense*  
18           *shall submit to the congressional defense committees a re-*  
19           *port that contains a review and analysis of the potential*  
20           *for release of chemical weapons or chemical weapons pre-*  
21           *cursors from the Barzeh Research and Development Center*  
22           *and the Him Shinshar chemical weapons storage and bunk-*  
23           *er facilities in Homs province of Syria that were targets*  
24           *of strikes by the United States and partner forces on April*  
25           *13, 2018.*

1           (b) *REQUIREMENTS RELATING TO REVIEW AND ANAL-*  
2 *YSIS.*—*The review and analysis described in subsection (a)*  
3 *shall include the following:*

4           (1) *The methodology the Secretary of Defense*  
5 *used prior to such strikes to determine the likelihood*  
6 *of a release of chemical weapons or chemical weapons*  
7 *precursors affecting local residents.*

8           (2) *The methodology the Secretary of Defense*  
9 *used prior to such strikes to determine the potential*  
10 *for chemical agents to enter into the aquifer, air, soil,*  
11 *or other aspects of the environment.*

12          (c) *FORM.*—*The report required under this section*  
13 *shall be submitted in unclassified form, but may contain*  
14 *a classified annex.*

15 **SEC. 1228. REPORT ON COOPERATION BETWEEN IRAN AND**  
16 **THE RUSSIAN FEDERATION.**

17          (a) *REPORT REQUIRED.*—*Not later than 120 days*  
18 *after the date of the enactment of this Act, and annually*  
19 *thereafter for 5 years, the President shall transmit to the*  
20 *appropriate congressional committees a report on coopera-*  
21 *tion between Iran and the Russian Federation and the ex-*  
22 *tent to which such cooperation affects United States na-*  
23 *tional security and strategic interests, particularly with re-*  
24 *spect to Syria.*

1           **(b) MATTERS TO BE INCLUDED.**—*The report required*  
2 *by subsection (a) shall include the following: —*

3                   **(1)** *A detailed description of Iranian-Russian co-*  
4 *operation on matters relating to Syria, including the*  
5 *following:*

6                           **(A)** *Mutual defense assistance to the Assad*  
7 *regime.*

8                           **(B)** *Establishment of forward operating*  
9 *bases in Syria.*

10                           **(C)** *Deployment of air defense systems.*

11                           **(D)** *Assistance to Assad’s chemical weapons*  
12 *program, including research, development, and*  
13 *deployment of such weapons.*

14                   **(2)** *A detailed description of Iranian-Russian co-*  
15 *operation on matters relating to Iran’s space pro-*  
16 *gram, including how and to what extent such co-*  
17 *operation strengthens Iran’s ballistic missile program.*

18                   **(3)** *A description and analysis of the intel-*  
19 *ligence-sharing center established by Iran, Russia,*  
20 *and Syria in Baghdad, Iraq, and whether such center*  
21 *is being used for purposes other than the purposes of*  
22 *the joint mission of such countries in Syria.*

23                   **(4)** *A description and analysis of—*

1           (A) *naval cooperation between Iran and*  
2           *Russia, including joint naval exercises between*  
3           *the two countries; and*

4           (B) *the long-term consequences of—*

5                 (i) *a robust Russian naval presence in*  
6                 *the Eastern Mediterranean;*

7                 (ii) *an Iranian naval presence in the*  
8                 *Persian Gulf; and*

9                 (iii) *Iranian and Russian naval*  
10                 *strength in the Caspian Sea.*

11           (5) *A description of nuclear cooperation between*  
12           *Iran and Russia, both with respect to the Joint Com-*  
13           *prehensive Plan of Action and outside of the param-*  
14           *eters of such nuclear agreement with Iran.*

15           (6) *The likelihood that Iran might adopt the*  
16           *Russian model of hybrid warfare.*

17           (7) *The extent of Russian cooperation with*  
18           *Hezbollah in Syria, Lebanon, and Iraq, including co-*  
19           *operation with respect to training, equipping, and*  
20           *joint operations.*

21           (c) *FORM.—Each report required by subsection (a)*  
22           *shall be submitted in unclassified form, but may contain*  
23           *a classified annex.*



1           (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
2 *FINED.*—*In this section, the term “appropriate congres-*  
3 *sional committees” means—*

4                   (1) *the congressional defense committees; and*

5                   (2) *the Committee on Foreign Relations of the*  
6 *Senate and the Committee on Foreign Affairs of the*  
7 *House of Representatives.*

8           ***Subtitle D—Matters Relating to the***  
9                   ***Russian Federation***

10       ***SEC. 1231. PROHIBITION ON AVAILABILITY OF FUNDS RE-***  
11                   ***LATING TO SOVEREIGNTY OF THE RUSSIAN***  
12                   ***FEDERATION OVER CRIMEA.***

13           (a) *PROHIBITION.*—*None of the funds authorized to be*  
14 *appropriated by this Act or otherwise made available for*  
15 *fiscal year 2019 for the Department of Defense may be obli-*  
16 *gated or expended to implement any activity that recognizes*  
17 *the sovereignty of the Russian Federation over Crimea.*

18           (b) *WAIVER.*—*The Secretary of Defense, with the con-*  
19 *currence of the Secretary of State, may waive the restriction*  
20 *on the obligation or expenditure of funds required by sub-*  
21 *section (a) if the Secretary—*

22                   (1) *determines that to do so is in the national*  
23 *security interest of the United States; and*

24                   (2) *submits a notification of the waiver, at the*  
25 *time the waiver is invoked, to the Committee on*

1 *Armed Services and the Committee on Foreign Rela-*  
2 *tions of the Senate and the Committee on Armed*  
3 *Services and the Committee on Foreign Affairs of the*  
4 *House of Representatives.*

5 **SEC. 1232. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**  
6 **ING TO IMPLEMENTATION OF THE OPEN**  
7 **SKIES TREATY.**

8 *(a) PROHIBITION ON ACTIVITIES TO MODIFY UNITED*  
9 *STATES AIRCRAFT.—*

10 *(1) IN GENERAL.—None of the funds authorized*  
11 *to be appropriated by this Act or otherwise made*  
12 *available for fiscal year 2019 for research, develop-*  
13 *ment, test, and evaluation, Air Force, for arms con-*  
14 *trol implementation (PE 0305145F), Aircraft Pro-*  
15 *curement, Air Force (line item C135B0/C-135B), or*  
16 *procurement, Air Force, for digital visual imaging*  
17 *system (BA-05, Line Item #1900) may be obligated*  
18 *or expended to carry out any activities to modify any*  
19 *United States aircraft for purposes of implementing*  
20 *the Open Skies Treaty until the President submits to*  
21 *the appropriate congressional committees the certifi-*  
22 *cation described in paragraph (2).*

23 *(2) CERTIFICATION.—*

1           (A) *IN GENERAL.*—*The certification de-*  
2           *scribed in this paragraph is a certification of the*  
3           *President that—*

4                   (i) *the President has imposed treaty*  
5                   *violations responses and legal counter-*  
6                   *measures on the Russian Federation for its*  
7                   *violations of the Open Skies Treaty; and*

8                   (ii) *the President has fully informed*  
9                   *the appropriate congressional committees of*  
10                   *such responses and countermeasures.*

11           (B) *DELEGATION.*—*The President may dele-*  
12           *gate the responsibility for making a certification*  
13           *under subparagraph (A) to the Secretary of the*  
14           *State.*

15           (3) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
16           *DEFINED.*—*In this subsection, the term “appropriate*  
17           *congressional committees” means—*

18                   (A) *the congressional defense committees;*

19                   *and*

20                   (B) *the Committee on Foreign Relations of*  
21                   *the Senate and the Committee on Foreign Affairs*  
22                   *of the House of Representatives.*

23           (b) *LIMITATION ON USE OF FUNDS TO VOTE OR AP-*  
24           *PROVE CERTAIN IMPLEMENTING DECISIONS OF THE OPEN*  
25           *SKIES CONSULTATIVE COMMISSION.—*

1           (1) *IN GENERAL.*—None of the funds authorized  
2           to be appropriated or otherwise made available by  
3           this Act or any other Act for fiscal year 2019 may  
4           be used to vote to approve or otherwise adopt any im-  
5           plementing decision of the Open Skies Consultative  
6           Commission pursuant to Article X of the Open Skies  
7           Treaty to authorize approval of requests by state par-  
8           ties to the Treaty to certify infra-red or synthetic ap-  
9           erture radar sensors pursuant to Article IV of the  
10          Treaty unless and until the following requirements  
11          are met:

12                   (A) *The Secretary of Defense, jointly with*  
13                   *the relevant United States Government officials,*  
14                   *submits to the appropriate congressional com-*  
15                   *mittees the following:*

16                           (i) *A certification that the imple-*  
17                           *menting decision would not be detrimental*  
18                           *or otherwise harmful to the national secu-*  
19                           *rity of the United States.*

20                           (ii) *A report on the Open Skies Treaty*  
21                           *that includes the following:*

22                                   (I) *The annual costs to the United*  
23                                   *States associated with countermeasures*  
24                                   *to mitigate potential abuses of observa-*  
25                                   *tion flights by the Russian Federation*

1                    *carried out under the Treaty over Eu-*  
2                    *ropean and United States territories*  
3                    *involving infra-red or synthetic aper-*  
4                    *ture radar sensors.*

5                    *(II) A plan, and its estimated*  
6                    *comparative cost, to replace the Treaty*  
7                    *architecture with an increased sharing*  
8                    *of overhead commercial imagery, con-*  
9                    *sistent with United States national se-*  
10                   *curity, with covered state parties, ex-*  
11                   *cluding the Russian Federation.*

12                   *(III) An evaluation by the Direc-*  
13                   *tor of National Intelligence of matters*  
14                   *concerning how an observation flight*  
15                   *described in clause (i) could implicate*  
16                   *intelligence activities of the Russian*  
17                   *Federation in the United States and*  
18                   *United States counterintelligence ac-*  
19                   *tivities and vulnerabilities.*

20                   *(IV) An assessment of how such*  
21                   *information is used by the Russian*  
22                   *Federation, for what purpose, and how*  
23                   *the information fits into the Russian*  
24                   *Federation's overall collection posture.*

1           (B) *Not later than 90 days before the date*  
2 *on which the United States votes to approve or*  
3 *otherwise adopt any such implementing decision,*  
4 *the President shall submit to the appropriate*  
5 *congressional committees a certification that—*

6           *(i) the Russian Federation—*

7                   *(I) is in complete compliance with*  
8 *is obligations under the Open Skies*  
9 *Treaty;*

10                   *(II) is not exceeding the imagery*  
11 *limits set forth in the Treaty; and*

12                   *(III) is allowing observation*  
13 *flights by covered state parties over all*  
14 *of Moscow, Chechnya, Kaliningrad,*  
15 *and within 10 kilometers of its border*  
16 *with Georgia's occupied territories of*  
17 *Abkhazia and South Ossetia without*  
18 *restriction and without inconsistency*  
19 *to requirements under the Treaty;*

20           *(ii) covered state parties have been no-*  
21 *tified and briefed on concerns of the intel-*  
22 *ligence community (as defined in section 3*  
23 *of the National Security Act of 1947 (50*  
24 *U.S.C. 3003)) regarding infra-red or syn-*

1 *thetic aperture radar sensors used under the*  
2 *Open Skies Treaty; and*

3 *(iii) the Russian Federation has agreed*  
4 *to—*

5 *(I) extradite the 13 Russian citi-*  
6 *zens indicted on February 16, 2018, by*  
7 *the Department of Justice for under-*  
8 *taking unlawful activities against the*  
9 *United States;*

10 *(II) remove illegally stationed*  
11 *Russian troops and materiel from*  
12 *Ukraine’s autonomous Republic of Cri-*  
13 *mea and the city of Sevastopol;*

14 *(III) cease all material financial*  
15 *support for Russian proxies in Eastern*  
16 *Ukraine; and*

17 *(IV) cease all military or finan-*  
18 *cial support to any state that uses or*  
19 *has used against its own civilian pop-*  
20 *ulation any agent or substance banned*  
21 *by the Chemical Weapons Convention.*

22 *(2) WAIVER.—*

23 *(A) IN GENERAL.—The President may*  
24 *waive the application of paragraph (1) if the*  
25 *President determines that—*

1           (i) *the waiver is in the national secu-*  
2           *rity of the United States; and*

3           (ii) *the Russian Federation has taken*  
4           *clear and verifiable action to return to full*  
5           *and complete compliance with the Open*  
6           *Skies Treaty.*

7           (B) *LIMITATION ON DELEGATION.—The au-*  
8           *thority of the President under subparagraph (A)*  
9           *to waive the application of paragraph (1) may*  
10           *not be delegated.*

11          (3) *OPERATION OF OC-135 AIRCRAFT.—*

12           (A) *IN GENERAL.—It is the sense of Con-*  
13           *gress that—*

14           (i) *the United States continues to con-*  
15           *duct observation flights under the Open*  
16           *Skies Treaty using OC-135 aircraft, a fleet*  
17           *now in its 57th year of service; and*

18           (ii) *advances in commercial surveil-*  
19           *lance technology have surpassed the value of*  
20           *aerial observation under the terms of the*  
21           *Open Skies Treaty and brings into ques-*  
22           *tions the continued use of the OC-135 fleet*  
23           *for this purpose.*

24           (B) *REPORT.—*



1           (i) *IN GENERAL.*—Not later than Jan-  
2           uary 31, 2019, the Secretary of Defense  
3           shall submit to the appropriate congress-  
4           sional committees a report on the state of  
5           United States OC-135 aircraft with respect  
6           to airworthiness, safety of flight, and main-  
7           tenance reliability. The report shall also in-  
8           clude a recommendation as to the prospec-  
9           tive date of retirement of the OC-135 fleet.

10          (ii) *DEFINITION.*—In this subpara-  
11          graph, the term “appropriate congressional  
12          committees” means—

13                (I) the congressional defense com-  
14                mittees; and

15                (II) the Committee on Foreign Re-  
16                lations of the Senate and the Com-  
17                mittee on Foreign Affairs of the House  
18                of Representatives.

19          (C) *SUSPENSION OF OPERATION OF OC-135*  
20          *AIRCRAFT.*—The Secretary of Defense is author-  
21          ized to cease operation of United States OC-135  
22          aircraft under the Open Skies Treaty if contin-  
23          ued operation of these aircraft would impose  
24          undue risk to personnel or excessive cost.

1       (c) *FORM.*—Each certification and report required  
2 under this section shall be submitted in unclassified form,  
3 but may contain a classified annex if necessary.

4       (d) *DEFINITIONS.*—Except as otherwise provided, in  
5 this section:

6           (1) *APPROPRIATE CONGRESSIONAL COMMIT-*  
7 *TEES.*—The term “appropriate congressional commit-

8 *tees” means—*  
9           (A) *the Committee on Armed Services, the*  
10 *Committee on Foreign Relations, and the Select*  
11 *Committee on Intelligence of the Senate; and*

12           (B) *the Committee on Armed Services, the*  
13 *Committee on Foreign Affairs, and the Perma-*  
14 *nent Select Committee on Intelligence of the*  
15 *House of Representatives.*

16           (2) *CHEMICAL WEAPONS CONVENTION.*—The  
17 term “Chemical Weapons Convention” means the  
18 *Convention on the Prohibition of the Development,*  
19 *Production, Stockpiling and Use of Chemical Weap-*  
20 *ons and on Their Destruction, entered into force on*  
21 *April 29, 1997.*

22           (3) *COVERED STATE PARTY.*—The term “covered  
23 *state party” means a foreign country that—*

24           (A) *is a state party to the Open Skies Trea-*  
25 *ty; and*

1                   (B) is a United States ally.

2                   (4) *INFRA-RED OR SYNTHETIC APERTURE RADAR*  
3 *SENSOR.*—The term “infra-red or synthetic aperture  
4 *radar sensor*” means a sensor that is classified as—

5                   (A) an infra-red line-scanning device under  
6 category C of paragraph 1 of Article IV of the  
7 *Open Skies Treaty*; or

8                   (B) a sideways-looking synthetic aperture  
9 *radar* under category D of paragraph 1 of *Arti-*  
10 *cle IV of the Open Skies Treaty.*

11                  (5) *OBSERVATION FLIGHT.*—The term “*observa-*  
12 *tion flight*” has the meaning given such term in *Arti-*  
13 *cle II of the Open Skies Treaty.*

14                  (6) *OPEN SKIES TREATY; TREATY.*—The term  
15 “*Open Skies Treaty*” or “*Treaty*” means the *Treaty*  
16 *on Open Skies, done at Helsinki March 24, 1992, and*  
17 *entered into force January 1, 2002.*

18                  (7) *RELEVANT UNITED STATES GOVERNMENT OF-*  
19 *FICIALS.*—The term “*relevant United States Govern-*  
20 *ment officials*” means the following:

21                   (A) *The Secretary of Energy.*

22                   (B) *The Secretary of Homeland Security.*

23                   (C) *The Director of the Federal Bureau of*  
24 *Investigation.*

25                   (D) *The Director of National Intelligence.*

1           (E) *The Commander of U.S. Strategic Com-*  
2           *mand and the Commander of U.S. Northern*  
3           *Command in the case of an observation flight*  
4           *over the territory of the United States.*

5           (F) *The Commander of U.S. European*  
6           *Command in the case of an observation flight*  
7           *other than an observation flight described in sub-*  
8           *paragraph (E).*

9           (8) *SENSOR.—The term “sensor” has the mean-*  
10          *ing given such term in Article II of the Open Skies*  
11          *Treaty.*

12 **SEC. 1233. COMPREHENSIVE RESPONSE TO THE RUSSIAN**  
13           **FEDERATION’S MATERIAL BREACH OF THE**  
14           **INF TREATY.**

15          (a) *FINDINGS.—Congress finds the following:*

16           (1) *James Mattis, Secretary of Defense, testified*  
17           *before the House Armed Services Committee on March*  
18           *22, 2018, that “we have very modest expectations that*  
19           *they [Russia] would return to [INF] compliance. As*  
20           *a result, in the Nuclear Posture Review, we are look-*  
21           *ing for a way, at the lowest possible cost, to checkmate*  
22           *them and make it in their best interest to return to*  
23           *compliance.”.*

24           (2) *The Honorable Daniel Coats, Director of Na-*  
25           *tional Intelligence, testified before the Senate Armed*

1       *Services Committee on March 6, 2018, that the Rus-*  
2       *sian Federation is violating the INF Treaty because*  
3       *“Moscow probably believes that the new GLCM pro-*  
4       *vides sufficient advantages that make it worth the*  
5       *risk of violating the INF Treaty.”.*

6             (3) *General Hyten, Commander of the United*  
7       *States Strategic Command, also testified before the*  
8       *Senate Armed Services Committee on March 20,*  
9       *2018, about potential strategic advantages for China*  
10       *stemming from their lack of participation in the INF*  
11       *Treaty by saying that “they do not have any limita-*  
12       *tions in the INF [Treaty], and they have built sig-*  
13       *nificant numbers of intermediate-range ballistic mis-*  
14       *siles that if they were in the INF [Treaty], they*  
15       *would be contrary to the treaty”.*

16            (4) *General Joseph Dunford, Chairman of the*  
17       *Joint Chiefs of Staff, testified before the House Armed*  
18       *Services Committee on April 12, 2018, that “we’re*  
19       *not only looking for operational concepts and ways to*  
20       *deal with the Russian violation, but we’re also at*  
21       *least posturing ourselves to develop weapons should*  
22       *they be required”.* *Secretary of Defense Mattis also*  
23       *stated in that same hearing “our effort will be*  
24       *matched at State Department by movement on arms*  
25       *control and nonproliferation. There are two thrusts to*

1        *our nuclear strategy. . .and that's why those funds*  
2        *have been requested."*

3        *(b) STATEMENT OF POLICY.—It is the policy of the*  
4        *United States as follows:*

5                *(1) The actions undertaken by the Russian Fed-*  
6                *eration in violation of the INF Treaty, including the*  
7                *flight-test, production, and possession of prohibited*  
8                *systems, have defeated the object and purpose of the*  
9                *INF Treaty, and thus constitute a material breach of*  
10               *the INF Treaty.*

11               *(2) In light of the Russian Federation's material*  
12               *breach of the INF Treaty, the United States is legally*  
13               *entitled to suspend the operation of the INF Treaty*  
14               *in whole or in part for so long as the Russian Federa-*  
15               *tion continues to be in material breach of the INF*  
16               *Treaty.*

17               *(3) For so long as the Russian Federation re-*  
18               *mains in noncompliance with the INF Treaty, the*  
19               *United States should take actions to encourage the*  
20               *Russian Federation to return to compliance with the*  
21               *INF Treaty, including by—*

22                        *(A) providing additional funds for the ca-*  
23                        *pabilities identified in section 1243(d) of the Na-*  
24                        *tional Defense Authorization Act for Fiscal Year*  
25                        *2016 (Public Law 114–92; 129 Stat. 1062) and*

1           *the Intermediate-Range Nuclear Forces Treaty*  
2           *Preservation Act of 2017 (Public Law 115–91;*  
3           *131 Stat. 1671); and*

4                   *(B) seeking additional missile defense assets*  
5           *in the European theater needed to fill military*  
6           *capability gaps to protect United States and*  
7           *NATO forces from ground-launched missile sys-*  
8           *tems of the Russian Federation that are in non-*  
9           *compliance with the INF Treaty.*

10       *(c) IMPOSITION OF ARMS CONTROL SANCTIONS.—*

11                   *(1) IN GENERAL.—An amount equal to not less*  
12       *than 25 percent of the amount authorized to be ap-*  
13       *propriated or otherwise made available to the Depart-*  
14       *ment of Defense for fiscal year 2019 to provide sup-*  
15       *port services to the Executive Office of the President,*  
16       *other than support services that are required for sen-*  
17       *ior leader communications services, shall be withheld*  
18       *from obligation or expenditure until the date on*  
19       *which the President has submitted to the appropriate*  
20       *congressional committees the certification described in*  
21       *paragraph (2).*

22                   *(2) CERTIFICATION DESCRIBED.—The certifi-*  
23       *cation described in this paragraph is a certification*  
24       *of the President that—*

1           (A) each requirement of section 1290 of the  
2           *National Defense Authorization Act for Fiscal*  
3           *Year 2017 (Public Law 114–328; 130 Stat. 2555;*  
4           *22 U.S.C. 2593e) has been fully implemented*  
5           *and is continuing to be fully implemented;*

6           (B) the President has notified the appro-  
7           priate congressional committees under such sec-  
8           tion 1290 of the imposition of measures described  
9           in subsection (c) of such section with respect to  
10          each person identified in a report under sub-  
11          section (a) of such section, including a detailed  
12          description of the imposition of all such meas-  
13          ures; and

14          (C) the President has submitted the report  
15          required by section 1244(c) of the *National De-*  
16          *fense Authorization Act for Fiscal Year 2018*  
17          *(Public Law 115–91; 131 Stat. 1674) (relating*  
18          *to report on plan to impose additional sanctions*  
19          *with respect to the Russian Federation).*

20          (d) *DEFINITIONS.—In this section:*

21               (1) *APPROPRIATE CONGRESSIONAL COMMIT-*  
22               *TEES.—The term “appropriate congressional commit-*  
23               *tees” means—*

24                       (A) *the Select Committee on Intelligence, the*  
25                       *Committee on Foreign Relations, the Committee*



1           *on Armed Services, and the Committee on Ap-*  
2           *propriations of the Senate; and*

3                   *(B) the Permanent Select Committee on In-*  
4           *telligence, the Committee on Foreign Affairs, the*  
5           *Committee on Armed Services, and the Com-*  
6           *mittee on Appropriations of the House of Rep-*  
7           *resentatives.*

8           (2) *INF TREATY.*—*The term “INF Treaty”*  
9           *means the Treaty between the United States of Amer-*  
10          *ica and the Union of Soviet Socialist Republics on*  
11          *the Elimination of Their Intermediate-Range and*  
12          *Shorter-Range Missiles, signed at Washington Decem-*  
13          *ber 8, 1987, and entered into force June 1, 1988.*

14          (3) *NEW START TREATY.*—*The term “New*  
15          *START Treaty” means the Treaty between the*  
16          *United States of America and the Russian Federation*  
17          *on Measures for the Further Reduction and Limita-*  
18          *tion of Strategic Offensive Arms, signed at Prague*  
19          *April 8, 2010, and entered into force February 5,*  
20          *2011.*

21          (4) *OPEN SKIES TREATY.*—*The term “Open*  
22          *Skies Treaty” means the Treaty on Open Skies, done*  
23          *at Helsinki March 24, 1992, and entered into force*  
24          *January 1, 2002.*

1 **SEC. 1234. MODIFICATION AND EXTENSION OF UKRAINE SE-**  
2 **CURITY ASSISTANCE INITIATIVE.**

3 *Section 1250 of the National Defense Authorization*  
4 *Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.*  
5 *1068), as most recently amended by section 1234 of the Na-*  
6 *tional Defense Authorization Act for Fiscal Year 2018 (Pub-*  
7 *lic Law 115–91; 131 Stat. 1659), is further amended—*

8 *(1) in subsection (c)—*

9 *(A) in paragraph (1), by striking “50 per-*  
10 *cent of the funds available for fiscal year 2018*  
11 *pursuant to subsection (f)(3)” and inserting “50*  
12 *percent of the funds available for fiscal year*  
13 *2019 pursuant to subsection (f)(4)”;* and

14 *(B) in paragraph (3), by striking “fiscal*  
15 *year 2018” and inserting “fiscal year 2019”;*  
16 *and*

17 *(C) by adding at the end the following new*  
18 *paragraph:*

19 *“(5) LETHAL ASSISTANCE.—Of the funds avail-*  
20 *able for fiscal year 2019 pursuant to subsection (f)(4),*  
21 *\$50,000,000 shall be available only for lethal assist-*  
22 *ance described in paragraphs (2) and (3) of sub-*  
23 *section (b).”;*

24 *(2) in subsection (f), by adding at the end the*  
25 *following:*

26 *“(4) For fiscal year 2019, \$250,000,000.”;* and

1           (3) *in subsection (h), by striking “December 31,*  
2           *2020” and inserting “December 31, 2021”.*

3   **SEC. 1235. STATEMENT OF POLICY ON UNITED STATES MILI-**  
4                           **TARY INVESTMENT IN EUROPE.**

5           *(a) FINDINGS.—Congress finds the following:*

6                   (1) *Both the 2017 National Security Strategy*  
7                   *and the 2018 National Defense Strategy highlight the*  
8                   *Russian Federation as a long-term strategic compet-*  
9                   *itor to the United States.*

10                   (2) *The Russian Federation uses a whole-of-soci-*  
11                   *ety approach to influence and attempt to shape the*  
12                   *information space, weaken American resolve and con-*  
13                   *fidence in its democracy, and undermine the power*  
14                   *and international standing of the United States.*

15                   (3) *Through the National Defense Authorization*  
16                   *Act for Fiscal Year 2015 (Public Law 113-291), the*  
17                   *National Defense Authorization Act for Fiscal Year*  
18                   *2016 (Public Law 114-92), the National Defense Au-*  
19                   *thorization Act for Fiscal Year 2017 (Public Law*  
20                   *114-328), and the National Defense Authorization Act*  
21                   *for Fiscal Year 2018 (Public Law 115-91), Congress*  
22                   *has authorized, in total, approximately*  
23                   *\$9,800,000,000 for the European Reassurance Initia-*  
24                   *tive, now the European Deterrence Initiative, to reas-*

1        *sure partners and allies and build a credible deterrent*  
2        *and defense against the Russian Federation.*

3        *(b) STATEMENT OF POLICY.—It is the policy of the*  
4        *United States to develop, implement, and sustain a credible*  
5        *deterrent against aggression and long-term strategic com-*  
6        *petition by the Government of the Russian Federation in*  
7        *order to enhance regional and global security and stability,*  
8        *including by the following:*

9                *(1) Increased United States presence in Europe*  
10                *through additional permanently stationed forces, in-*  
11                *cluding logistics enablers and a combat aviation bri-*  
12                *gade.*

13                *(2) Continued United States presence in Europe*  
14                *through rotational forces.*

15                *(3) Increased United States pre-positioned mili-*  
16                *tary equipment, including munitions, logistics*  
17                *enablers, and a division headquarters.*

18                *(4) Sufficient and necessary infrastructure addi-*  
19                *tions and improvements throughout Europe.*

20                *(5) Increased investment and prioritization to*  
21                *counter indirect action (such as information oper-*  
22                *ations intended to influence), including sufficient*  
23                *cyber, counter-propaganda, and intelligence resources.*

24                *(6) Sufficient security cooperation resources and*  
25                *opportunities with partners and allies, including with*

1        *member countries of the North Atlantic Treaty Orga-*  
2        *nization.*

3    **SEC. 1236. IMPOSITION OF SANCTIONS WITH RESPECT TO**  
4                    **CERTAIN PERSONS PROVIDING SOPHISTI-**  
5                    **CATED GOODS, SERVICES, OR TECHNOLOGIES**  
6                    **FOR USE IN THE PRODUCTION OF MAJOR DE-**  
7                    **FENSE EQUIPMENT OR ADVANCED CONVEN-**  
8                    **TIONAL WEAPONS.**

9        *(a) REPORT ON SANCTIONED PERSONS RELATING TO*  
10    *RUSSIAN FEDERATION'S NOTED VIOLATION OF THE INF*  
11    *TREATY.—*

12                    *(1) REPORT.—*

13                    *(A) IN GENERAL.—Not later than 120 days*  
14                    *after the date of enactment of this Act, the Presi-*  
15                    *dent shall submit to the appropriate congres-*  
16                    *sional committees a report that contains a list of*  
17                    *persons described in section 1290(a)(1) of the*  
18                    *National Defense Authorization Act for Fiscal*  
19                    *Year 2017 related to the Russian Federation's*  
20                    *noted violation of the INF Treaty, as noted in*  
21                    *the 2016 Report on Adherence to and Compli-*  
22                    *ance With Arms Control, Nonproliferation, and*  
23                    *Disarmament Agreements and Commitments.*

1           (B) *FORM.*—*The report required by sub-*  
2           *paragraph (A) shall be provided in unclassified*  
3           *form, but may contain a classified annex.*

4           (C) *APPROPRIATE CONGRESSIONAL COMMIT-*  
5           *TEES DEFINED.*—*In this paragraph, the term*  
6           *“appropriate congressional committees” has the*  
7           *meaning given such term in section 1290(h) of*  
8           *the National Defense Authorization Act for Fis-*  
9           *cal Year 2017.*

10          (2) *INF TREATY DEFINED.*—*In this subsection,*  
11          *the term “INF Treaty” means the Treaty Between the*  
12          *United States of America and the Union of Soviet So-*  
13          *cialist Republics on the Elimination of Their Inter-*  
14          *mediate-Range and Shorter-Range Missiles, com-*  
15          *monly referred to as the “Intermediate- Range Nu-*  
16          *clear Forces (INF) Treaty”, signed at Washington*  
17          *December 8, 1987, and entered into force June 1,*  
18          *1988.*

19          (b) *REPORT ON SUPPLY CHAINS FOR RUSSIAN ARMS*  
20          *SALES PROGRAMS.*—

21                 (1) *IN GENERAL.*—*Not later than 180 days after*  
22                 *the date of the enactment of this Act, the President*  
23                 *shall submit to the appropriate congressional commit-*  
24                 *tees a report that contains the following:*

1           (A) *An analysis of the foreign and domestic*  
2 *supply chains in the Russian Federation that di-*  
3 *rectly or indirectly significantly facilitates, sup-*  
4 *ports, or otherwise aids the Government of the*  
5 *Russian Federation’s development, export, sale,*  
6 *or transfer of major defense equipment or ad-*  
7 *vanced conventional weapons.*

8           (B) *A description of the geographic dis-*  
9 *tribution of the foreign and domestic supply*  
10 *chains described in subparagraph (A), including*  
11 *sources of sophisticated goods, services, or tech-*  
12 *nologies used for or by Russia for the develop-*  
13 *ment, export, sale, or transfer of such equipment*  
14 *or weapons.*

15           (C) *An assessment of the ability of the Rus-*  
16 *sian Government to domestically manufacture or*  
17 *otherwise produce the goods, services, or tech-*  
18 *nology necessary to support the development, ex-*  
19 *port, sale, or transfer of such equipment or*  
20 *weapons.*

21           (2) *FORM.—The report required under para-*  
22 *graph (1) shall be submitted in unclassified form, but*  
23 *may contain a classified annex.*

1           (3) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
2           *DEFINED.—In this subsection, the term “appropriate*  
3           *congressional committees” means—*

4                   (A) *the Committee on Foreign Relations*  
5                   *and the Select Committee on Intelligence of the*  
6                   *Senate; and*

7                   (B) *the Committee on Foreign Affairs and*  
8                   *the Permanent Select Committee on Intelligence*  
9                   *of the House of Representatives.*

10          (c) *IMPOSITION OF SANCTIONS WITH RESPECT TO*  
11          *CERTAIN PERSONS PROVIDING SOPHISTICATED GOODS,*  
12          *SERVICES, OR TECHNOLOGIES FOR USE IN THE PRODUC-*  
13          *TION OF MAJOR DEFENSE EQUIPMENT OR ADVANCED CON-*  
14          *VENTIONAL WEAPONS.—*

15               (1) *IDENTIFICATION.—*

16                   (A) *IN GENERAL.—Not later than 60 days*  
17                   *after the date of the submission of the report*  
18                   *under subsection (b), and annually thereafter for*  
19                   *5 years, the President shall submit to the appro-*  
20                   *priate congressional committees a report that*  
21                   *identifies each foreign person and each agency or*  
22                   *instrumentality of a foreign state that the Presi-*  
23                   *dent determines is a foreign person or an agency*  
24                   *or instrumentality of a foreign state described in*  
25                   *subparagraph (B).*



1           (B) *FOREIGN PERSON OR AGENCY OR INSTRUMENTALITY OF A FOREIGN STATE DESCRIBED.*—A foreign person or an agency or instrumentality of a foreign state described in this subparagraph is a foreign person or an agency or instrumentality of a foreign state that—

2                   (i) knowingly sells, leases, or otherwise  
3                   provides significant sophisticated goods,  
4                   services, or technology, to any entities  
5                   owned or controlled by the Government of  
6                   the Russian Federation, or

7                   (ii) engages in a significant trans-  
8                   action or transactions to sell, lease, or other-  
9                   wise provide such sophisticated goods, serv-  
10                  ices, or technologies, to entities beneficially  
11                  owned by the Russian Federation,  
12                  if such activity under clause (i) or transaction  
13                  under clause (ii) materially contributes to the  
14                  ability of Russia to develop or produce major de-  
15                  fense equipment or advanced conventional weap-  
16                  ons.

17           (C) *FORM.*—The report required under sub-  
18           paragraph (A) shall be submitted in unclassified  
19           form, but may contain a classified annex.

20           (D) *EXCEPTION.*—

1           *(i) IN GENERAL.—The President shall*  
2           *not be required to identify a foreign person*  
3           *or an agency or instrumentality of a for-*  
4           *foreign state in a report pursuant to subpara-*  
5           *graph (A) if—*

6                     *(I) the foreign person or the agen-*  
7                     *cy or instrumentality of a foreign state*  
8                     *notifies the United States Government*  
9                     *in advance that it proposes to engage*  
10                    *in an activity under subparagraph*  
11                    *(B)(i) or a transaction under subpara-*  
12                    *graph (B)(ii); and*

13                    *(II) the President determines and*  
14                    *notifies the appropriate congressional*  
15                    *committees in classified form prior to*  
16                    *the foreign person or agency or instru-*  
17                    *mentality of a foreign state engaging*  
18                    *in the activity under subparagraph*  
19                    *(B)(i) or transaction under subpara-*  
20                    *graph (B)(ii) that such activity or*  
21                    *transaction is in the national interests*  
22                    *of the United States.*

23            *(ii) NON-APPLICABILITY.—The excep-*  
24            *tion under clause (i) shall not apply with*  
25            *respect to—*

1           (I) an agency or instrumentality  
2           of a foreign state the government of  
3           which the Secretary of State deter-  
4           mines has repeatedly provided support  
5           for acts of international terrorism pur-  
6           suant to section 6(j) of the Export Ad-  
7           ministration Act of 1979 (as continued  
8           in effect pursuant to the International  
9           Emergency Economic Powers Act), sec-  
10          tion 40 of the Arms Export Control  
11          Act, section 620A of the Foreign Assist-  
12          ance Act of 1961, or any other relevant  
13          provision of law; or

14           (II) any activity under subpara-  
15          graph (B)(i) or transaction under sub-  
16          paragraph (B)(ii) that involves, di-  
17          rectly or indirectly, a foreign state de-  
18          scribed in subclause (I).

19           (2) SANCTIONS IMPOSED.—

20           (A) IN GENERAL.—Except as provided in  
21          subparagraph (C), not later than 180 days after  
22          the date of the submission of the report under  
23          subsection (b), and annually thereafter for 8  
24          years, the President shall impose one or more of  
25          the sanctions described in subparagraph (B)

1           *with respect to any foreign person or agency or*  
2           *instrumentality of a foreign state identified pur-*  
3           *suant to paragraph (1).*

4           (B) *SANCTIONS DESCRIBED.*—*The sanctions*  
5           *described in this subparagraph are the following:*

6                   (i) *No sales of any defense articles, de-*  
7                   *fense services, or design and construction*  
8                   *services under the Arms Export Control Act*  
9                   *(22 U.S.C. 2751 et seq.) may be made to the*  
10                  *foreign person or agency or instrumentality*  
11                  *of the foreign state.*

12                   (ii) *No licenses for export of any item*  
13                   *on the United States Munitions List that*  
14                   *include the foreign person or agency or in-*  
15                   *strumentality of the foreign state as a party*  
16                   *to the license may be granted.*

17                   (iii) *No exports may be permitted to*  
18                   *the foreign person or agency or instrumen-*  
19                   *tality of the foreign state of any goods or*  
20                   *technologies controlled for national security*  
21                   *reasons under the Export Administration*  
22                   *Regulations, except that such prohibition*  
23                   *shall not apply to any transaction subject*  
24                   *to the reporting requirements of title V of*  
25                   *the National Security Act of 1947 (50*

1 *U.S.C. 413 et seq.; relating to congressional*  
2 *oversight of intelligence activities).*

3 *(iv)(I) The President may exercise of*  
4 *all powers granted to the President by the*  
5 *International Emergency Economic Powers*  
6 *Act (50 U.S.C. 1701 et seq.) (except that the*  
7 *requirements of section 202 of such Act (50*  
8 *U.S.C. 1701) shall not apply) to the extent*  
9 *necessary to block and prohibit all trans-*  
10 *actions in all property and interests in*  
11 *property of a foreign person or agency or*  
12 *instrumentality of the foreign state if such*  
13 *property and interests in property are in*  
14 *the United States, come within the United*  
15 *States, or are or come within the possession*  
16 *or control of a United States person.*

17 *(II)(aa) The authority to impose sanc-*  
18 *tions under subclause (I) shall not include*  
19 *the authority to impose sanctions relating*  
20 *to the importation of goods.*

21 *(bb) In item (aa), the term “good” has*  
22 *the meaning given such term in section 16*  
23 *of the Export Administration Act of 1979*  
24 *(50 U.S.C. App. 2415) (as continued in ef-*  
25 *fect pursuant to the International Emer-*

1            *gency Economic Powers Act (50 U.S.C.*  
2            *1701 et seq.)*).

3            *(cc) The penalties provided for in sub-*  
4            *sections (b) and (c) of section 206 of the*  
5            *International Emergency Economic Powers*  
6            *Act (50 U.S.C. 1705) shall apply to a per-*  
7            *son that violates, attempts to violate, con-*  
8            *spires to violate, or causes a violation of*  
9            *regulations promulgated under this section*  
10           *to carry out subclause (I) to the same extent*  
11           *that such penalties apply to a person that*  
12           *commits an unlawful act described in sec-*  
13           *tion 206(a) of that Act.*

14           *(dd) Except as provided in subpara-*  
15           *graph (I), the President may exercise all*  
16           *authorities provided to the President under*  
17           *sections 203 and 205 of the International*  
18           *Emergency Economic Powers Act (50*  
19           *U.S.C. 1702 and 1704) for purposes of car-*  
20           *rying out subclause (I).*

21           *(C) EXCEPTIONS.—The President shall not*  
22           *be required to apply sanctions with respect to a*  
23           *foreign person or an agency or instrumentality*  
24           *of a foreign state identified pursuant to para-*  
25           *graph (1)—*

1           *(i)(I) if the President certifies to the*  
2           *appropriate congressional committees that*  
3           *the foreign person or agency or instrumen-*  
4           *tality of the foreign state—*

5                     *(aa) is no longer carrying out ac-*  
6                     *tivities or transactions for which the*  
7                     *sanctions were imposed pursuant to*  
8                     *this paragraph; or*

9                     *(bb) has taken and is continuing*  
10                    *to take significant verifiable steps to-*  
11                    *ward terminating the activities or*  
12                    *transactions for which the sanctions*  
13                    *were imposed pursuant to this para-*  
14                    *graph; and*

15           *(II) the President has received reliable*  
16           *assurances from the foreign person or the*  
17           *agency or instrumentality of the foreign*  
18           *state that it will not carry out any activi-*  
19           *ties or transactions for which sanctions may*  
20           *be imposed pursuant to this paragraph in*  
21           *the future;*

22                    *(ii) in the case of procurement of de-*  
23                    *fense articles or defense services by the*  
24                    *United States Government under existing*  
25                    *contracts or subcontracts, including the ex-*

1            *ercise of options for production quantities to*  
2            *satisfy requirements essential to the na-*  
3            *tional security of the United States, if the*  
4            *President determines in writing to the ap-*  
5            *propriate congressional committees that—*

6                    *(I) the foreign person or agency or*  
7                    *instrumentality of a foreign state to*  
8                    *which the sanctions would otherwise be*  
9                    *applied is a sole source supplier of the*  
10                   *defense articles or services, that the de-*  
11                   *fense articles or services are essential,*  
12                   *and that alternative sources are not*  
13                   *readily or reasonably available; and*

14                   *(II) it is in the national interest*  
15                   *and the President certifies such deter-*  
16                   *mination in writing to the appropriate*  
17                   *congressional committees; or*

18                   *(iii) if the President certifies in writ-*  
19                   *ing to the appropriate congressional com-*  
20                   *mittees that the identification of the foreign*  
21                   *person or agency or instrumentality of a*  
22                   *foreign state would impede the supply by*  
23                   *any entity of the Russian Federation of a*  
24                   *product or service, or the procurement of*



1           *such product or service, by the Government*  
2           *of the United States—*

3                     *(I) for purposes of civil aviation*  
4                     *safety; or*

5                     *(II) in connection with any space*  
6                     *launch conducted for the Government*  
7                     *of the United States.*

8           (3) *WAIVER.—The President may waive the ap-*  
9           *plication of paragraph (2) for renewable periods not*  
10          *to exceed 180 days with respect to a foreign person*  
11          *or foreign persons, or agency or instrumentality of a*  
12          *foreign state, if the President—*

13                    *(A) determines that the waiver is important*  
14                    *to the national security of the United States; and*

15                    *(B) before the waiver takes effect, briefs the*  
16                    *appropriate congressional committees on the*  
17                    *waiver and the reason for the waiver.*

18          (4) *DEFINITIONS.—In this subsection:*

19                    *(A) ADVANCED CONVENTIONAL WEAPONS.—*  
20                    *The term “advanced conventional weapons” in-*  
21                    *cludes—*

22                            *(i) such long-range precision-guided*  
23                            *munitions, fuel air explosives, cruise mis-*  
24                            *siles, low observability aircraft, other radar*  
25                            *evading aircraft, advanced military air-*

1           *craft, military satellites, electromagnetic*  
2           *weapons, and laser weapons that the Presi-*  
3           *dent determines enhance offensive capabili-*  
4           *ties in destabilizing ways;*

5           *(ii) such advanced command, control,*  
6           *and communications systems, electronic*  
7           *warfare systems, or intelligence collection*  
8           *systems that the President determines en-*  
9           *hance offensive capabilities in destabilizing*  
10          *ways;*

11          *(iii) the S-300 and S-400 missile de-*  
12          *fense systems and air superiority fighters;*  
13          *and*

14          *(iv) such other items or systems as the*  
15          *President may, by regulation, determine*  
16          *necessary for purposes of this subsection.*

17          *(B) AGENCY OR INSTRUMENTALITY OF A*  
18          *FOREIGN STATE.—The term “agency or instru-*  
19          *mentality of a foreign state” has the meaning*  
20          *given such term in section 1603(b) of title 28,*  
21          *United States Code.*

22          *(C) APPROPRIATE CONGRESSIONAL COMMIT-*  
23          *TEES.—The term “appropriate congressional*  
24          *committees” means—*

1           (i) *the Committee on Foreign Rela-*  
2           *tions, the Committee on Armed Services, the*  
3           *Committee on Banking, Housing, and*  
4           *Urban Affairs, and the Committee on Fi-*  
5           *nance of the Senate; and*

6           (ii) *the Committee on Foreign Affairs,*  
7           *the Committee on Armed Services, the Com-*  
8           *mittee on Financial Services, and the Com-*  
9           *mittee on Ways and Means of the House of*  
10           *Representatives.*

11           (D) *FOREIGN PERSON.*—*The term “foreign*  
12           *person” means—*

13           (i) *an individual who is not a United*  
14           *States person; or*

15           (ii) *a corporation, partnership, or*  
16           *other nongovernmental entity which is not a*  
17           *United States person.*

18           (E) *MAJOR DEFENSE EQUIPMENT.*—*The*  
19           *term “major defense equipment” has the mean-*  
20           *ing given such term under section 120.8 of title*  
21           *22, Code of Federal Regulations (as in effect on*  
22           *the date of the enactment of this Act).*

23           (F) *PERSON.*—*The term “person” means—*

24           (i) *a natural person;*

1           (ii) a corporation, business association,  
2           partnership, society, trust, financial institu-  
3           tion, insurer, underwriter, guarantor, and  
4           any other business organization, any other  
5           nongovernmental entity, organization, or  
6           group, and any governmental entity oper-  
7           ating as a business enterprise; and

8           (iii) any successor to any entity de-  
9           scribed in clause (ii).

10           (G) UNITED STATES PERSON.—The term  
11           “United States person” means—

12           (i) a United States citizen or an alien  
13           lawfully admitted for permanent residence  
14           to the United States;

15           (ii) an entity organized under the laws  
16           of the United States or of any jurisdiction  
17           within the United States, including a for-  
18           eign branch of such an entity; or

19           (iii) any person in the United States.

20           (5) DETERMINATION OF SOPHISTICATED.—The  
21           Secretary of State, with the concurrence of the Sec-  
22           retary of Defense and in coordination with the heads  
23           of other relevant Federal agencies, shall promulgate  
24           regulations to determine if a good, service, or tech-  
25           nology is sophisticated for purposes of this section.

1           (6) *DETERMINATION OF BENEFICIAL OWNER-*  
2           *SHIP.*—Not later than 90 days after the date of the  
3           enactment of this Act, the President shall promulgate  
4           regulations for determining beneficial ownership of an  
5           entity described in paragraph (1)(B)(ii) to be less  
6           than fifty percent ownership.

7           (7) *COOPERATION.*—The Secretary of State shall  
8           seek to consult and cooperate with United States al-  
9           lies and partners to impose sanctions as required  
10          under this subsection and to maximize the effect of  
11          these sanctions.

12          (8) *EFFECTIVE DATE.*—This subsection takes ef-  
13          fect on the date of the enactment of this Act and ap-  
14          plies with respect to activities and transactions de-  
15          scribed in paragraph (1) that are carried out on or  
16          after such date of enactment.

17          (d) *ADDITIONAL MEASURES FOR THE PURCHASE OF*  
18          *CERTAIN DEFENSE ARTICLES OR DEFENSE SERVICES*  
19          *FROM RUSSIA.*—

20                 (1) *IN GENERAL.*—In the case of an agency or  
21                 instrumentality of the Islamic Republic of Iran or of  
22                 any other state sponsor of terrorism that engages in  
23                 the activities described in paragraph (2), the Presi-  
24                 dent shall, pursuant to section 6 of the Export Ad-  
25                 ministration Act of 1979 (as continued in effect pur-

1        *suant to the International Emergency Economic Pow-*  
2        *ers Act (50 U.S.C. 1701 et seq.), require a license*  
3        *under the Export Administration Regulations to ex-*  
4        *port, re-export, or transfer to that foreign state, or*  
5        *specific sectors of that foreign state, any item subject*  
6        *to the Export Administration Regulations other than*  
7        *food, medicine, or medical devices.*

8            (2) *ACTIVITIES DESCRIBED.—The activities de-*  
9        *scribed in this paragraph are the purchase, lease, or*  
10       *acquisition, on or after March 6, 2014, of major de-*  
11       *fense equipment or advanced conventional weapons*  
12       *from the Russian Federation.*

13           (3) *SUSPENSION OF APPLICATION.—The Presi-*  
14       *dent may suspend the application of the measures de-*  
15       *scribed in paragraph (1) for renewable periods not to*  
16       *exceed 180 days if the President determines and re-*  
17       *ports to the appropriate congressional committees that*  
18       *it is in the national security interest of the United*  
19       *States to do so.*

20           (4) *RULE OF CONSTRUCTION.—Nothing in this*  
21       *subsection shall be construed to apply to reexports of*  
22       *foreign manufactured items by non-United States*  
23       *persons that contain less than 10 percent United*  
24       *States-origin content, or previously licensed exports,*  
25       *reexports, or transfers.*

1 (5) *DEFINITIONS.—In this subsection:*

2 (A) *ADVANCED CONVENTIONAL WEAPONS.—*  
3 *The term “advanced conventional weapons” has*  
4 *the meaning given such term in subsection (c).*

5 (B) *APPROPRIATE CONGRESSIONAL COMMIT-*  
6 *TEES.—The term “appropriate congressional*  
7 *committees” means the Committee on Foreign*  
8 *Relations of the Senate and the Committee on*  
9 *Foreign Affairs of the House of Representatives.*

10 (C) *EXPORT ADMINISTRATION REGULA-*  
11 *TIONS.—The term “Export Administration Reg-*  
12 *ulations” means subchapter C of chapter VII of*  
13 *title 15, Code of Federal Regulations (as in effect*  
14 *on the date of the enactment of this Act).*

15 (D) *MAJOR DEFENSE EQUIPMENT.—The*  
16 *term “major defense equipment” has the mean-*  
17 *ing given such term in subsection (c).*

18 (E) *STATE SPONSOR OF TERRORISM.—The*  
19 *term “state sponsor of terrorism” means a coun-*  
20 *try the government of which the Secretary of*  
21 *State determines has repeatedly provided support*  
22 *for acts of international terrorism pursuant to*  
23 *section 6(j) of the Export Administration Act of*  
24 *1979 (as continued in effect pursuant to the*  
25 *International Emergency Economic Powers Act),*

1           *section 40 of the Arms Export Control Act, sec-*  
2           *tion 620A of the Foreign Assistance Act of 1961,*  
3           *or any other relevant provision of law.*

4           (6) *EFFECTIVE DATE.*—*The licensing require-*  
5           *ment under paragraph (1) shall take effect not later*  
6           *than 90 days after the date of the enactment of this*  
7           *Act.*

8           (e) *SPECIAL RULE TO ALLOW FOR TERMINATION OF*  
9           *SANCTIONS WITH RESPECT TO PERSONS ENGAGING IN*  
10           *TRANSACTIONS WITH THE INTELLIGENCE OR DEFENSE*  
11           *SECTORS OF THE GOVERNMENT OF THE RUSSIAN FEDERA-*  
12           *TION.*—*Section 231 of the Countering America’s Adver-*  
13           *saries Through Sanctions Act (Public Law 115–44; 22*  
14           *U.S.C. 9525) is amended—*

15                   (1) *by redesignating subsections (d) and (e) as*  
16                   *subsection (e) and (f), respectively; and*

17                   (2) *by inserting after subsection (c), as amended,*  
18                   *the following new subsection:*

19                   “(d) *SPECIAL RULE TO ALLOW FOR TERMINATION OF*  
20                   *SANCTIONABLE ACTIVITY.*—

21                           “(1) *CERTIFICATION.*—*The President shall not be*  
22                           *required to apply sanctions to a person described in*  
23                           *subsection (a) for renewable periods not to exceed 180*  
24                           *days with respect to the person if the President cer-*



1       *tifies in writing to the appropriate congressional*  
2       *committees that—*

3               “(A) *the person—*

4                       “(i) *is no longer engaging in the activ-*  
5                       *ity described in subsection (a);*

6                       “(ii) *has taken and is continuing to*  
7                       *take significant verifiable steps toward ter-*  
8                       *minating the activity described in that sub-*  
9                       *section; or*

10                      “(iii) *has agreed to reduce reliance*  
11                      *upon Russian defense or intelligence sectors*  
12                      *of the Government of the Russian Federa-*  
13                      *tion trade over a specified period;*

14                      “(B) *the person is taking specified actions*  
15                      *to further the enforcement of this section; and*

16                      “(C) *the President has received reliable as-*  
17                      *surances from the government with primary ju-*  
18                      *risdiction over the person that the person will*  
19                      *not engage in any activity described in sub-*  
20                      *section (a) in the future outside of the param-*  
21                      *eters of any actions specified in subparagraph*  
22                      *(A)(ii) or (iii) of such certification.*

23                      “(2) *FORM.—The certification described in para-*  
24                      *graph (1) shall be transmitted in an unclassified*  
25                      *form, and may contain a classified annex.”.*

1           (f) *EXCEPTION RELATING TO IMPORTATION OF*  
2 *GOODS.*—No provision affecting sanctions under this sec-  
3 tion or an amendment made by this section shall apply to  
4 any portion of a sanction that affects the importation of  
5 goods.

6           (g) *TERMINATION.*—This section, including the author-  
7 ity to impose sanctions under this section and any sanc-  
8 tions so imposed, and any amendment made by this section  
9 shall terminate on the date that is 5 years after the date  
10 of the enactment of this Act.

11 **SEC. 1237. EXTENSION OF LIMITATION ON MILITARY CO-**  
12 **OPERATION BETWEEN THE UNITED STATES**  
13 **AND THE RUSSIAN FEDERATION.**

14           Section 1232(a) of the National Defense Authorization  
15 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
16 2488), as amended by section 1231 of the National Defense  
17 Authorization Act for Fiscal Year 2018 (Public Law 115–  
18 91), is further amended by striking “or 2018” and inserting  
19 “, 2018, or 2019”.

20 **SEC. 1238. SENSE OF CONGRESS REGARDING RUSSIA’S VIO-**  
21 **LATIONS OF THE CHEMICAL WEAPONS CON-**  
22 **VENTION.**

23           (a) *FINDINGS.*—Congress finds the following:

24                   (1) *The United States ratified the Convention on*  
25 *the Prohibition of the Development, Production,*

1       *Stockpiling and Use of Chemical Weapons and on*  
2       *their Destruction, known as the “Chemical Weapons*  
3       *Convention”, on April 24, 1997.*

4               (2) *The Russian Federation ratified the Chem-*  
5       *ical Weapons Convention on November 5, 1997.*

6               (3) *Article 1 of the Chemical Weapons Conven-*  
7       *tion requires all signatories to “never under any cir-*  
8       *cumstances...use chemical weapons”.*

9               (4) *Russia’s stock of chemical weapons has been*  
10       *implicated in the assassination or injuries of the fol-*  
11       *lowing individuals:*

12                   (A) *Sergei Skripal, Yulia Skripal, and*  
13       *Wiltshire Police Detective Sergeant Nicholas*  
14       *Bailey, poisoned using the nerve agent*  
15       *“novichok” in Salisbury, England, in March*  
16       *2018.*

17                   (B) *Alexander Litvinenko, poisoned using*  
18       *polonium, in London, England, in November*  
19       *2006, about whose death a January 2016 inquest*  
20       *ordered by the British Parliament concluded*  
21       *“the FSB operation to kill Mr Litvinenko was*  
22       *probably approved by Mr Patrushev [then-direc-*  
23       *tor of the FSB] and also by President Putin”.*

1           (5) *Russia has also demonstrated its disregard*  
2 *for the obligations imposed by the Chemical Weapons*  
3 *Convention by—*

4           (A) *continuing to provide military and dip-*  
5 *lomatic support for Syrian President Bashar al-*  
6 *Assad, who has used chemical weapons including*  
7 *chlorine gas and sarin against Syrian citizens;*

8           (B) *actively working to hinder the efforts of*  
9 *inspectors of the Organization for the Prohibi-*  
10 *tion of Chemical Weapons in Syria; and*

11           (C) *consistently using its veto power at the*  
12 *United Nations Security Council to prevent ef-*  
13 *fective international action against Assad for*  
14 *such activities.*

15           (6) *The Condition 10(C) Report on Compliance*  
16 *with the Convention on the Prohibition of the Devel-*  
17 *opment, Production, Stockpiling and Use of Chemical*  
18 *Weapons and on Their Destruction published by the*  
19 *Department of State in March 2018 asserts that*  
20 *“Based on available information, the United States*  
21 *cannot certify that Russia has met its obligations*  
22 *under the Chemical Weapons Convention for declara-*  
23 *tion of its: (1) [chemical weapons production facili-*  
24 *ties]; (2) [chemical weapons] development facilities;*  
25 *and (3) [chemical weapons] stockpiles. In fact, due to*

1 *Russia’s March 4, 2018, use of a military-grade nerve*  
2 *agent to attack two individuals in the United King-*  
3 *dom, the United States certifies that the Russian Fed-*  
4 *eration is in non-compliance with its obligations*  
5 *under the [Chemical Weapons Convention].”.*

6 *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
7 *that the Russia’s actions constitute violations of Russia’s*  
8 *obligations under the Chemical Weapons Convention.*

9 **SEC. 1239. UNITED STATES ACTIONS REGARDING MATERIAL**  
10 **BREACH OF INF TREATY BY THE RUSSIAN**  
11 **FEDERATION.**

12 *(a) UNITED STATES ACTIONS.—If the President does*  
13 *not certify to the appropriate congressional committees that*  
14 *the Russian Federation has returned to full and verifiable*  
15 *compliance with the INF Treaty within one year of the date*  
16 *of the enactment of this Act, the prohibitions set forth in*  
17 *Article VI of the INF Treaty shall no longer be binding*  
18 *on the United States as a matter of United States law.*

19 *(b) DEFINITIONS.—In this section:*

20 *(1) APPROPRIATE CONGRESSIONAL COMMIT-*  
21 *TEES.—The term “appropriate congressional commit-*  
22 *tees” means—*

23 *(A) the congressional defense committees;*  
24 *and*

1           (B) *the Committee on Foreign Relations of*  
2           *the Senate and the Committee on Foreign Affairs*  
3           *of the House of Representatives.*

4           (2) *INF TREATY.*—*The term “INF Treaty”*  
5           *means the Treaty Between the United States of Amer-*  
6           *ica and the Union of Soviet Socialist Republics on*  
7           *the Elimination of Their Intermediate-Range and*  
8           *Shorter-Range Missiles, commonly referred to as the*  
9           *“Intermediate-Range Nuclear Forces (INF) Treaty”,*  
10           *signed at Washington December 8, 1987, and entered*  
11           *into force June 1, 1988.*

12 **SEC. 1240. LIMITATION ON AVAILABILITY OF FUNDS TO EX-**  
13           **TEND THE IMPLEMENTATION OF THE NEW**  
14           **START TREATY.**

15           (a) *FINDINGS.*—*Congress finds the following:*

16           (1) *The New START Treaty provides that,*  
17           *“[w]hen a Party believes that a new kind of strategic*  
18           *offensive arm is emerging, that Party shall have the*  
19           *right to raise the question of such a strategic offensive*  
20           *arm for consideration in the Bilateral Consultative*  
21           *Commission”.*

22           (2) *Russian Federation President Vladimir*  
23           *Putin stated in a March 1, 2018, public speech that—*

24           (A) *“I will speak about the newest systems*  
25           *of Russian strategic weapons that we are cre-*

1           *ating. . .we have embarked on the development*  
2           *of the next generation of missiles.”;*

3           *(B) “We started to develop new types of*  
4           *strategic arms that do not use ballistic trajec-*  
5           *tories at all when moving toward a target.”;*

6           *(C) “One of them is a small-scale heavy-*  
7           *duty nuclear energy unit that can be installed in*  
8           *a missile like our latest X-101 air-launched mis-*  
9           *sile. . .In late 2017, Russia successfully*  
10          *launched its latest nuclear-powered missile at the*  
11          *central training ground. During its flight, the*  
12          *nuclear-powered engine reached its design capac-*  
13          *ity and provided the necessary propulsion.”;*

14          *(D) “[i]n December 2017, an innovative*  
15          *nuclear power unit for this unmanned under-*  
16          *water vehicle completed a test cycle that lasted*  
17          *many years. . .[t]he tests that were conducted*  
18          *enabled us to begin developing a new type of*  
19          *strategic weapon that would carry massive nu-*  
20          *clear ordnance”;*

21          *(E) “[b]y the way, we have yet to choose*  
22          *names for these two new strategic weapons, the*  
23          *global range cruise missile and the unmanned*  
24          *underwater vehicle. We are waiting for sugges-*  
25          *tions from the Defence Ministry”;*

1           (F) “A real technological breakthrough is  
2           the development of a strategic missile system  
3           with fundamentally new combat equipment- a  
4           gliding wing unit, which has also been success-  
5           fully tested. . .[w]e called it the Avangard”; and

6           (G) “I want to specifically emphasise that  
7           the newly developed strategic arms - in fact, new  
8           types of strategic weapons- are not the result of  
9           something left over from the Soviet Union. Of  
10          course, we relied on some ideas from our inge-  
11          nious predecessors. But everything I have de-  
12          scribed today is the result of the last several  
13          years, the product of dozens of research  
14          organisations, design bureaus and institute.”.

15          (3) During the House Armed Services Committee  
16          hearing on April 12, 2018, Secretary of Defense  
17          James Mattis was asked whether Russia should honor  
18          the terms of the treaty and limit its new strategic of-  
19          fensive arms under the New START Treaty as it re-  
20          quires and he stated “Sir, I believe they should.”.

21          (b) LIMITATION.—None of the funds authorized to be  
22          appropriated or otherwise made available for fiscal year  
23          2019 for the Department of Defense may be obligated or  
24          expended to extend the implementation of the New START  
25          Treaty unless and until the President—



1           (1) certifies to the appropriate congressional  
2 committees that—

3           (A) the President has raised the issue of  
4 covered Russian systems in the appropriate fora  
5 with the Russian Federation under Article V of  
6 the New START Treaty or otherwise; and

7           (B) the Russian Federation has responded  
8 in writing to the United States as to whether  
9 they will agree to declare the covered Russian  
10 systems as strategic offensive arms or otherwise  
11 pursuant to the New START Treaty;

12           (2) submits a copy of the written response of the  
13 Russian Federation described in paragraph (1)(B) to  
14 the appropriate congressional committees; and

15           (3) notifies the appropriate congressional com-  
16 mittees as to whether the position of the Russian Fed-  
17 eration threatens the viability of the New START  
18 Treaty or requires appropriate United States polit-  
19 ical, economic, or military responses.

20 (c) DEFINITIONS.—In this section:

21           (1) APPROPRIATE CONGRESSIONAL COMMIT-  
22 TEES.—The term “appropriate congressional commit-  
23 tees” means—

24           (A) the congressional defense committees;

25           and

1           (B) *the Committee on Foreign Relations of*  
2           *the Senate and the Committee on Foreign Affairs*  
3           *of the House of Representatives.*

4           (2) *COVERED RUSSIAN SYSTEMS.—The term*  
5           *“covered Russian systems” means the following:*

6           (A) *The heavy intercontinental missile sys-*  
7           *tem known as “Sarmat” or otherwise identified.*

8           (B) *An air-launched nuclear-powered cruise*  
9           *missile known as “X-101” or otherwise identi-*  
10           *fied.*

11           (C) *An unmanned underwater vehicle*  
12           *known as “Status 6” or otherwise identified.*

13           (D) *The long-distance guided flight*  
14           *hypersonic weapons system known by*  
15           *“Avanguard” or otherwise identified.*

16           (3) *NEW START TREATY.—The term “New*  
17           *START Treaty” means the Treaty between the*  
18           *United States of America and the Russian Federation*  
19           *on Measures for the Further Reduction and Limita-*  
20           *tion of Strategic Offensive Arms, signed at Prague*  
21           *April 8, 2010, and entered into force February 5,*  
22           *2011.*

1 ***Subtitle E—Matters Relating to the***  
2 ***Indo-Pacific Region***

3 ***SEC. 1251. SUPPORT FOR INDO-PACIFIC STABILITY INITIA-***  
4 ***TIVE.***

5 *(a) SENSE OF CONGRESS.—It is the sense of Congress*  
6 *that—*

7 *(1) the Initiative established pursuant to sub-*  
8 *section (b) of section 1251 of the National Defense Au-*  
9 *thorization Act for Fiscal Year 2018 (Public Law*  
10 *115–91; 131 Stat. 1676) bolsters the efforts of the*  
11 *United States and its allies and partners in the Indo-*  
12 *Pacific region to deter aggression by providing re-*  
13 *sources to—*

14 *(A) increase the presence and capabilities*  
15 *and enhance the posture of the United States*  
16 *Armed Forces in the region;*

17 *(B) improve military and defense infra-*  
18 *structure, basing, logistics, and access in the*  
19 *Indo-Pacific region in order to enhance the re-*  
20 *sponsiveness and capabilities of the United*  
21 *States Armed Forces; and*

22 *(C) increase bilateral and multilateral*  
23 *training and exercises with regional allies and*  
24 *partners; and*

1           (2) *the United States should develop a multi-*  
2           *year strategic plan that specifies resource priorities to*  
3           *meet the objectives and the activities of the Initiative*  
4           *described in subsection (c) of such section 1251.*

5           **(b) REQUIREMENT AND RESOURCE PLAN.**—*Not later*  
6           *than March 1, 2019, the Secretary of Defense, in consulta-*  
7           *tion with the Secretary of State, shall submit to the appro-*  
8           *priate congressional committees a requirement and resource*  
9           *plan that includes the following:*

10           (1) *An analysis of the challenges faced by the*  
11           *United States to meet the objectives and activities*  
12           *outlined in subsection (c) of such section 1251.*

13           (2) *The plan, resource requirements, and any ad-*  
14           *ditional authorities needed through fiscal year 2024*  
15           *to address such challenges.*

16           **(c) FORM.**—*The report required by subsection (b) shall*  
17           *be submitted in unclassified form but may include a classi-*  
18           *fied annex.*

19           **(d) INCLUSION IN BUDGET MATERIALS.**—*The Sec-*  
20           *retary of Defense shall also include the requirement and re-*  
21           *source plan required by subsection (b) in the budget mate-*  
22           *rials submitted by the Secretary in support of the budget*  
23           *of the President for fiscal year 2020 (submitted to Congress*  
24           *pursuant to section 1105 of title 31, United States Code).*

1           (e) *CONFORMING AMENDMENT.*—Section 1251 of the  
2 *National Defense Authorization Act for Fiscal Year 2018*  
3 *is amended by striking “Indo-Asia-Pacific” and inserting*  
4 *“Indo-Pacific” each place it appears.*

5           (f) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
6 *FINED.*—*In this section, the term “appropriate congres-*  
7 *sional committees” means—*

8                   (1) *the congressional defense committees; and*  
9                   (2) *the Committee on Foreign Relations of the*  
10           *Senate and the Committee on Foreign Affairs of the*  
11           *House of Representatives.*

12 **SEC. 1252. UNITED STATES STRATEGY ON CHINA.**

13           (a) *FINDINGS.*—*Congress finds the following:*

14                   (1) *The United States has a national strategic*  
15           *interest in ensuring that the United States maintains*  
16           *political, diplomatic, economic, military, and techno-*  
17           *logical advantages over competitive adversaries.*

18                   (2) *The 2018 National Defense Strategy states*  
19           *that “the central challenge to the U.S. prosperity and*  
20           *security is the reemergence of long-term, strategic*  
21           *competition by what the National Security Strategy*  
22           *classifies as revisionist powers. It is increasingly clear*  
23           *that China and Russia want to shape a world con-*  
24           *sistent with their authoritarian model—gaining veto*

1 *authority over other nations’ economic, diplomatic,*  
2 *and security decisions”.*

3 (3) *The 2018 National Defense Strategy further*  
4 *states that “China is leveraging military moderniza-*  
5 *tion, influence operations, and predatory economics to*  
6 *coerce neighboring countries to reorder the Indo-Pa-*  
7 *cific region to their advantage. As China continues its*  
8 *economic and military ascendance, asserting power*  
9 *through an all-of-nation long term strategy, it will*  
10 *continue to pursue a military modernization program*  
11 *that seeks Indo-Pacific regional hegemony in the*  
12 *near-term and displacement of the United States to*  
13 *achieve global preeminence in the future”.*

14 (4) *Statements by officials of the United States*  
15 *and leading experts have emphasized that the United*  
16 *States requires a whole-of-government response, across*  
17 *the full spectrum of capabilities, to address the chal-*  
18 *lenges posed by China.*

19 (b) *STATEMENT OF POLICY.—Congress declares that*  
20 *long-term strategic competition with China is a principal*  
21 *priority for the United States that requires the integration*  
22 *of multiple elements of national power, including diplo-*  
23 *matic, economic, intelligence, law enforcement, and mili-*  
24 *tary elements, to protect and strengthen national security.*

25 (c) *STRATEGY REQUIRED.—*

1           (1) *IN GENERAL.*—Not later than March 1, 2019,  
2           the President shall submit to the appropriate congres-  
3           sional committees a report containing a whole-of-gov-  
4           ernment strategy with respect to the People’s Republic  
5           of China.

6           (2) *ELEMENTS OF STRATEGY.*—The strategy re-  
7           quired by paragraph (1) shall include the following:

8                   (A) *Strategic assessments of and planned*  
9                   *responses to address the following activities by*  
10                  *the Chinese Communist Party:*

11                           (i) *The use of political influence, infor-*  
12                           *mation operations, censorship, and propa-*  
13                           *ganda to undermine democratic institutions*  
14                           *and processes, and the freedoms of speech,*  
15                           *expression, press, and academic thought.*

16                           (ii) *The use of intelligence networks to*  
17                           *exploit open research and development.*

18                           (iii) *The use of economic tools, includ-*  
19                           *ing market access and investment to gain*  
20                           *access to sensitive United States industries.*

21                           (iv) *Malicious cyber activities.*

22                           (v) *The use of investment, infrastruc-*  
23                           *ture, and development projects, such as Chi-*  
24                           *na’s Belt and Road Initiative, in Africa,*  
25                           *Europe, Central Asia, South America, and*

1           *the Indo-Pacific region, and the Polar Silk*  
2           *Road in the Arctic, as a means to gain ac-*  
3           *cess and influence.*

4           *(vi) The use of military activities, ca-*  
5           *pabilities, and defense installations, and hy-*  
6           *brid warfare methods, short of traditional*  
7           *armed conflict, against the United States or*  
8           *its allies and partners.*

9           *(B) Available or planned methods to en-*  
10          *hance strategic communication to counter Chi-*  
11          *nese influence and promote United States inter-*  
12          *ests.*

13          *(C) An identification of the key diplomatic,*  
14          *development, intelligence, military, and economic*  
15          *resources necessary to implement the strategy.*

16          *(D) A plan to maximize the coordination*  
17          *and effectiveness of such resources to counter the*  
18          *threats posed by the activities described in sub-*  
19          *paragraph (A).*

20          *(E) Available or planned interagency mech-*  
21          *anisms for the coordination and implementation*  
22          *of the strategy.*

23          *(3) FORM.—The report required by paragraph*  
24          *(1) shall be submitted in unclassified form, but may*  
25          *include a classified annex.*



1           (4) *ANNUAL BUDGET SUBMISSION.*—*The Presi-*  
2           *dent shall ensure that the annual budget submitted to*  
3           *Congress pursuant to section 1105 of title 31, United*  
4           *States Code clearly highlights the programs and*  
5           *projects proposed to be funded that relate to the strat-*  
6           *egy required by paragraph (1).*

7           (5) *APPROPRIATE CONGRESSIONAL COMMIT-*  
8           *TEES.*—*In this section, the term “appropriage con-*  
9           *gressional committees” means—*

10                   (A) *the Committee on Armed Services, the*  
11                   *Committee on Foreign Relations, the Select Com-*  
12                   *mittee on Intelligence, the Committee on Fi-*  
13                   *nance, the Committee on Homeland Security*  
14                   *and Governmental Affairs, the Committee on the*  
15                   *Judiciary, the Committee on Commerce, Science,*  
16                   *and Transportation, and the Committee on the*  
17                   *Budget of the Senate; and*

18                   (B) *the Committee on Armed Services, the*  
19                   *Committee on Foreign Affairs, the Permanent*  
20                   *Select Committee on Intelligence, the Committee*  
21                   *on Financial Services, the Committee on Home-*  
22                   *land Security, the Committee on the Judiciary,*  
23                   *the Committee on Energy and Commerce, and*  
24                   *the Committee on the Budget of the House of*  
25                   *Representatives.*

1 **SEC. 1253. STRENGTHENING TAIWAN'S FORCE READINESS.**

2 (a) *DEFENSE ASSESSMENT.*—The Secretary of Defense  
3 shall, in consultation with appropriate counterparts of Tai-  
4 wan, conduct a comprehensive assessment of Taiwan's mili-  
5 tary forces, particularly Taiwan's reserves. The assessment  
6 shall provide recommendations to improve the efficiency, ef-  
7 fectiveness, readiness, and resilience of Taiwan's self-defense  
8 capability in the following areas:

9 (1) *Personnel management and force develop-*  
10 *ment, particularly reserve forces.*

11 (2) *Recruitment, training, and military pro-*  
12 *grams.*

13 (3) *Command, control, communications and in-*  
14 *telligence.*

15 (4) *Technology research and development.*

16 (5) *Defense article procurement and logistics.*

17 (6) *Strategic planning and resource manage-*  
18 *ment.*

19 (b) *REPORT REQUIRED.*—

20 (1) *IN GENERAL.*—Not later than 1 year after  
21 the date of the enactment of this Act, the Secretary of  
22 Defense, in consultation with the Secretary of State,  
23 shall submit to the appropriate congressional commit-  
24 tees a report containing each of the following:

25 (A) *A summary of the assessment conducted*  
26 *pursuant to subsection (a).*

1           (B) *A list of any recommendations resulting*  
2 *from such assessment.*

3           (C) *A plan for the United States, including*  
4 *by using appropriate security cooperation au-*  
5 *thorities, to—*

6                 (i) *facilitate any relevant recommenda-*  
7 *tions from such list;*

8                 (ii) *expand senior military-to-military*  
9 *engagement and joint training by the*  
10 *United States Armed Forces with the mili-*  
11 *tary of Taiwan; and*

12                 (iii) *support United States foreign*  
13 *military sales and other equipment trans-*  
14 *fers to Taiwan, particularly for developing*  
15 *asymmetric warfare capabilities.*

16           (2) *APPROPRIATE SECURITY COOPERATION AU-*  
17 *THORITIES.—For purposes of the plan described in*  
18 *paragraph (1)(C), the term “appropriate security co-*  
19 *operation authorities” means—*

20                 (A) *section 311 of title 10, United States*  
21 *Code (relating to exchange of defense personnel);*

22                 (B) *section 332 such title (relating to de-*  
23 *fense institution building); and*

24                 (C) *other security cooperation authorities*  
25 *under chapter 16 of such title.*

1           (3) *APPROPRIATE CONGRESSIONAL COMMIT-*  
2           *TEES.—In this subsection, the term “appropriate con-*  
3           *gressional committees” means—*

4                     (A) *the congressional defense committees;*

5                     *and*

6                     (B) *the Committee on Foreign Relations of*  
7                     *the Senate and the Committee on Foreign Affairs*  
8                     *of the House of Representatives.*

9   **SEC. 1254. MODIFICATION, REDESIGNATION, AND EXTEN-**  
10                   **SION OF SOUTHEAST ASIA MARITIME SECU-**  
11                   **RITY INITIATIVE.**

12           (a) *MODIFICATION AND REDESIGNATION.—*

13                     (1) *IN GENERAL.—Subsection (a) of section 1263*  
14                     *of the National Defense Authorization Act for Fiscal*  
15                     *Year 2016 (Public Law 114–92; 129 Stat. 1073; 10*  
16                     *U.S.C. 2282 note), as amended by section 1289 of the*  
17                     *National Defense Authorization Act for Fiscal Year*  
18                     *2017 (Public Law 114–328; 130 Stat. 2555), is fur-*  
19                     *ther amended—*

20                             (A) *in paragraph (1), by striking “South*  
21                             *China Sea” and inserting “South China Sea*  
22                             *and Indian Ocean”; and*

23                             (B) *in paragraph (2), by striking “the*  
24                             *‘Southeast Asia Maritime Security Initiative’”*

1           and inserting “the ‘Indo-Pacific Maritime Security Initiative’”.

3           (2) *CONFORMING AMENDMENT.*—*The heading of*  
4           *such section is amended to read as follows:*

          “*Sec. 1263. Indo-Pacific Maritime Security Initiative.*”.

5           (b) *COVERED COUNTRIES.*—*Subsection (e)(2) of such*  
6           *section is amended by adding at the end the following:*

7                         “(D) *India.*”.

8           (c) *DESIGNATION OF ADDITIONAL COUNTRIES.*—*Such*  
9           *section is further amended—*

10                   (1) *in subsection (e)(1), by striking “subsection*  
11                   *(f)” and inserting “subsection (g)”;*

12                   (2) *by redesignating subsections (f), (g), and (h)*  
13                   *as subsections (g), (h), and (i), respectively; and*

14                   (3) *by inserting after subsection (e) the following:*

15                   “(f) *INCLUSION OF ADDITIONAL COUNTRIES.*—*The*  
16                   *Secretary of Defense, with the concurrence of the Secretary*  
17                   *of State, is authorized to include additional foreign coun-*  
18                   *tries under subsection (b) for purposes of providing assist-*  
19                   *ance and training under subsection (a) and additional for-*  
20                   *ign countries under subsection (e)(2) for purposes of pro-*  
21                   *viding payment of incremental expenses in connection with*  
22                   *training described in subsection (a)(1)(B) if, with respect*  
23                   *to each such additional foreign country, the Secretary deter-*  
24                   *mines and certifies to the appropriate committees of Con-*  
25                   *gress that it is important for increasing maritime security*

1 *and maritime domain awareness in the Indo-Pacific re-*  
2 *gion.”.*

3 (d) *EXTENSION.*—*Subsection (i) of such section, as re-*  
4 *designated, is amended by striking “September 30, 2020”*  
5 *and inserting “September 30, 2023”.*

6 **SEC. 1255. MISSILE DEFENSE EXERCISES IN THE INDO-PA-**  
7 **CIFIC REGION WITH UNITED STATES RE-**  
8 **GIONAL ALLIES AND PARTNERS.**

9 (a) *FINDINGS.*—*Congress finds the following:*

10 (1) *The Democratic People’s Republic of Korea*  
11 *(North Korea) continues to develop, test, and threaten*  
12 *the use of intercontinental ballistic missiles and nu-*  
13 *clear weapons that threaten the United States and*  
14 *United States allies and partners.*

15 (2) *The People’s Republic of China and the Rus-*  
16 *sian Federation continue to develop and deploy ad-*  
17 *vanced counter-intervention technologies, including*  
18 *fielding and testing highly maneuverable reentry vehi-*  
19 *cles and warheads (such as hypersonic weapons), and*  
20 *cruise missiles and small-unmanned aircraft systems*  
21 *(UAS) that challenge United States strategic, oper-*  
22 *ational, and tactical freedom of movement and ma-*  
23 *neuver.*

24 (b) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
25 *that the United States should—*

1           (1) *continue to develop and deploy a robust mis-*  
2           *sile defense in the Indo-Pacific region;*

3           (2) *increase the capacity of interceptors, sensors,*  
4           *and operational concepts in the region;*

5           (3) *continue bilateral and multilateral oper-*  
6           *ationally realistic missile defense exercises in the re-*  
7           *gion;*

8           (4) *increase coordination with United States re-*  
9           *gional allies and partners, including Japan, South*  
10          *Korea, Australia, India, and other countries, as ap-*  
11          *propriate;*

12          (5) *begin planning for military exercises in 2020*  
13          *with United States regional allies and partners that*  
14          *is specifically focused on interoperability;*

15          (6) *integrate radar information from United*  
16          *States and allied Patriot, Terminal High Altitude*  
17          *Area Defense, Aegis, and other systems for region-*  
18          *wide command and control capabilities;*

19          (7) *increase the capacity of United States allies*  
20          *and partners through foreign military sales;*

21          (8) *seek increased areas of co-production for com-*  
22          *ponents of missile defense systems; and*

23          (9) *develop new capabilities to address threats to*  
24          *the region.*

1           (c) *MISSILE DEFENSE EXERCISES IN THE INDO-PA-*  
2 *CIFIC REGION.*—*The Secretary of Defense may conduct mis-*  
3 *sile defense exercises in the Indo-Pacific region with United*  
4 *States regional allies and partners to improve interoper-*  
5 *ability.*

6           (d) *BRIEFING.*—*Not later than 120 days after the date*  
7 *of the enactment of this Act, the Secretary of Defense shall*  
8 *provide to the appropriate congressional committees a brief-*  
9 *ing on plans for missile defense exercises as described in*  
10 *subsection (c).*

11          (e) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
12 *FINED.*—*In this section, the term “appropriate congress-*  
13 *sional committees” means—*

- 14                   (1) *the congressional defense committees; and*  
15                   (2) *the Committee on Foreign Relations of the*  
16                   *Senate and the Committee on Foreign Affairs of the*  
17                   *House of Representatives.*

18 **SEC. 1256. QUADRILATERAL COOPERATION AND EXERCISE.**

19          (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
20 *that the United States, Japan, India, and Australia*  
21 *should—*

- 22                   (1) *promote security and stability in the Indo-*  
23                   *Pacific region;*



1           (2) *increase quadrilateral meetings to discuss*  
2 *and strengthen interoperability of their respective*  
3 *military and naval forces;*

4           (3) *plan joint quadrilateral military patrols and*  
5 *exercises;*

6           (4) *promote the values of a free and open Indo-*  
7 *Pacific region and address themes such as respect for*  
8 *international law, maritime security, nonprolifera-*  
9 *tion, and terrorism in the region;*

10          (5) *explore joint regional infrastructure initia-*  
11 *tives in the region;*

12          (6) *engage in maritime capacity building among*  
13 *smaller Indo-Pacific countries;*

14          (7) *develop new capabilities to deter and defend*  
15 *against threats to the region; and*

16          (8) *support regional institutions and bodies, in-*  
17 *cluding the Association of Southeast Asian Nations*  
18 *Regional Forum, to increase regional cooperation*  
19 *with respect to maritime security and domain aware-*  
20 *ness and to promote internationally accepted rules*  
21 *and norms.*

22          (b) *EXERCISE.*—*The Secretary of Defense may conduct*  
23 *a quadrilateral naval military exercise.*

24          (c) *BRIEFING.*—*Not later than 120 days after the date*  
25 *of the enactment of this Act, the Secretary of Defense shall*

1 *provide to the appropriate congressional committees a brief-*  
2 *ing on the matters contained in this section.*

3 (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
4 *FINED.—In this section, the term “appropriate congres-*  
5 *sional committees” means—*

6 (1) *the congressional defense committees; and*

7 (2) *the Committee on Foreign Relations of the*  
8 *Senate and the Committee on Foreign Affairs of the*  
9 *House of Representatives.*

10 **SEC. 1257. NAME OF UNITED STATES INDO-PACIFIC COM-**  
11 **MAND.**

12 (a) *IN GENERAL.—The combatant command known as*  
13 *the United States Pacific Command shall, beginning on*  
14 *January 1, 2020, be known as the “United States Indo-*  
15 *Pacific Command”. Any reference to such combatant com-*  
16 *mand in any law, regulation, map, document, record, or*  
17 *other paper of the United States shall be considered to be*  
18 *a reference to the United States Indo-Pacific Command.*

19 (b) *CONFORMING AMENDMENTS.—*

20 (1) *ANNUAL REPORT ON NON-FEDERALIZED*  
21 *SERVICE NATIONAL GUARD PERSONNEL, TRAINING,*  
22 *AND EQUIPMENT REQUIREMENTS.—Section 10504 of*  
23 *title 10, United States Code, as amended by section*  
24 *1071(a)(31), is further amended in subsection (c), as*  
25 *redesignated by such section, in paragraph (3)(H) by*

1        *striking “United States Pacific Command” and in-*  
2        *serting “United States Indo-Pacific Command”.*

3            (2) *CONTRACTING WITH THE ENEMY.—Section*  
4        *843(4) of the Carl Levin and Howard P. “Buck”*  
5        *McKeon National Defense Authorization Act for Fis-*  
6        *cal Year 2015 (Public Law 113–291; 10 U.S.C. 2302*  
7        *note) is amended by striking “United States Pacific*  
8        *Command” and inserting “United States Indo-Pa-*  
9        *cific Command”.*

10 **SEC. 1258. REQUIREMENT FOR CRITICAL LANGUAGES AND**  
11                    **EXPERTISE IN CHINESE, KOREAN, AND RUS-**  
12                    **SIAN.**

13        *Not later than 180 days after the date of the enactment*  
14 *of this Act, the Secretary of Defense shall—*

15            (1) *evaluate the operational requirements for*  
16        *members of the Armed Forces possessing foreign lan-*  
17        *guage expertise in critical East Asian languages, in-*  
18        *cluding Chinese, Korean, and Russian; and*

19            (2) *submit to the congressional defense commit-*  
20        *tees a plan to address any shortfalls in these critical*  
21        *areas.*

1 **SEC. 1259. MODIFICATION OF REPORT REQUIRED UNDER**  
2 **ENHANCING DEFENSE AND SECURITY CO-**  
3 **OPERATION WITH INDIA.**

4 *Subsection (a)(2) of section 1292 of the National De-*  
5 *fense Authorization Act for Fiscal Year 2017 (Public Law*  
6 *114–328; 130 Stat. 2559; 22 U.S.C. 2751 note) is amend-*  
7 *ed—*

8 *(1) by striking “Not later than” and inserting*  
9 *the following:*

10 *“(1) IN GENERAL.—Not later than”;*

11 *(2) by striking “The report shall also include a*  
12 *forward-looking strategy” and inserting the following:*

13 *“(2) CONTENTS.—The report shall also include—*

14 *“(A) a forward-looking strategy”;*

15 *(3) by striking the period at the end and insert-*  
16 *ing a semicolon; and*

17 *(4) by adding at the end the following:*

18 *“(B) a description of any limitations that*  
19 *hinder or slows progress in implementing the ac-*  
20 *tions described in subparagraphs (A) through*  
21 *(L) of paragraph (1);*

22 *“(C) a description of actions India is tak-*  
23 *ing, or the actions the Secretary of Defense or the*  
24 *Secretary of State believe India should take, to*  
25 *advance the relationship between the United*

1           *States and in regards to subparagraphs (A)*  
2           *through (L) of paragraph (1); and*

3           “(D) a description of—

4                   “(i) measures that can be taken by the  
5                   *United States and India to improve inter-*  
6                   *operability; and*

7                   “(ii) progress in enabling agreements  
8                   *between the United States and India.”.*

9   **SEC. 1260. STATEMENT OF POLICY ON NAVAL VESSEL**  
10           **TRANSFERS TO JAPAN.**

11           *It shall be the policy of the United States to support*  
12           *maritime defense cooperation with Japan, including*  
13           *through the transfer of excess United States naval vessels*  
14           *to the Japanese Maritime Self-Defense Force. Such transfers*  
15           *should include capabilities such as those represented by the*  
16           *Tarawa class amphibious assault ship, the Austin class am-*  
17           *phibious transport dock, and the Charleston class amphib-*  
18           *ious cargo ship.*

19   **SEC. 1261. REPORT AND PUBLIC NOTIFICATION ON CHINA’S**  
20           **MILITARY, MARITIME, AND AIR ACTIVITIES IN**  
21           **THE INDO-PACIFIC REGION.**

22           *(a) SENSE OF CONGRESS.—It is the sense of Congress*  
23           *that greater transparency of China’s provocative military,*  
24           *maritime, and air activities in the Indo-Pacific region*  
25           *would—*

1           (1) *aid in raising awareness of these activities in*  
2           *regional and international forums;*

3           (2) *enable regional security partners to more ef-*  
4           *fectively protect their sovereignty and defend their*  
5           *rights under international law; and*

6           (3) *maintain stability within the region to en-*  
7           *able constructive relations with China.*

8           (b) *REPORT.—*

9           (1) *IN GENERAL.—The Secretary of Defense, in*  
10          *consultation with the Director of National Intelligence*  
11          *and the Secretary of State, shall submit to the appro-*  
12          *priate congressional committees on a quarterly basis*  
13          *a report describing China’s provocative military,*  
14          *maritime, and air activities in the Indo-Pacific re-*  
15          *gion.*

16          (2) *ELEMENTS.—The report shall, at minimum,*  
17          *address China’s provocative military, maritime, and*  
18          *air activities, military deployments, and operations*  
19          *and infrastructure construction in the East China*  
20          *Sea, South China Sea, Taiwan Strait, and Indian*  
21          *Ocean.*

22          (3) *DISSEMINATION TO REGIONAL ALLIES.—The*  
23          *report shall be disseminated to regional allies and*  
24          *partners, as appropriate, in the Indo-Pacific region.*

1           (4) *IMAGERY AND SUPPORTING ANALYSIS.*—*The*  
2           *report may include imagery from military aircraft*  
3           *and other sources with supporting analysis to describe*  
4           *China’s provocative maritime and air activities.*

5           (5) *FORM.*—*The report shall be available to the*  
6           *public and shall be submitted or carried out in un-*  
7           *classified form.*

8           (c) *PUBLIC NOTIFICATION.*—

9           (1) *IN GENERAL.*—*The Secretary of Defense, in*  
10          *consultation with the Director of National Intelligence*  
11          *and the Secretary of State, shall provide notice to the*  
12          *public of any activities described in paragraph (2)*  
13          *immediately after the initiation of any such activi-*  
14          *ties.*

15          (2) *ACTIVITIES DESCRIBED.*—*The activities de-*  
16          *scribed in this paragraph are any significant destabi-*  
17          *lizing or deceptive activities of China, including*  
18          *reclamation or militarization activity in the Indo-*  
19          *Pacific region, use of military, government, or com-*  
20          *mercial aircraft or maritime vessels to intimidate re-*  
21          *gional neighbors.*

22          (3) *WRITTEN SUMMARY.*—*As soon as practicable*  
23          *after the notification to the public under paragraph*  
24          *(1) of any activities described in paragraph (2), the*  
25          *Secretary of Defense shall distribute to the appro-*

1        *appropriate congressional committees and United States al-*  
2        *lies and security partners in the Indo-Pacific region*  
3        *a written summary to include imagery and sup-*  
4        *porting analysis describing such activities.*

5        *(d) REQUIREMENTS RELATING TO NATIONAL SECU-*  
6        *RITY AND PROTECTION OF CLASSIFIED NATIONAL SECU-*  
7        *RITY INFORMATION.—The dissemination and availability of*  
8        *the report under subsection (b) and the notification to the*  
9        *public under subsection (c) shall be made in a manner con-*  
10       *sistent with national security and the protection of classi-*  
11       *fied national security information.*

12       *(e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
13       *FINED.—In this section, the term “appropriate congres-*  
14       *sional committees” means—*

15                *(1) the congressional defense committees; and*  
16                *(2) the Committee on Foreign Relations and the*  
17        *Select Committee on Intelligence of the Senate and the*  
18        *Committee on Foreign Affairs and the Permanent Se-*  
19        *lect Committee on Intelligence of the House of Rep-*  
20        *resentatives.*

21        **SEC. 1262. SENIOR DEFENSE ENGAGEMENT WITH TAIWAN.**

22        *(a) FINDING.—The Taiwan Travel Act (Public Law*  
23        *115–135; 132 Stat. 341) states that it should be the policy*  
24        *of the United States to allow officials at all levels of the*  
25        *United States government, including Cabinet-level national*



1 *security officials, general officers, and other executive*  
2 *branch officials, to travel to Taiwan to meet their Taiwan*  
3 *counterparts.*

4 (b) *SENSE OF CONGRESS.*—*Pursuant to the policy de-*  
5 *scribed in the Taiwan Travel Act, the Secretary of Defense*  
6 *should send a Secretary of a military department or a*  
7 *member of the Joint Chiefs of Staff to Taiwan for the pur-*  
8 *pose of senior-level defense engagement.*

9 (c) *BRIEFING.*—*Not later than 60 days after the date*  
10 *of the enactment of this Act, the Secretary of Defense, in*  
11 *consultation with the Secretary of State, shall brief the con-*  
12 *gressional defense committees, the Committee on Foreign*  
13 *Relations of the Senate, and the Committee on Foreign Af-*  
14 *airs of the House of Representatives on any plans of the*  
15 *Department to carry out senior-level defense engagement.*

16 **SEC. 1263. LIMITATION ON USE OF FUNDS TO REDUCE THE**  
17 **TOTAL NUMBER OF MEMBERS OF THE ARMED**  
18 **FORCES SERVING ON ACTIVE DUTY WHO ARE**  
19 **DEPLOYED TO THE REPUBLIC OF KOREA.**

20 *None of the funds authorized to be appropriated by this*  
21 *Act may be used to reduce the total number of members*  
22 *of the Armed Forces serving on active duty who are de-*  
23 *ployed to the Republic of Korea below 22,000 unless the Sec-*  
24 *retary of Defense first certifies to the congressional defense*  
25 *committees that such a reduction is in the national security*

1 *interest of the United States and will not significantly un-*  
2 *dermine the security of United States allies in the region.*

3 **SEC. 1264. ENHANCING MISSILE DEFENSE COOPERATION**  
4 **WITH PARTNERS.**

5 (a) *SENSE OF CONGRESS.—It is the sense of Congress*  
6 *that the Secretary of Defense should seek opportunities to*  
7 *increase defense coordination and cooperation with United*  
8 *States partners with respect to missile defense.*

9 (b) *MODIFICATION OF DEFENSE COOPERATION AU-*  
10 *THORITY WITH INDIA.—Section 1292(a)(1) of the National*  
11 *Defense Authorization Act for Fiscal Year 2017 (Public*  
12 *Law 114–328; 130 Stat. 2559; 22 U.S.C. 2751 note), as*  
13 *amended by section 1258(a) of the National Defense Author-*  
14 *ization Act for Fiscal Year 2018 (Public Law 115–91; 131*  
15 *Stat. 1683), is further amended—*

16 (1) *in subparagraph (K), by striking “and” at*  
17 *the end;*

18 (2) *in subparagraph (L), by striking the period*  
19 *at the end and inserting “; and”; and*

20 (3) *by adding at the end the following new sub-*  
21 *paragraph:*

22 “(M) *develop closer defense cooperation with*  
23 *India on matters relating to missile defense.”.*

**Subtitle F—Other Matters****SEC. 1271. REPORT ON STATUS OF THE UNITED STATES RELATIONSHIP WITH THE REPUBLIC OF TURKEY.  
KEY.**

(a) *FINDINGS.*—Congress finds the following:

(1) *The United States–Republic of Turkey relationship, over the past year, has become increasingly strained due to several provocative actions taken by the Government of Turkey.*

(2) *The potential purchase by the Government of Turkey of the S-400 air and missile defense system from the Russian Federation has led to tension with the relationship.*

(3) *These actions could negatively impact common weapon system development between the United States and Turkey.*

(4) *These actions could exacerbate current North Atlantic Treaty Organization (NATO) interoperability challenges with respect to common military architecture and information sharing.*

(5) *These actions could impact current bilateral agreements between the United States and Turkey.*

(b) *REPORT REQUIRED.*—

(1) *IN GENERAL.*—Not later than 60 days after the date of the enactment of this Act, the Secretary of

1       *Defense, in consultation with the Secretary of State,*  
2       *shall submit to the appropriate congressional commit-*  
3       *tees a report on the status of the United States rela-*  
4       *tionship with the Republic of Turkey.*

5               (2) *MATTERS TO BE INCLUDED.*—*The report re-*  
6       *quired under this subsection shall include the fol-*  
7       *lowing:*

8                       (A) *An assessment of United States mili-*  
9       *tary and diplomatic presence in Turkey, includ-*  
10       *ing all military activities conducted from*  
11       *Incirlik Air Base or elsewhere.*

12                      (B) *An assessment of the potential purchase*  
13       *by the Government of Turkey of the S-400 air*  
14       *and missile defense system from the Russian*  
15       *Federation and the potential effects of such pur-*  
16       *chase on the United States-Turkey bilateral rela-*  
17       *tionship, including an assessment of impacts on*  
18       *other United States weapon systems and plat-*  
19       *forms operated jointly with Turkey to include—*

20                               (i) *the F-35 Lightning II Joint Strike*  
21       *aircraft, to include co-production;*

22                               (ii) *the Patriot surface-to-air missile*  
23       *system;*

24                               (iii) *the CH-47 Chinook heavy lift heli-*  
25       *copter;*

1                   (iv) the AH-1 Attack helicopter;

2                   (v) the H-60 Black Hawk utility heli-  
3                   copter; and

4                   (vi) the F-16 Fighting Falcon aircraft.

5                   (C) An identification of potential alter-  
6                   native air and missile defense systems that could  
7                   be purchased by the Government of Turkey, in-  
8                   cluding United States and other NATO member  
9                   state military air defense artillery systems.

10                  (3) FORM.—The report required under this sub-  
11                  section shall be submitted in unclassified form, but  
12                  may include a classified annex.

13                  (c) LIMITATION.—The Secretary of Defense may not  
14                  take any action to execute delivery of a foreign military  
15                  sale for major defense equipment subject to congressional  
16                  notification under section 36 of the Arms Export Control  
17                  Act (22 U.S.C. 2778) (made under a letter of offer issued  
18                  under the authority of the Arms Export Control Act before  
19                  the date of the enactment of this Act) to the Republic of  
20                  Turkey until the Secretary submits to the appropriate con-  
21                  gressional committees the report required under subsection  
22                  (b).

23                  (d) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
24                  FINED.—In this section, the term “appropriate congres-  
25                  sional committees” means—

- 1           (1) *the congressional defense committees; and*  
2           (2) *the Committee on Foreign Relations of the*  
3           *Senate and Committee on Foreign Affairs of the*  
4           *House of Representatives.*

5 **SEC. 1272. SENSE OF CONGRESS ON UNITY OF GULF CO-**  
6           **OPERATION COUNCIL MEMBER COUNTRIES.**

7           *It is the sense of Congress that—*

8           (1) *the member countries of the Gulf Cooperation*  
9           *Council (GCC) are important security cooperation*  
10          *partners of the United States;*

11          (2) *the unity of GCC member countries is crit-*  
12          *ical to facing growing threats from Iran; and*

13          (3) *timely normalization of diplomatic, security,*  
14          *and economic relationships among GCC member*  
15          *countries is in the best interest of the United States.*

16 **SEC. 1273. REPORT ON UNITED STATES GOVERNMENT PO-**  
17           **LICE TRAINING AND EQUIPPING PROGRAMS**  
18           **FOR MEXICO.**

19          (a) *REPORT REQUIRED.—Not later than July 1, 2019,*  
20          *the President shall submit to the appropriate congressional*  
21          *committees a report on United States Government police*  
22          *training and equipping programs for Mexico.*

23          (b) *ELEMENTS.—The report required under subsection*  
24          (a) *shall include the following:*

1           (1) *A list of all United States Government de-*  
2           *partments and agencies involved in implementing the*  
3           *programs.*

4           (2) *A description of the scope, size, and compo-*  
5           *nents of the programs for fiscal years 2017 and 2018,*  
6           *to include for each such program—*

7                   (A) *the types of units receiving such assist-*  
8                   *ance, including national police, gendarmerie,*  
9                   *counternarcotics police, counterterrorism police,*  
10                  *Formed Police Units, border security, and cus-*  
11                  *toms;*

12                  (B) *the purpose and objectives of the pro-*  
13                  *gram;*

14                  (C) *the funding and personnel levels for the*  
15                  *program in each such fiscal year;*

16                  (D) *the authority under which the program*  
17                  *is conducted;*

18                  (E) *the name of the United States Govern-*  
19                  *ment department or agency with lead responsi-*  
20                  *bility for the program and the mechanisms for*  
21                  *oversight of the program;*

22                  (F) *the extent to which the program is im-*  
23                  *plemented by contractors or United States Gov-*  
24                  *ernment personnel; and*

1           (G) *the metrics for measuring the results of*  
2           *the program and an assessment of the impact*  
3           *achieved from the program.*

4           (3) *An assessment of the requirements for the*  
5           *programs, and what changes, if any, are required to*  
6           *improve the capacity of the United States Govern-*  
7           *ment to meet such requirements.*

8           (4) *An evaluation of the appropriate role of*  
9           *United States Government departments and agencies*  
10          *in carrying out and coordinating the programs.*

11          (5) *An evaluation of the appropriate role of con-*  
12          *tractors in carrying out the programs, and what*  
13          *modifications, if any, are needed to improve oversight*  
14          *of such contractors.*

15          (6) *Recommendations for legislative modifica-*  
16          *tions, if any, to existing authorities relating to the*  
17          *programs.*

18          (c) *APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
19          *this section, the term “appropriate congressional commit-*  
20          *tees” means—*

21                 (1) *the congressional defense committees; and*

22                 (2) *the Committee on Foreign Relations, the*  
23                 *Committee on Homeland Security and Governmental*  
24                 *Affairs, and the Committee on the Judiciary of the*  
25                 *Senate and the Committee on Foreign Affairs, the*





1           (3) *Section 101(a)(13)(B) of title 10, United*  
2           *States Code.*

3           (4) *Section 115(i)(6) of title 10, United States*  
4           *Code.*

5           (5) *Section 12304(c)(1) of title 10, United States*  
6           *Code.*

7           (6) *Section 484C(c)(3)(C)(v) of the Higher Edu-*  
8           *cation Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(v)).*

9           (b) *SECTION REFERENCES.—(1) Title 10, United*  
10          *States Code, is amended—*

11           (A) *in section 386(c)(1), by striking “Sections*  
12           *311, 321, 331, 332, 333,” and inserting “Sections*  
13           *246, 251, 252, 253, 321,”; and*

14           (B) *in section 10541(b)(9) in the matter pre-*  
15           *ceding subparagraph (A), by striking “sections 331,*  
16           *332, 333,” and inserting “sections 251, 252, 253,”.*

17           (2) *Section 484C(c)(3)(C)(i) of the Higher Education*  
18           *Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(i)) is amended by*  
19           *striking “section 331, 332,” and inserting “section 251,*  
20           *252,”.*

21           (c) *OTHER TECHNICAL CORRECTIONS.—(1) Chapter*  
22           *16 of title 10, United States Code, is amended—*

23           (A) *in section 311(a)(3), by striking “Secretary*  
24           *to State” and inserting “Secretary of State”;*

1           (B) in section 321(e), by striking “calender”  
2 each place it appears and inserting “calendar”;

3           (C) in the table of sections at the beginning of  
4 subchapter V of such chapter, by striking the item re-  
5 lating to section 342 and inserting the following:

“342. Regional Centers for Security Studies.”;

6           (D) in section 347—

7                 (i) in the heading of subsection (a)(7), by  
8 striking “ETC.” and inserting “ETC”; and

9                 (ii) in the heading of subsection (b)(3)(B),  
10 by striking “ETC.” and inserting “ETC”; and

11           (E) in section 385(d)(1)(B), by striking “in-  
12 clude” and inserting “including”.

13           (2) Section 1204(b) of the Carl Levin and Howard P.  
14 “Buck” McKeon National Defense Authorization Act for  
15 Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 362  
16 note) is amended—

17                 (A) in paragraph (1), by striking “section  
18 2249e” each place it appears and inserting “section  
19 362”; and

20                 (B) in paragraph (3), by striking “section  
21 2249e” and inserting “section 301(1)”.

22 **SEC. 1276. UNITED STATES-ISRAEL COUNTERING UN-**  
23 **MANNED AERIAL SYSTEMS COOPERATION.**

24           Section 1279(a) of the National Defense Authorization  
25 Act for Fiscal Year 2016 (Public Law 114–92; 22 U.S.C.

1 8606 note), as most recently amended by section 1278 of  
2 the National Defense Authorization Act for Fiscal Year  
3 2018 (Public Law 115–91; 131 Stat. 1700), is further  
4 amended—

5 (1) by inserting “and capabilities for countering  
6 unmanned aerial systems” after “anti-tunnel capa-  
7 bilities”; and

8 (2) by inserting “and unmanned aerial systems”  
9 after “underground tunnels”.

10 **SEC. 1277. THREE-YEAR EXTENSION OF AUTHORIZATION OF**  
11 **NON-CONVENTIONAL ASSISTED RECOVERY**  
12 **CAPABILITIES.**

13 Section 943(g) of the National Defense Authorization  
14 Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat.  
15 4579), as most recently amended by section 1051(n) of the  
16 National Defense Authorization Act for Fiscal Year 2018  
17 (Public Law 115–91; 131 Stat. 1564), is further amended  
18 by striking “2021” and inserting “2024”.

19 **SEC. 1278. REVISION OF STATUTORY REFERENCES TO**  
20 **FORMER NATO SUPPORT ORGANIZATIONS**  
21 **AND RELATED NATO AGREEMENTS.**

22 Section 2350d of title 10, United States Code, is  
23 amended—

1           (1) *by striking “NATO Support Organization”*  
2 *each place it appears and inserting “NATO Support*  
3 *and Procurement Organization”;*

4           (2) *by striking “Support Partnership Agree-*  
5 *ment” each place it appears and inserting “Support*  
6 *or Procurement Partnership Agreement”;*

7           (3) *in subsection (a)(1), by striking “Support*  
8 *Partnership Agreements” and inserting “Support or*  
9 *Procurement Partnership Agreements”;* and

10          (4) *in subsection (b)(1), by striking “in Europe”.*

11 **SEC. 1279. SENSE OF THE CONGRESS CONCERNING MILI-**  
12 **TARY-TO-MILITARY DIALOGUES.**

13 *It is the sense of Congress that—*

14          (1) *military-to-military dialogues, including in*  
15 *the case of allies, partners, and adversaries and po-*  
16 *tential adversaries, can be a useful and important*  
17 *tool for advancing United States national security ob-*  
18 *jectives in a complex, interactive, and dynamic secu-*  
19 *rity environment;*

20          (2) *frameworks for military-to-military dia-*  
21 *logues should be flexible and adaptable to such a secu-*  
22 *rity environment and should be informed by national*  
23 *security guidance, such as the 2017 National Security*  
24 *Strategy and the 2018 National Defense Strategy;*  
25 *and*



1 *track and evaluate counterfactual narratives abroad*  
2 *that threaten the policies, security, or stability of the*  
3 *United States and United States allies and partner*  
4 *nations.”;*

5 *(B) by amending paragraph (4) to read as*  
6 *follows:*

7 *“(4) Identify current and emerging trends in*  
8 *foreign propaganda and disinformation in order to*  
9 *coordinate and shape the development of tactics, tech-*  
10 *niques, and procedures to expose and refute foreign*  
11 *propaganda and disinformation, and pro-actively*  
12 *support the promotion of credible, fact-based nar-*  
13 *ratives and policies to audiences outside the United*  
14 *States.”;*

15 *(C) by redesignating paragraphs (6)*  
16 *through (10) as paragraphs (7) through (11), re-*  
17 *spectively;*

18 *(D) by inserting after paragraph (5) the fol-*  
19 *lowing new paragraph:*

20 *“(6) Measure and evaluate the activities of the*  
21 *Center, including the outcomes of such activities, and*  
22 *implement mechanisms to ensure that the activities of*  
23 *the Center are updated to reflect the results of such*  
24 *measurement and evaluation.”; and*

1           (E) by amending paragraph (8), as so re-  
2           designated, to read as follows:

3           “(8) Use information from appropriate inter-  
4           agency entities to identify the countries, geographic  
5           areas, and populations most susceptible to propa-  
6           ganda and disinformation, as well as the countries,  
7           geographic areas, and populations in which such  
8           propaganda and disinformation is likely to cause the  
9           most harm.”;

10          (3) in subsection (d), by amending paragraphs  
11          (1) and (2) to read as follows:

12          “(1) *DETAILEES AND ASSIGNEES.*—Any Federal  
13          Government employee may be detailed or assigned to  
14          the Center with or without reimbursement, consistent  
15          with applicable laws and regulations regarding such  
16          employee, and such detail or assignment shall be  
17          without interruption or loss of status or privilege.

18          “(2) *OTHER PERSONNEL.*—The Secretary of  
19          State should, when hiring additional United States  
20          citizen personnel, preference use of Foreign Service  
21          limited appointments in accordance with section 309  
22          of the Foreign Service Act of 1980 (22 U.S.C. 3949).  
23          The Secretary may hire United States citizens or  
24          aliens, as appropriate, including as personal services



1 *contractors, for purposes of personnel resources of the*  
2 *Center, if—*

3 *“(A) the Secretary determines that existing*  
4 *personnel resources or expertise are insufficient;*

5 *“(B) the period in which services are pro-*  
6 *vided by a personal services contractor, includ-*  
7 *ing options, does not exceed 3 years, unless the*  
8 *Secretary determines that exceptional cir-*  
9 *cumstances justify an extension of up to one ad-*  
10 *ditional year;*

11 *“(C) not more than 50 United States citi-*  
12 *zens or aliens are employed as personal services*  
13 *contractors under the authority of this para-*  
14 *graph at any time; and*

15 *“(D) the authority of this paragraph is only*  
16 *used to obtain specialized skills or experience or*  
17 *to respond to urgent needs.”;*

18 *(4) in subsection (e), by amending paragraphs*  
19 *(1) and (2) to read as follows:*

20 *“(1) IN GENERAL.—For each of fiscal years 2019*  
21 *and 2020, the Secretary of Defense is authorized to*  
22 *transfer, from amounts appropriated to the Secretary*  
23 *pursuant to the authorization under this Act, to the*  
24 *Secretary of State not more than \$60,000,000, to*  
25 *carry out the functions of the Center.*

1           “(2) *NOTICE REQUIREMENT.*—*The Secretary of*  
2           *Defense shall notify the Committee on Armed Serv-*  
3           *ices, the Committee on Appropriations, and the Com-*  
4           *mittee on Foreign Relations of the Senate and the*  
5           *Committee on Armed Services, the Committee on Ap-*  
6           *propriations, the Committee on Foreign Affairs, and*  
7           *the Committee on Oversight and Government Reform*  
8           *of the House of Representatives of a proposed transfer*  
9           *under paragraph (1) not less than 15 days prior to*  
10           *making such transfer.”;*

11           (5) *in subsection (f), by amending paragraphs*  
12           *(1) and (2) to read as follows:*

13           “(1) *AUTHORITY FOR GRANTS.*—*The Center is*  
14           *authorized to provide grants or contracts of financial*  
15           *support to civil society groups, media content pro-*  
16           *viders, nongovernmental organizations, federally*  
17           *funded research and development centers, private*  
18           *companies, or academic institutions for the following*  
19           *purposes:*

20                   “(A) *To support local entities and linkages*  
21                   *among such entities, including independent*  
22                   *media entities, that are best positioned to refute*  
23                   *foreign propaganda and disinformation in af-*  
24                   *ected communities.*

1           “(B) To collect and store examples of print,  
2           online, and social media disinformation and  
3           propaganda directed at the United States or  
4           United States allies and partner nations.

5           “(C) To analyze and report on tactics, tech-  
6           niques, and procedures of foreign information  
7           warfare and other efforts with respect to  
8           disinformation and propaganda.

9           “(D) To support efforts by the Center to  
10          counter efforts by foreign entities to use  
11          disinformation and propaganda to undermine or  
12          influence the policies, security, and social and  
13          political stability of the United States and  
14          United States allies and partner nations.

15          “(2) *FUNDING AVAILABILITY AND LIMITA-*  
16          *TIONS.—The Secretary of State shall provide that*  
17          *each entity that receives funds under this subsection*  
18          *is selected in accordance with the relevant existing*  
19          *regulations through a process that ensures such entity*  
20          *has the credibility and capability to carry out effec-*  
21          *tively and in accordance with United States interests*  
22          *and objectives the purposes specified in paragraph (1)*  
23          *for which such entity received such funding.”;*

24                 (6) by redesignating subsections (h) and (i) as  
25                 subsections (i) and (j), respectively; and



1       (b) *MATTERS TO BE INCLUDED.*—*The report required*  
2 *under subsection (a) shall include the following:*

3           (1) *The type of country or organization referred*  
4 *to in subsection (a)(1) of section 2342 of title 10,*  
5 *United States Code, with respect to which the Sec-*  
6 *retary of Defense entered into the agreement.*

7           (2) *The date on which the agreement was entered*  
8 *into under such section 2342.*

9           (3) *A description of the logistic support, sup-*  
10 *plies, and services to be provided to the military*  
11 *forces of the country or organization and any other*  
12 *transactions associated with the agreement.*

13           (4) *The estimated dollar value of support pro-*  
14 *vided by the United States under the agreement.*

15           (5) *A copy of the agreement, including all ap-*  
16 *pendices.*

17           (6) *An assessment as to whether or not the agree-*  
18 *ment is in United States national security interests.*

19           (7) *The end date of the agreement.*

20       (c) *FORM.*—*The report required under subsection (a)*  
21 *shall be submitted in unclassified form but may contain*  
22 *a classified annex.*

1 **SEC. 1282. PROHIBITION ON PROVISION OF WEAPONS AND**  
2 **OTHER FORMS OF SUPPORT TO CERTAIN OR-**  
3 **GANIZATIONS.**

4 *None of the funds authorized to be appropriated by this*  
5 *Act or otherwise made available to the Department of De-*  
6 *fense for fiscal year 2019 may be used to provide weapons*  
7 *or any other form of support to—*

8 *(1) Al Qaeda, the Islamic State of Iraq and*  
9 *Syria (ISIS), Jabhat Fateh al Sham, or any indi-*  
10 *vidual or group affiliated with any such organiza-*  
11 *tion; and*

12 *(2) any other entity that the Secretary of Defense*  
13 *determines may trade or sell arms to terrorist organi-*  
14 *zations.*

15 **SEC. 1283. CERTIFICATION AND AUTHORITY TO TERMINATE**  
16 **FUNDING FOR ACADEMIC RESEARCH RELAT-**  
17 **ING TO FOREIGN TALENT PROGRAMS.**

18 *(a) PLAN REQUIRED.—Not later than 180 days after*  
19 *the date of the enactment of this Act, and with respect to*  
20 *funds authorized to be appropriated or otherwise made*  
21 *available by this Act, the Secretary of Defense shall submit*  
22 *to the congressional defense committees a plan to implement*  
23 *the certification requirement described in subsection (b) to*  
24 *ensure that applicants seeking such funds for educational*  
25 *or academic training or research verify that such funds*  
26 *shall not be made available to any individual who has par-*

1 *ticipated in or is currently participating in a foreign talent*  
2 *or expert recruitment program of a country listed in sub-*  
3 *section (d).*

4       **(b) CERTIFICATION REQUIREMENT FOR FUNDING.—**  
5 *Beginning not later than 1 year after the date of the enact-*  
6 *ment of this Act and with respect to funds authorized to*  
7 *be appropriated or otherwise made available by this Act,*  
8 *the Secretary of Defense shall require each applicant seeking*  
9 *such funds for educational or academic training and re-*  
10 *search, including at institutions of higher education (as de-*  
11 *finied in section 101 of the Higher Education Act of 1965*  
12 *(20 U.S.C. 1001)), policy institutes, federal laboratories, or*  
13 *research institutes, to include with the application a certifi-*  
14 *cation that none of the funds received by such applicant*  
15 *shall be made available to any individual who has partici-*  
16 *pated in or is currently participating in a foreign talent*  
17 *or expert recruitment program of a country listed in sub-*  
18 *section (d).*

19       **(c) AUTHORITY TO TERMINATE FUNDING.—***Beginning*  
20 *1 year after the date of the enactment of this Act, the Sec-*  
21 *retary of Defense may terminate existing funding of, or pro-*  
22 *hibit the award of future funding to, a current recipient*  
23 *if such recipient is unable to provide the certification de-*  
24 *scribed in subsection (b) with respect to such existing fund-*  
25 *ing.*

1           (d) *COUNTRIES LISTED.*—*The countries listed in this*  
2 *subsection are the following:*

3           (1) *The People’s Republic of China.*

4           (2) *The Democratic People’s Republic of Korea.*

5           (3) *The Russian Federation.*

6           (4) *The Islamic Republic of Iran.*

7 **SEC. 1284. SENSE OF CONGRESS ON SUPPORT FOR GEOR-**  
8 **GIA.**

9           (a) *FINDINGS.*—*Congress finds the following:*

10           (1) *Georgia is a valued friend of the United*  
11 *States and has repeatedly demonstrated its commit-*  
12 *ment to advancing the mutual interests of both coun-*  
13 *tries, including the deployment of Georgian forces as*  
14 *part of the International Security Assistance Force*  
15 *(ISAF) led by the North Atlantic Treaty Organiza-*  
16 *tion (NATO) in Afghanistan and the Multi-National*  
17 *Force in Iraq.*

18           (2) *The European Deterrence Initiative builds*  
19 *the partnership capacity of Georgia so it can work*  
20 *more closely with the United States and NATO, as*  
21 *well as provide for its own defense.*

22           (3) *In addition to the European Deterrence Ini-*  
23 *tiative, Georgia’s participation in the NATO initia-*  
24 *tive Partnership for Peace is paramount to interoper-*



1 *ability with the United States and NATO, and estab-*  
2 *lishing a more peaceful environment in the region.*

3 *(4) Despite the losses suffered, as a NATO part-*  
4 *ner of ISAF, Georgia is committed to the Resolute*  
5 *Support Mission in Afghanistan with the fourth-larg-*  
6 *est contingent on the ground.*

7 *(b) SENSE OF CONGRESS.—Congress—*

8 *(1) reaffirms United States support for Georgia's*  
9 *sovereignty and territorial integrity within its inter-*  
10 *nationally-recognized borders, and does not recognize*  
11 *the independence of the Abkhazia and South Ossetia*  
12 *regions currently occupied by the Russian Federation;*  
13 *and*

14 *(2) supports continued cooperation between the*  
15 *United States and Georgia and the efforts of the Gov-*  
16 *ernment of Georgia to provide for the defense of its*  
17 *people and sovereign territory.*

18 **SEC. 1285. SENSE OF CONGRESS ON SUPPORT FOR ESTO-**

19 **NIA, LATVIA, AND LITHUANIA.**

20 *(a) FINDINGS.—Congress finds the following:*

21 *(1) The Baltic countries of Estonia, Latvia, and*  
22 *Lithuania are highly valued allies of the United*  
23 *States, and they have repeatedly demonstrated their*  
24 *commitment to advancing our mutual interests as*  
25 *well as those of the NATO Alliance.*

1           (2) *Operation Atlantic Resolve is a series of exer-*  
2 *cises and coordinating efforts demonstrating the*  
3 *United States' commitment to its European partners*  
4 *and allies, including the Baltic countries of Estonia,*  
5 *Latvia, and Lithuania, with the shared goal of peace*  
6 *and stability in the region. Operation Atlantic Re-*  
7 *solve strengthens communication and understanding,*  
8 *and is an important effort to deter Russian aggres-*  
9 *sion in the region.*

10           (3) *Through Operation Atlantic Resolve, the Eu-*  
11 *ropean Deterrence Initiative undertakes exercises,*  
12 *training, and rotational presence necessary to reas-*  
13 *sure and integrate our allies, including the Baltic*  
14 *countries, into a common defense framework.*

15           (4) *All three Baltic countries contributed to the*  
16 *NATO-led International Security Assistance Force in*  
17 *Afghanistan, sending troops and operating with few*  
18 *caveats. The Baltic countries continue to commit re-*  
19 *sources and troops to the Resolute Support Mission in*  
20 *Afghanistan.*

21           (b) *SENSE OF CONGRESS.—Congress—*

22           (1) *reaffirms its support for the principle of col-*  
23 *lective defense in Article 5 of the North Atlantic Trea-*  
24 *ty for our NATO allies, including Estonia, Latvia,*  
25 *and Lithuania;*

1           (2) *supports the sovereignty, independence, terri-*  
2 *torial integrity, and inviolability of Estonia, Latvia,*  
3 *and Lithuania as well as their internationally recog-*  
4 *nized borders, and expresses concerns over increas-*  
5 *ingly aggressive military maneuvering by the Russian*  
6 *Federation near their borders and airspace;*

7           (3) *expresses concern over and condemns subver-*  
8 *sive and destabilizing activities by the Russian Fed-*  
9 *eration within the Baltic countries; and*

10          (4) *encourages the Administration to further en-*  
11 *hance defense cooperation efforts with Estonia, Lat-*  
12 *via, and Lithuania and supports the efforts of their*  
13 *Governments to provide for the defense of their people*  
14 *and sovereign territory.*

15 **SEC. 1286. REPORT ON UNITED STATES STRATEGY IN**  
16 **YEMEN.**

17          *Not later than February 1, 2019, the Secretary of De-*  
18 *fense shall submit to the congressional defense committees*  
19 *a report describing the strategy of the United States Armed*  
20 *Forces with respect to Yemen that includes a description*  
21 *of—*

22           (1) *the activities that the United States Armed*  
23 *Forces are currently undertaking in Yemen;*

24           (2) *the costs associated with the involvement of*  
25 *the United States Armed Forces in Yemen, including*

1 *costs relating to counterterrorism activities, refueling*  
2 *missions, or other military activities;*

3 *(3) the key United States military interests, ob-*  
4 *jectives, long-term goals, and end-states for Yemen;*

5 *(4) indicators for the effectiveness of United*  
6 *States military efforts to achieve such interests, objec-*  
7 *tives, goals, or end-states;*

8 *(5) how current United States military efforts in*  
9 *Yemen align with such objectives;*

10 *(6) the estimated annual resources required*  
11 *through fiscal year 2022 for the United States Armed*  
12 *Forces to achieve such objectives;*

13 *(7) the current legal authorities supporting*  
14 *United States military efforts in Yemen; and*

15 *(8) any other matters the Secretary determines*  
16 *to be relevant.*

17 **SEC. 1287. REPORT ON HIZBALLAH.**

18 *(a) IN GENERAL.—Not later than 90 days after enact-*  
19 *ment of this Act, the President shall provide to the appro-*  
20 *priate congressional committees a report on Hizballah.*  
21 *Such report shall include each of the following:*

22 *(1) An accounting of Hizballah’s known rocket*  
23 *arsenal.*

24 *(2) An evaluation of the impact of the United*  
25 *Nations Interim Force in Lebanon mandate.*

1           (3) *An evaluation of the tactical and strategic*  
2 *capabilities of Hizballah, including such capabilities*  
3 *related to defense.*

4           (4) *A detailed description of the known supply*  
5 *routes used in the illegal procurement of weapons for*  
6 *Hizballah.*

7           (5) *An estimate of companies and other entities*  
8 *that support Hizballah’s network.*

9           (6) *An assessment of the effects of the interference*  
10 *of Hizballah in conflicts throughout the Middle East*  
11 *region.*

12           (7) *An assessment of how Hizballah raises, holds,*  
13 *and spends funds in territories where United Nations*  
14 *Interim Force in Lebanon operates.*

15           (b) *APPROPRIATE CONGRESSIONAL COMMITTEES.—In*  
16 *this section, the term “appropriate congressional commit-*  
17 *tees” means—*

18           (1) *the Committees on Armed Services of the*  
19 *Senate and House of Representatives;*

20           (2) *the Committee on Foreign Affairs of the*  
21 *House of Representatives;*

22           (3) *the Committee on Foreign Relations of the*  
23 *Senate;*

24           (4) *the Permanent Select Committee on Intel-*  
25 *ligence of the House of Representatives; and*

1           (5) *the Select Committee on Intelligence of the*  
2     *Senate.*

3           ***TITLE XIII—COOPERATIVE***  
4           ***THREAT REDUCTION***

5     ***SEC. 1301. FUNDING ALLOCATIONS.***

6           *Of the \$335,240,000 authorized to be appropriated to*  
7     *the Department of Defense for fiscal year 2019 in section*  
8     *301 and made available by the funding table in division*  
9     *D for the Department of Defense Cooperative Threat Reduc-*  
10    *tion Program established under section 1321 of the Depart-*  
11    *ment of Defense Cooperative Threat Reduction Act (50*  
12    *U.S.C. 3711), the following amounts may be obligated for*  
13    *the purposes specified:*

14           (1) *For strategic offensive arms elimination,*  
15     *\$2,823,000.*

16           (2) *For chemical weapons destruction,*  
17     *\$5,446,000.*

18           (3) *For global nuclear security, \$29,001,000.*

19           (4) *For cooperative biological engagement,*  
20     *\$197,585,000.*

21           (5) *For proliferation prevention, \$74,937,000.*

22           (6) *For activities designated as Other Assess-*  
23    *ments/Administrative Costs, \$25,448,000.*

1 **SEC. 1302. SPECIFICATION OF COOPERATIVE THREAT RE-**  
2 **DUCTION FUNDS.**

3 *Funds appropriated pursuant to the authorization of*  
4 *appropriations in section 301 and made available by the*  
5 *funding table in division D for the Department of Defense*  
6 *Cooperative Threat Reduction Program shall be available*  
7 *for obligation for fiscal years 2019, 2020, and 2021.*

8 **TITLE XIV—OTHER**  
9 **AUTHORIZATIONS**  
10 **Subtitle A—Military Programs**

11 **SEC. 1401. WORKING CAPITAL FUNDS.**

12 *Funds are hereby authorized to be appropriated for fis-*  
13 *cal year 2019 for the use of the Armed Forces and other*  
14 *activities and agencies of the Department of Defense for*  
15 *providing capital for working capital and revolving funds,*  
16 *as specified in the funding table in section 4501.*

17 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**  
18 **TION, DEFENSE.**

19 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
20 *hereby authorized to be appropriated for the Department*  
21 *of Defense for fiscal year 2019 for expenses, not otherwise*  
22 *provided for, for Chemical Agents and Munitions Destruc-*  
23 *tion, Defense, as specified in the funding table in section*  
24 *4501.*

25 *(b) USE.—Amounts authorized to be appropriated*  
26 *under subsection (a) are authorized for—*

1           (1) the destruction of lethal chemical agents and  
2           munitions in accordance with section 1412 of the De-  
3           partment of Defense Authorization Act, 1986 (50  
4           U.S.C. 1521); and

5           (2) the destruction of chemical warfare materiel  
6           of the United States that is not covered by section  
7           1412 of such Act.

8   **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
9                                   **TIVITIES, DEFENSE-WIDE.**

10          *Funds are hereby authorized to be appropriated for the*  
11          *Department of Defense for fiscal year 2019 for expenses, not*  
12          *otherwise provided for, for Drug Interdiction and Counter-*  
13          *Drug Activities, Defense-wide, as specified in the funding*  
14          *table in section 4501.*

15   **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

16          *Funds are hereby authorized to be appropriated for the*  
17          *Department of Defense for fiscal year 2019 for expenses, not*  
18          *otherwise provided for, for the Office of the Inspector Gen-*  
19          *eral of the Department of Defense, as specified in the fund-*  
20          *ing table in section 4501.*

21   **SEC. 1405. DEFENSE HEALTH PROGRAM.**

22          *Funds are hereby authorized to be appropriated for fis-*  
23          *cal year 2019 for the Defense Health Program for use of*  
24          *the Armed Forces and other activities and agencies of the*  
25          *Department of Defense for providing for the health of eligi-*



1 ble beneficiaries, as specified in the funding table in section  
2 4501.

3 **SEC. 1406. NATIONAL DEFENSE SEALIFT FUND.**

4 *Funds are hereby authorized to be appropriated for fis-*  
5 *cal year 2019 for the National Defense Sealift Fund, as*  
6 *specified in the funding tables in section 4501.*

7 ***Subtitle B—Other Matters***

8 **SEC. 1411. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT**

9 **DEPARTMENT OF DEFENSE-DEPARTMENT OF**  
10 **VETERANS AFFAIRS MEDICAL FACILITY DEM-**  
11 **ONSTRATION FUND FOR CAPTAIN JAMES A.**  
12 **LOVELL HEALTH CARE CENTER, ILLINOIS.**

13 *(a) AUTHORITY FOR TRANSFER OF FUNDS.—Of the*  
14 *funds authorized to be appropriated by section 1405 and*  
15 *available for the Defense Health Program for operation and*  
16 *maintenance, \$113,000,000 may be transferred by the Sec-*  
17 *retary of Defense to the Joint Department of Defense-De-*  
18 *partment of Veterans Affairs Medical Facility Demonstra-*  
19 *tion Fund established by subsection (a)(1) of section 1704*  
20 *of the National Defense Authorization Act for Fiscal Year*  
21 *2010 (Public Law 111–84; 123 Stat. 2571). For purposes*  
22 *of subsection (a)(2) of such section 1704, any funds so*  
23 *transferred shall be treated as amounts authorized and ap-*  
24 *propriated specifically for the purpose of such a transfer.*

1           (b) *USE OF TRANSFERRED FUNDS.*—For the purposes  
2 of subsection (b) of such section 1704, facility operations  
3 for which funds transferred under subsection (a) may be  
4 used are operations of the Captain James A. Lovell Federal  
5 Health Care Center, consisting of the North Chicago Vet-  
6 erans Affairs Medical Center, the Navy Ambulatory Care  
7 Center, and supporting facilities designated as a combined  
8 Federal medical facility under an operational agreement  
9 covered by section 706 of the Duncan Hunter National De-  
10 fense Authorization Act for Fiscal Year 2009 (Public Law  
11 110–417; 122 Stat. 4500).

12 **SEC. 1412. AUTHORIZATION OF APPROPRIATIONS FOR**  
13 **ARMED FORCES RETIREMENT HOME.**

14           There is hereby authorized to be appropriated for fiscal  
15 year 2019 from the Armed Forces Retirement Home Trust  
16 Fund the sum of \$64,300,000 for the operation of the Armed  
17 Forces Retirement Home.

18 **SEC. 1413. QUARTERLY BRIEFING ON PROGRESS OF CHEM-**  
19 **ICAL DEMILITARIZATION PROGRAM.**

20           Section 1412(j) of the Department of Defense Author-  
21 ization Act, 1986 (50 U.S.C. 1521(j)) is amended—

22                   (1) in the heading, by striking “Semiannual Re-  
23                   ports” and inserting “QUARTERLY BRIEFING”;

24                   (2) in paragraph (1)—

1           (A) by striking “March 1” and all that fol-  
2           lows through “the year in which” and inserting  
3           “90 days after the date of the enactment of the  
4           National Defense Authorization Act for Fiscal  
5           Year 2019, and every 90 days thereafter until”;

6           (B) by striking “submit to” and inserting  
7           “brief”;

8           (C) by striking “a report on the implemen-  
9           tation” and inserting “on the progress made”;  
10          and

11          (D) by striking “of its chemical weapons de-  
12          struction obligations” and inserting “toward ful-  
13          filling its chemical weapons destruction obliga-  
14          tions”; and

15          (3) by striking paragraph (2) and inserting the  
16          following:

17                 “(2) Each briefing under paragraph (1) shall in-  
18                 clude a description of contractor costs and perform-  
19                 ance relative to schedule, the progress to date toward  
20                 the complete destruction of the stockpile, and any  
21                 other information the Secretary determines to be rel-  
22                 evant.”.

1 **TITLE XV—AUTHORIZATION OF**  
2 **ADDITIONAL APPROPRIA-**  
3 **TIONS FOR OVERSEAS CON-**  
4 **TINGENCY OPERATIONS**  
5 ***Subtitle A—Authorization of***  
6 ***Appropriations***

7 **SEC. 1501. PURPOSE OF CERTAIN AUTHORIZATIONS OF AP-**  
8 **PROPRIATIONS.**

9 *The purpose of this subtitle is to authorize appropria-*  
10 *tions for the Department of Defense for fiscal year 2019*  
11 *to provide additional funds for overseas contingency oper-*  
12 *ations being carried out by the Armed Forces.*

13 **SEC. 1502. PROCUREMENT.**

14 *Funds are hereby authorized to be appropriated for fis-*  
15 *cal year 2019 for procurement accounts for the Army, the*  
16 *Navy and the Marine Corps, the Air Force, and Defense-*  
17 *wide activities, as specified in the funding table in section*  
18 *4102.*

19 **SEC. 1503. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
20 **TION.**

21 *Funds are hereby authorized to be appropriated for fis-*  
22 *cal year 2019 for the use of the Department of Defense for*  
23 *research, development, test, and evaluation, as specified in*  
24 *the funding table in section 4202.*

1 **SEC. 1504. OPERATION AND MAINTENANCE.**

2 *Funds are hereby authorized to be appropriated for fis-*  
3 *cal year 2019 for the use of the Armed Forces and other*  
4 *activities and agencies of the Department of Defense for ex-*  
5 *penses, not otherwise provided for, for operation and main-*  
6 *tenance, as specified in the funding table in section 4302.*

7 **SEC. 1505. MILITARY PERSONNEL.**

8 *Funds are hereby authorized to be appropriated for fis-*  
9 *cal year 2019 for the use of the Armed Forces and other*  
10 *activities and agencies of the Department of Defense for ex-*  
11 *penses, not otherwise provided for, for military personnel,*  
12 *as specified in the funding table in section 4402.*

13 **SEC. 1506. WORKING CAPITAL FUNDS.**

14 *Funds are hereby authorized to be appropriated for fis-*  
15 *cal year 2019 for the use of the Armed Forces and other*  
16 *activities and agencies of the Department of Defense for*  
17 *providing capital for working capital and revolving funds,*  
18 *as specified in the funding table in section 4502.*

19 **SEC. 1507. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
20 **TIVITIES, DEFENSE-WIDE.**

21 *Funds are hereby authorized to be appropriated for the*  
22 *Department of Defense for fiscal year 2019 for expenses, not*  
23 *otherwise provided for, for Drug Interdiction and Counter-*  
24 *Drug Activities, Defense-wide, as specified in the funding*  
25 *table in section 4502.*

1 **SEC. 1508. DEFENSE INSPECTOR GENERAL.**

2 *Funds are hereby authorized to be appropriated for the*  
3 *Department of Defense for fiscal year 2019 for expenses, not*  
4 *otherwise provided for, for the Office of the Inspector Gen-*  
5 *eral of the Department of Defense, as specified in the fund-*  
6 *ing table in section 4502.*

7 **SEC. 1509. DEFENSE HEALTH PROGRAM.**

8 *Funds are hereby authorized to be appropriated for the*  
9 *Department of Defense for fiscal year 2019 for expenses, not*  
10 *otherwise provided for, for the Defense Health Program, as*  
11 *specified in the funding table in section 4502.*

12 ***Subtitle B—Financial Matters***

13 **SEC. 1511. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

14 *The amounts authorized to be appropriated by this*  
15 *title are in addition to amounts otherwise authorized to be*  
16 *appropriated by this Act.*

17 **SEC. 1512. SPECIAL TRANSFER AUTHORITY.**

18 *(a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—*

19 *(1) AUTHORITY.—Upon determination by the*  
20 *Secretary of Defense that such action is necessary in*  
21 *the national interest, the Secretary may transfer*  
22 *amounts of authorizations made available to the De-*  
23 *partment of Defense in this title for fiscal year 2019*  
24 *between any such authorizations for that fiscal year*  
25 *(or any subdivisions thereof). Amounts of authoriza-*  
26 *tions so transferred shall be merged with and be*

1       *available for the same purposes as the authorization*  
2       *to which transferred.*

3           (2) *LIMITATION.*—*The total amount of author-*  
4       *izations that the Secretary may transfer under the*  
5       *authority of this subsection may not exceed*  
6       *\$4,500,000,000.*

7           (b) *TERMS AND CONDITIONS.*—*Transfers under this*  
8       *section shall be subject to the same terms and conditions*  
9       *as transfers under section 1001.*

10          (c) *ADDITIONAL AUTHORITY.*—*The transfer authority*  
11       *provided by this section is in addition to the transfer au-*  
12       *thority provided under section 1001.*

13        ***Subtitle C—Limitations, Reports,***  
14        ***and Other Matters***

15        ***SEC. 1521. AFGHANISTAN SECURITY FORCES FUND.***

16          (a) *CONTINUATION OF PRIOR AUTHORITIES AND NO-*  
17        *TICE AND REPORTING REQUIREMENTS.*—*Funds available*  
18        *to the Department of Defense for the Afghanistan Security*  
19        *Forces Fund for fiscal year 2019 shall be subject to the con-*  
20        *ditions contained in subsections (b) through (g) of section*  
21        *1513 of the National Defense Authorization Act for Fiscal*  
22        *Year 2008 (Public Law 110–181; 122 Stat. 428), as amend-*  
23        *ed by section 1531(b) of the Ike Skelton National Defense*  
24        *Authorization Act for Fiscal Year 2011 (Public Law 111–*  
25        *383; 124 Stat. 4424).*

1       **(b) EQUIPMENT DISPOSITION.**—

2               **(1) ACCEPTANCE OF CERTAIN EQUIPMENT.**—Sub-  
3       ject to paragraph (2), the Secretary of Defense may  
4       accept equipment that is procured using amounts in  
5       the Afghanistan Security Forces Fund authorized  
6       under this Act and is intended for transfer to the se-  
7       curity forces of Afghanistan, but is not accepted by  
8       such security forces.

9               **(2) CONDITIONS ON ACCEPTANCE OF EQUIP-**  
10       **MENT.**—Before accepting any equipment under the  
11       authority provided by paragraph (1), the Commander  
12       of United States forces in Afghanistan shall make a  
13       determination that the equipment was procured for  
14       the purpose of meeting requirements of the security  
15       forces of Afghanistan, as agreed to by both the Gov-  
16       ernment of Afghanistan and the United States, but is  
17       no longer required by such security forces or was  
18       damaged before transfer to such security forces.

19               **(3) ELEMENTS OF DETERMINATION.**—In making  
20       a determination under paragraph (2) regarding  
21       equipment, the Commander of United States forces in  
22       Afghanistan shall consider alternatives to Secretary of  
23       Defense acceptance of the equipment. An explanation  
24       of each determination, including the basis for the de-  
25       termination and the alternatives considered, shall be



1 *included in the relevant quarterly report required*  
2 *under paragraph (5).*

3 (4) *TREATMENT AS DEPARTMENT OF DEFENSE*  
4 *STOCKS.—Equipment accepted under the authority*  
5 *provided by paragraph (1) may be treated as stocks*  
6 *of the Department of Defense upon notification to the*  
7 *congressional defense committees of such treatment.*

8 (5) *QUARTERLY REPORTS ON EQUIPMENT DIS-*  
9 *POSITION.—*

10 (A) *IN GENERAL.—Not later than 90 days*  
11 *after the date of the enactment of this Act and*  
12 *every 90-day period thereafter during which the*  
13 *authority provided by paragraph (1) is exer-*  
14 *cised, the Secretary of Defense shall submit to the*  
15 *congressional defense committees a report de-*  
16 *scribing the equipment accepted during the pe-*  
17 *riod covered by such report under the following:*

18 (i) *This subsection.*

19 (ii) *Section 1521(b) of the National*  
20 *Defense Authorization Act for Fiscal Year*  
21 *2018 (Public Law 115–91; 131 Stat. 1711)*

22 (iii) *Section 1521(b) of the National*  
23 *Defense Authorization Act for Fiscal Year*  
24 *2017 (Public Law 114–328; 130 Stat.*  
25 *2575).*

1                   (iv) Section 1531(b) of the National  
2                   Defense Authorization Act for Fiscal Year  
3                   2016 (Public Law 114–92; 129 Stat. 1088).

4                   (v) Section 1532(b) of the Carl Levin  
5                   and Howard P. “Buck” McKeon National  
6                   Defense Authorization Act for Fiscal Year  
7                   2015 (Public Law 113–291; 128 Stat.  
8                   3613).

9                   (vi) Section 1531(d) of the National  
10                  Defense Authorization Act for Fiscal Year  
11                  2014 (Public Law 113–66; 127 Stat. 938;  
12                  10 U.S.C. 2302 note).

13                 (B) *ELEMENTS.*—Each report under sub-  
14                 paragraph (A) shall include a list of all equip-  
15                 ment that was accepted during the period cov-  
16                 ered by the report and treated as stocks of the  
17                 Department of Defense and copies of the deter-  
18                 minations made under paragraph (2), as re-  
19                 quired by paragraph (3).

20                 (c) *SECURITY OF AFGHAN WOMEN.*—

21                 (1) *IN GENERAL.*—Of the funds available to the  
22                 Department of Defense for the Afghanistan Security  
23                 Forces Fund for fiscal year 2019, it is the goal that  
24                 \$18,000,000, but in no event less than \$10,000,000,  
25                 shall be used for—

1           (A) *the recruitment, integration, retention,*  
2 *training, and treatment of women in the Afghan*  
3 *National Defense and Security Forces; and*

4           (B) *the recruitment, training, and con-*  
5 *tracting of female security personnel for future*  
6 *elections.*

7           (2) *TYPES OF PROGRAMS AND ACTIVITIES.—Such*  
8 *programs and activities may include—*

9           (A) *efforts to recruit women into the Afghan*  
10 *National Defense and Security Forces, including*  
11 *the special operations forces;*

12           (B) *programs and activities of the Afghan*  
13 *Ministry of Defense Directorate of Human*  
14 *Rights and Gender Integration and the Afghan*  
15 *Ministry of Interior Office of Human Rights,*  
16 *Gender and Child Rights;*

17           (C) *development and dissemination of gen-*  
18 *der and human rights educational and training*  
19 *materials and programs within the Afghan Min-*  
20 *istry of Defense and the Afghan Ministry of Inte-*  
21 *rior;*

22           (D) *efforts to address harassment and vio-*  
23 *lence against women within the Afghan National*  
24 *Defense and Security Forces;*

1           (E) improvements to infrastructure that ad-  
2           dress the requirements of women serving in the  
3           Afghan National Defense and Security Forces,  
4           including appropriate equipment for female se-  
5           curity and police forces, and transportation for  
6           policewomen to their station;

7           (F) support for Afghanistan National Police  
8           Family Response Units; and

9           (G) security provisions for high-profile fe-  
10          male police and army officers.

11          (d) ASSESSMENT OF AFGHANISTAN PROGRESS ON SE-  
12          CURITY COOPERATION OBJECTIVES.—

13           (1) ASSESSMENT REQUIRED.—Not later than  
14          June 1, 2019, the Secretary of Defense shall, in con-  
15          sultation with the Secretary of State, submit to the  
16          Committee on Armed Services and the Committee on  
17          Foreign Affairs of the House of Representatives and  
18          the Committee on Armed Services and the Committee  
19          on Foreign Relations of the Senate an assessment de-  
20          scribing the efforts of the Government of the Islamic  
21          Republic of Afghanistan to manage, employ, and sus-  
22          tain the equipment and inventory provided through  
23          the authority under subsection (a). In conducting  
24          such assessment, the Secretary of Defense shall con-  
25          sider each of the following:

1           (A) *The ability of the Afghanistan Ministry*  
2 *of Defense and the Ministry of Interior to man-*  
3 *age and account for previously-divested equip-*  
4 *ment, including a description of any*  
5 *vulnerabilities or weaknesses of each such Min-*  
6 *istry's internal controls and any plan in place*  
7 *to address shortfalls.*

8           (B) *A description of the monitoring and*  
9 *evaluation systems in place to ensure assistance*  
10 *provided through such authority is used only for*  
11 *the intended purposes.*

12           (C) *Any irregularities in the divestment of*  
13 *equipment to the Afghan National Defense and*  
14 *Security Forces during the period beginning on*  
15 *the date of the creation of the Afghanistan Secu-*  
16 *rity Forces Fund, including any major losses of*  
17 *such equipment or any inability on the part of*  
18 *the Afghan National Defense and Security Forces*  
19 *to account for equipment so procured.*

20           (D) *A description of the sustainment and*  
21 *maintenance costs required for major weapons*  
22 *platforms previously divested, over the 5-year pe-*  
23 *riod beginning on the date of the enactment of*  
24 *this Act and a plan for how the Afghan National*

1           *Defense and Security Forces intends to maintain*  
2           *such platforms in the future.*

3           *(E) An assessment of the distribution prac-*  
4           *tices of the Afghan National Defense and Secu-*  
5           *rity Forces, including the manner in which*  
6           *equipment received through the Afghanistan Se-*  
7           *curity Forces Fund is employed.*

8           *(F) The degree to which the Government of*  
9           *Afghanistan is effectively implementing an anti-*  
10          *corruption strategy.*

11          *(G) The extent to which the Government of*  
12          *Afghanistan is adhering to conditions for receiv-*  
13          *ing assistance established in annual financial*  
14          *commitment letters or any other bilateral agree-*  
15          *ments with the United States.*

16          (2) *WITHHOLDING OF ASSISTANCE FOR INSUFFI-*  
17          *CIENT PROGRESS.—*

18                 *(A) IN GENERAL.—If the Secretary of De-*  
19                 *fense determines, in consultation with the Sec-*  
20                 *retary of State and taking into consideration the*  
21                 *assessment under paragraph (1), that the Gov-*  
22                 *ernment of Afghanistan has made insufficient*  
23                 *progress toward maintaining and employing*  
24                 *equipment provided by the United States, the*  
25                 *Secretary of Defense may withhold assistance for*

1           *the Afghan National Defense and Security Forces*  
2           *under this section until such time as the Sec-*  
3           *retary determines sufficient progress has been*  
4           *made.*

5                   *(B) NOTICE TO CONGRESS.—The Secretary*  
6           *of Defense shall, in coordination with the Sec-*  
7           *retary of State, provide notice to Congress—*

8                           *(i) not later than 30 days after making*  
9                           *a decision to withhold assistance pursuant*  
10                          *to subparagraph (A); and*

11                           *(ii) not later than 30 days before re-*  
12                          *suming any such assistance pursuant to*  
13                          *such subparagraph.*

14   **SEC. 1522. JOINT IMPROVISED-THREAT DEFEAT FUND.**

15           *(a) USE AND TRANSFER OF FUNDS.—Subsections (b)*  
16   *and (c) of section 1514 of the John Warner National De-*  
17   *fense Authorization Act for Fiscal Year 2007 (Public Law*  
18   *109–364; 120 Stat. 2439), as in effect before the amend-*  
19   *ments made by section 1503 of the Duncan Hunter Na-*  
20   *tional Defense Authorization Act for Fiscal Year 2009 (Pub-*  
21   *lic Law 110–417; 122 Stat. 4649), shall apply to the funds*  
22   *made available for fiscal year 2019 to the Department of*  
23   *Defense for the Joint Improvised-Threat Defeat Fund.*

24                   **(b) INTERDICTION OF IMPROVISED EXPLOSIVE DEVICE**  
25   **PRECURSOR CHEMICALS.—**

1           (1) *AVAILABILITY OF FUNDS.*—Of the funds  
2           made available to the Department of Defense for the  
3           Joint Improvised-Threat Defeat Fund for fiscal year  
4           2019, \$15,000,000 may be available to the Secretary  
5           of Defense, with the concurrence of the Secretary of  
6           State, to provide training, equipment, supplies, and  
7           services to ministries and other entities of foreign gov-  
8           ernments that the Secretary has identified as critical  
9           for countering the flow of improvised explosive device  
10          precursor chemicals.

11          (2) *PROVISION THROUGH OTHER US AGEN-*  
12          *CIES.*—If jointly agreed upon by the Secretary of De-  
13          fense and the head of another department or agency  
14          of the United States Government, the Secretary of De-  
15          fense may transfer funds available under paragraph  
16          (1) to such department or agency for the provision by  
17          such department or agency of training, equipment,  
18          supplies, and services to ministries and other entities  
19          of foreign governments as described in that para-  
20          graph.

21          (3) *NOTICE TO CONGRESS.*—None of the funds  
22          made available pursuant to paragraph (1) may be ob-  
23          ligated or expended to supply training, equipment,  
24          supplies, or services to a foreign country before the  
25          date that is 15 days after the date on which the Sec-



1        *retary of Defense, in coordination with the Secretary*  
2        *of State, submits to the Committee on Armed Services*  
3        *and the Committee on Foreign Relations of the Senate*  
4        *and the Committee on Armed Services and the Com-*  
5        *mittee on Foreign Affairs of the House of Representa-*  
6        *tives a notice that contains—*

7                *(A) the foreign country for which training,*  
8                *equipment, supplies, or services are proposed to*  
9                *be supplied;*

10               *(B) a description of the training, equip-*  
11               *ment, supplies, and services to be provided using*  
12               *such funds;*

13               *(C) a detailed description of the amount of*  
14               *funds proposed to be obligated or expended to*  
15               *supply such training, equipment, supplies or*  
16               *services, including any funds proposed to be obli-*  
17               *gated or expended to support the participation of*  
18               *another department or agency of the United*  
19               *States and a description of the training, equip-*  
20               *ment, supplies, or services proposed to be sup-*  
21               *plied;*

22               *(D) an evaluation of the effectiveness of the*  
23               *efforts of the foreign country identified under*  
24               *subparagraph (A) to counter the flow of impro-*  
25               *vised explosive device precursor chemicals; and*

1           (E) an overall plan for countering the flow  
2           of precursor chemicals in the foreign country  
3           identified under subparagraph (A).

4           (4) EXPIRATION.—The authority provided by  
5           this subsection expires on December 31, 2019.

6           (c) TRANSITION PLAN REQUIRED.—Not later than  
7           March 1, 2019, the Secretary of Defense shall submit to the  
8           Committees on Armed Services of the House of Representa-  
9           tives and the Senate a plan to transition funding for the  
10          Joint Improvised-Threat Defeat Fund from amounts made  
11          available for overseas contingency operations to amounts  
12          otherwise made available for the purposes of such Fund.

13       **TITLE XVI—STRATEGIC PRO-**  
14       **GRAMS, CYBER, AND INTEL-**  
15       **LIGENCE MATTERS**

16       **Subtitle A—Space Activities**

17       **SEC. 1601. IMPROVEMENTS TO ACQUISITION SYSTEM, PER-**  
18       **SONNEL, AND ORGANIZATION OF SPACE**  
19       **FORCES.**

20       (a) PLAN FOR ACQUISITION SYSTEM.—

21           (1) DEVELOPMENT.—The Deputy Secretary of  
22           Defense shall develop a plan to establish a separate,  
23           alternative acquisition system for defense space acqui-  
24           sitions, including with respect to procuring space ve-

1        *hicles, ground segments relating to such vehicles, and*  
2        *satellite terminals.*

3            (2) *REQUIREMENTS PROCESS.*—*The plan devel-*  
4        *oped under paragraph (1) shall include recommenda-*  
5        *tions of the Deputy Secretary with respect to whether*  
6        *the separate, alternative acquisition system described*  
7        *in the plan should use the Joint Capabilities Integra-*  
8        *tion and Development System process or instead use*  
9        *a new requirements process developed by the Deputy*  
10       *Secretary in a manner that ensures that requirements*  
11       *for a program are synchronized across the space vehi-*  
12       *cles, ground segments relating to such vehicles, and*  
13       *satellite terminals, of the program.*

14           (3) *EXCEPTION.*—*The plan developed under*  
15        *paragraph (1) shall cover defense space acquisitions*  
16        *except with respect to the National Reconnaissance*  
17        *Office and other elements of the Department of De-*  
18        *fense that are elements of the intelligence community*  
19        *(as defined in section 3 of the National Security Act*  
20        *of 1947 (50 U.S.C. 3003)).*

21           (4) *SUBMISSION.*—*Not later than December 31,*  
22        *2019, the Deputy Secretary shall submit to the con-*  
23        *gressional defense committees a report containing the*  
24        *plan developed under paragraph (1).*

25        (b) *CADRE DEVELOPMENT.*—

1           (1) *PLAN.*—

2                   (A) *DEVELOPMENT.*—*The Secretary of the*  
3 *Air Force shall develop and implement a plan to*  
4 *increase the number and improve the quality of*  
5 *the space cadre of the Air Force.*

6                   (B) *MATTERS INCLUDED.*—*The plan devel-*  
7 *oped under subparagraph (A) shall address the*  
8 *following:*

9                           (i) *Managing the career progression of*  
10 *members of the Armed Forces and civilian*  
11 *employees of the Department who form the*  
12 *space cadre of the Air Force throughout the*  
13 *military or civilian career of the member or*  
14 *the employee, as the case may be, including*  
15 *with respect to—*

16                                   (I) *defining career professional*  
17 *milestones;*

18                                   (II) *pay and incentive structures;*

19                                   (III) *the management and over-*  
20 *sight of the space cadre;*

21                                   (IV) *training relating to planning*  
22 *and executing warfighting missions*  
23 *and operations in space;*

24                                   (V) *conducting periodic cadre-*  
25 *wide professional assessments to deter-*

1                   *mine how the cadre is developing as a*  
2                   *group; and*

3                   (VI) *establishing a centralized*  
4                   *method to control personnel assign-*  
5                   *ments and distribution.*

6                   (ii) *The identification of future space-*  
7                   *related career fields that the Secretary de-*  
8                   *termines appropriate, including a space ac-*  
9                   *quisition career field.*

10                  (iii) *The identification of any overlap*  
11                  *that exists among operations and acquisi-*  
12                  *tions career fields to determine opportuni-*  
13                  *ties for cross-functional career opportuni-*  
14                  *ties.*

15                  (C) *SUBMISSION.*—*Not later than March 1,*  
16                  *2019, the Secretary shall submit to the congres-*  
17                  *sional defense committees a report containing the*  
18                  *plan developed under subparagraph (A).*

19                  (2) *NUMBERED AIR FORCE.*—

20                  (A) *ESTABLISHMENT.*—*Not later than De-*  
21                  *cember 31, 2019, the Secretary of the Air Force*  
22                  *shall establish as part of the Air Force a new*  
23                  *numbered Air Force that is—*

24                  (i) *responsible for carrying out space*  
25                  *warfighting operations; and*

1                   (ii) assigned to the United States  
2                   Space Command established by section 169  
3                   of title 10, United States Code, as added by  
4                   subsection (c).

5                   (B) *EFFECT ON 14TH AIR FORCE.*—The es-  
6                   tablishment of a new numbered Air Force under  
7                   subparagraph (A) shall not effect the space sup-  
8                   port mission of the 14th Air Force, including  
9                   with respect to—

10                   (i) space launches, training, and exer-  
11                   cises; and

12                   (ii) being assigned to the Air Force  
13                   Space Command.

14                   (C) *PLAN.*—Not later than December 31,  
15                   2019, the Secretary shall submit to the congres-  
16                   sional defense committees a plan to establish the  
17                   new numbered Air Force under subparagraph  
18                   (A).

19                   (c) *ESTABLISHMENT OF SUBORDINATE UNIFIED COM-*  
20 *MAND.*—

21                   (1) *IN GENERAL.*—Chapter 6 of title 10, United  
22                   States Code, is amended by adding at the end the fol-  
23                   lowing new section:

1 **“§ 169. Subordinate unified command of the United**  
2 **States Strategic Command**

3 “(a) *ESTABLISHMENT.*—With the advice and assist-  
4 *ance of the Chairman of the Joint Chiefs of Staff, the Presi-*  
5 *dent, through the Secretary of Defense, shall establish under*  
6 *the United States Strategic Command a subordinate uni-*  
7 *fied command to be known as the United States Space Com-*  
8 *mand (in this section referred to as ‘space command’) for*  
9 *carrying out joint space warfighting operations.*

10 “(b) *ASSIGNMENT OF FORCES.*—Unless otherwise di-  
11 *rected by the Secretary of Defense, all active and reserve*  
12 *space warfighting operational forces of the armed forces*  
13 *shall be assigned to the space command, including the num-*  
14 *bered Air Force responsible for carrying out space*  
15 *warfighting operations.*

16 “(c) *COMMANDER.*—(1) *The commander of the space*  
17 *command shall hold the grade of general or, in the case of*  
18 *an officer of the Navy, admiral while serving in that posi-*  
19 *tion, without vacating the permanent grade of the officer.*  
20 *The commander shall be appointed to that grade by the*  
21 *President, by and with the advice and consent of the Senate,*  
22 *for service in that position. The position shall be designated,*  
23 *pursuant to subsection (b) of section 526 of this title, as*  
24 *one of the general officer and flag officer positions to be*  
25 *excluded from the limitations in subsection (a) of such sec-*  
26 *tion.*

1       “(2) *During the three-year period following the date*  
2 *on which the space command is established, the commander*  
3 *of the Air Force Space Command may also serve as the*  
4 *commander of the space command so established. After such*  
5 *period, one individual may not concurrently serve as both*  
6 *such commanders.*

7       “(d) *AUTHORITY OF COMMANDER.—(1) Subject to the*  
8 *authority, direction, and control of the commander of the*  
9 *United States Strategic Command, the commander of the*  
10 *space command shall be responsible for, and shall have the*  
11 *authority to conduct, all affairs of such command relating*  
12 *to joint space warfighting operations.*

13       “(2)(A) *Subject to the authority, direction, and control*  
14 *of the Deputy Secretary of Defense, the commander of the*  
15 *space command shall be responsible for, and shall have the*  
16 *authority to conduct, the following functions relating to*  
17 *joint space warfighting operations (whether or not relating*  
18 *to the space command):*

19               “(i) *Developing strategy, doctrine, and tactics.*

20               “(ii) *Preparing and submitting to the Secretary*  
21 *of Defense program recommendations and budget pro-*  
22 *posals for space operations forces and for other forces*  
23 *assigned to the space command.*



1           “(iii) *Exercising authority, direction, and con-*  
2           *trol over the expenditure of funds for forces assigned*  
3           *directly to the space command.*

4           “(iv) *Training and certification of assigned joint*  
5           *forces.*

6           “(v) *Conducting specialized courses of instruc-*  
7           *tion for commissioned and noncommissioned officers.*

8           “(vi) *Validating requirements.*

9           “(vii) *Establishing priorities for requirements.*

10          “(viii) *Ensuring the interoperability of equip-*  
11          *ment and forces.*

12          “(ix) *Formulating and submitting requirements*  
13          *for intelligence support.*

14          “(x) *Monitoring the promotion of space oper-*  
15          *ation forces and coordinating with the military de-*  
16          *partments regarding the assignment, retention, train-*  
17          *ing, professional military education, and special and*  
18          *incentive pays of space operation forces.*

19          “(B) *The authority, direction, and control exercised by*  
20          *the Deputy Secretary of Defense for purposes of this para-*  
21          *graph is authority, direction, and control with respect to*  
22          *the administration and support of the space command, in-*  
23          *cluding readiness and organization of space operations*  
24          *forces, space operations-peculiar equipment and resources,*  
25          *and civilian personnel.*

1       “(C) *Nothing in this paragraph shall be construed as*  
2 *providing the Deputy Secretary of Defense authority, direc-*  
3 *tion, and control of operational matters that are subject to*  
4 *the operational chain of command of the combatant com-*  
5 *mands or the exercise of authority, direction, and control*  
6 *of personnel, resources, equipment, and other matters that*  
7 *are not space-operations peculiar and that are in the pur-*  
8 *view of the armed forces.*

9       “(3) *The commander of the space command shall be*  
10 *responsible for—*

11               “(A) *ensuring the combat readiness of forces as-*  
12 *signed to the space command; and*

13               “(B) *monitoring the preparedness to carry out*  
14 *assigned missions of space forces assigned to unified*  
15 *combatant commands other than the United States*  
16 *Strategic Command.*

17       “(4) *The staff of the commander shall include an in-*  
18 *spector general who shall conduct internal audits and in-*  
19 *spections of purchasing and contracting actions through the*  
20 *space command and such other inspector general functions*  
21 *as may be assigned.*

22       “(e) *INTELLIGENCE AND SPECIAL ACTIVITIES.—This*  
23 *section does not constitute authority to conduct any activity*  
24 *which, if carried out as an intelligence activity by the De-*  
25 *partment of Defense, would require a notice to the Select*

1 *Committee on Intelligence of the Senate and the Permanent*  
 2 *Select Committee on Intelligence of the House of Represent-*  
 3 *atives under title V of the National Security Act of 1947*  
 4 *(50 U.S.C. 3091 et seq.).”*

5 (2) *CLERICAL AMENDMENT.—The table of sec-*  
 6 *tions at the beginning of such chapter is amended by*  
 7 *inserting after the item relating to section 167b the*  
 8 *following new item:*

*“169. Subordinate unified command of the United States Strategic Command”.*

9 **SEC. 1602. RAPID, RESPONSIVE, AND RELIABLE SPACE**  
 10 **LAUNCH.**

11 (a) *ASSURED ACCESS TO SPACE.—Section 2273 of*  
 12 *title 10, United States Code, is amended—*

13 (1) *in subsection (b)—*

14 (A) *in paragraph (1), by striking “; and”;*

15 (B) *in paragraph (2), by striking the period*  
 16 *at the end and inserting “; and”; and*

17 (C) *by adding at the end the following new*  
 18 *paragraph:*

19 “(3) *the availability of rapid, responsive, and re-*  
 20 *liable space launches for national security space pro-*  
 21 *grams to—*

22 “(A) *improve the responsiveness and flexi-*  
 23 *bility of a national security space system;*

24 “(B) *lower the costs of launching a national*  
 25 *security space system; and*

1           “(C) maintain risks of mission success at  
2           acceptably low levels.”; and

3           (2) in subsection (c), by inserting before the pe-  
4           riod at the end the following: “and the Director of  
5           National Intelligence”.

6           (b) *REUSABILITY OF LAUNCH VEHICLES.*—

7           (1) *DESIGNATION.*—Effective March 1, 2019, the  
8           *Evolved Expendable Launch Vehicle* program of the  
9           Department of Defense shall be known as the “Na-  
10          tional Security Space Launch program”. Any ref-  
11          erence in Federal law, regulations, guidance, instruc-  
12          tions, or other documents of the Federal Government  
13          to the *Evolved Expendable Launch Vehicle* program  
14          shall be deemed to be a reference to the National Secu-  
15          rity Space Launch program.

16          (2) *REQUIREMENT.*—In carrying out the Na-  
17          tional Security Space Launch program, the Secretary  
18          of Defense shall provide for consideration of both reus-  
19          able and expendable launch vehicles with respect to  
20          any solicitation occurring on or after March 1, 2019,  
21          for which the use of a reusable launch vehicle is tech-  
22          nically capable and maintains risk at acceptable lev-  
23          els.

24          (3) *NOTIFICATION OF SOLICITATIONS FOR NON-*  
25          *REUSABLE LAUNCH VEHICLES.*—Beginning March 1,

1       2019, if the Secretary proposes to issue a solicitation  
2       for a contract for space launch services for which the  
3       use of reusable launch vehicles is not eligible for the  
4       award of the contract, the Secretary shall notify in  
5       writing the appropriate congressional committees of  
6       such proposed solicitation, including justifications for  
7       such ineligibility, by not later than 60 days before  
8       issuing such solicitation.

9       (c) *RISK AND COST IMPACT ANALYSIS.*—

10           (1) *IN GENERAL.*—The Secretary shall conduct a  
11       risk and cost impact analysis with respect to launch  
12       services that use reusable launch vehicles. Such anal-  
13       ysis shall include—

14           (A) an assessment of how the inspection and  
15       certification regime of the Air Force for pre-  
16       viously flown launch vehicles will ensure in-  
17       creased responsiveness and operational flexibility  
18       while maintaining acceptably low risk; and

19           (B) an assessment of the anticipated cost  
20       savings to the Department of Defense realized by  
21       using a previously flown launch vehicle or com-  
22       ponents.

23           (2) *SUBMISSION.*—Not later than 180 days after  
24       the date of the enactment of this Act, the Secretary

1       *shall submit to the appropriate congressional commit-*  
2       *tees the analysis conducted under paragraph (1).*

3       (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
4       *FINED.—In this section, the term “appropriate congress-*  
5       *sional committees” means the following:*

6             (1) *The congressional defense committees.*

7             (2) *The Permanent Select Committee on Intel-*  
8       *ligence of the House of Representatives and the Select*  
9       *Committee on Intelligence of the Senate.*

10   **SEC. 1603. PROVISION OF SPACE SITUATIONAL AWARENESS**  
11                           **SERVICES AND INFORMATION.**

12       (a) *ROLE OF DEPARTMENT OF DEFENSE.—Section*  
13    2274(a) of title 10, United States Code, is amended—

14             (1) *by striking “The Secretary of Defense may”*  
15       *and inserting “(1) Except as provided by paragraph*  
16       *(2), the Secretary of Defense may”; and*

17             (2) *by adding at the end the following new para-*  
18       *graph:*

19       “(2) *Beginning January 1, 2024, the Secretary may*  
20       *provide space situational awareness services and informa-*  
21       *tion to, and may obtain space situational awareness data*  
22       *and information from, non-United States Government enti-*  
23       *ties under paragraph (1) only to the extent that the Sec-*  
24       *retary determines such actions are necessary to meet the*  
25       *national security interests of the United States.”.*

1       **(b) INDEPENDENT ASSESSMENT.**—

2               **(1) FFRDC.**—*Not later than 30 days after the*  
3 *date of the enactment of this Act, the Secretary of De-*  
4 *fense shall seek to enter into a contract with a feder-*  
5 *ally funded research and development center for which*  
6 *the Department of Defense is a sponsor to assess*  
7 *which single or combination of departments or agen-*  
8 *cies of the Federal Government, if any, should assume*  
9 *the authorities of the Secretary of Defense under*  
10 *paragraph (1) of section 2274(a) of title 10, United*  
11 *States Code, that the Secretary will no longer carry*  
12 *out beginning on January 1, 2024, pursuant to para-*  
13 *graph (2) of such section, as added by subsection (a)*  
14 *of this section.*

15               **(2) CONSIDERATIONS.**—*The assessment under*  
16 *paragraph (1) shall consider the following:*

17                       **(A)** *The existing staff, budgetary resources,*  
18 *and institutional expertise of the departments*  
19 *and agencies of the Federal Government evalu-*  
20 *ated by the assessment.*

21                       **(B)** *The demonstrated ability of such de-*  
22 *partments and agencies to work collaboratively*  
23 *with industry in developing best practices or*  
24 *consensus standards.*

1           (C) *The capacity of such departments and*  
2           *agencies to facilitate communication between*  
3           *space object operators to avoid a collision.*

4           (D) *The ability of such departments and*  
5           *agencies to use other transaction agreements or*  
6           *similar transaction mechanisms.*

7           (E) *Existing non-profit organizations*  
8           *through which such departments and agencies*  
9           *may oversee the private provision of space situa-*  
10          *tional awareness services and information.*

11          (3) *SUBMISSION.—*

12           (A) *DOD.—Not later than 180 days after*  
13           *the date on which the Secretary and a federally*  
14           *funded research and development center enter*  
15           *into the contract under paragraph (1), the center*  
16           *shall submit to the Secretary a report on the as-*  
17           *essment conducted under such paragraph.*

18           (B) *CONGRESS.—Not later than 10 days*  
19           *after the date on which the Secretary receives the*  
20           *report under subparagraph (A), the Secretary*  
21           *shall submit to the appropriate congressional*  
22           *committees such report, without change.*

23          (c) *PLAN.—*

24           (1) *DEVELOPMENT.—The Secretary of Defense,*  
25           *in coordination with the heads of other departments*



1        *or agencies of the Federal Government determined ap-*  
2        *propriate by the Secretary, shall develop a plan to en-*  
3        *sure that one or more departments or agencies of the*  
4        *Federal Government other than the Department of*  
5        *Defense may provide space situational awareness*  
6        *services and information to non-United States Gov-*  
7        *ernment entities.*

8            (2) *CONSIDERATION.*—*In developing the plan*  
9        *under paragraph (1), the Secretary shall take into*  
10       *consideration the assessment conducted under sub-*  
11       *section (b)(1).*

12           (3) *SUBMISSION.*—*Not later than 180 days after*  
13       *the date on which the Secretary submits the report*  
14       *under subsection (b)(3), the Secretary shall submit to*  
15       *the appropriate congressional committees the plan de-*  
16       *veloped under paragraph (1).*

17           (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
18       *FINED.*—*In this section, the term “appropriate congres-*  
19       *sional committees” means the following:*

20           (1) *The congressional defense committees.*

21           (2) *The Committee on Science, Space, and Tech-*  
22       *nology, the Committee on Transportation and Infra-*  
23       *structure, the Committee on Energy and Commerce,*  
24       *the Committee on Foreign Affairs, and the Permanent*

1       *Select Committee on Intelligence of the House of Rep-*  
2       *resentatives.*

3               (3) *The Committee on Commerce, Science, and*  
4       *Transportation, the Committee on Foreign Relations,*  
5       *and the Select Committee on Intelligence of the Sen-*  
6       *ate.*

7       **SEC. 1604. BUDGET ASSESSMENTS FOR NATIONAL SECU-**  
8               **RITY SPACE PROGRAMS.**

9       *Section 239(b)(1) of title 10, United States Code, is*  
10      *amended to read as follows:*

11           “(1) *Not later than 30 days after the date on which*  
12      *the President submits to Congress the budget for each of fis-*  
13      *cal years 2017 through 2021, the Secretary of Defense shall*  
14      *submit to the congressional defense committees a report on*  
15      *the budget for national security space programs of the De-*  
16      *partment of Defense. The Secretary may include the report*  
17      *in the defense budget materials if the Secretary submits*  
18      *such materials to Congress by such date.”.*

19      **SEC. 1605. ENHANCEMENT OF POSITIONING, NAVIGATION,**  
20               **AND TIMING CAPACITY.**

21           (a) *CAPABILITY FOR TRUSTED SIGNALS.—The Sec-*  
22      *retary of the Air Force shall ensure that military Global*  
23      *Positioning System user equipment terminals have the ca-*  
24      *pability, including with appropriate mitigation efforts, to*  
25      *receive trusted signals from the Galileo satellites of the Eu-*

1 *ropean Union and the QZSS satellites of Japan, beginning*  
2 *with increment 2 of the acquisition of such terminals.*

3       **(b) CAPABILITY FOR OTHER SIGNALS.**—*The Secretary*  
4 *of the Air Force shall ensure that military Global Posi-*  
5 *tioning System user equipment terminals having the capa-*  
6 *bility to receive non-allied positioning, navigation, and*  
7 *timing signals, beginning with increment 2 of the acquisi-*  
8 *tion of such terminals, if the Secretary of Defense, in con-*  
9 *sultation with the Commander of the United States Stra-*  
10 *tegic Command, determines that—*

11           **(1)** *the benefits of receiving such signals outweigh*  
12 *the risks; or*

13           **(2)** *such risks can be appropriately mitigated.*

14       **(c) ENGAGEMENT.**—*The Secretary of Defense, jointly*  
15 *with the Secretary of State, shall engage with relevant allies*  
16 *of the United States to—*

17           **(1)** *enable military Global Positioning System*  
18 *user equipment terminals to receive the positioning,*  
19 *navigation, and timing signals of such allies; and*

20           **(2)** *negotiate as appropriate other potential*  
21 *agreements relating to the enhancement of posi-*  
22 *tioning, navigation, and timing.*

1 **SEC. 1606. USE OF SMALL- AND MEDIUM-SIZE BUSES FOR**  
2 **STRATEGIC AND TACTICAL SATELLITE PAY-**  
3 **LOADS.**

4 (a) *BRIEFING ON RISKS, BENEFITS, AND COST SAV-*  
5 *INGS.—*

6 (1) *BRIEFING.—Not later than 180 days after*  
7 *the date of the enactment of this Act, the Secretary of*  
8 *Defense, in coordination with the Director of National*  
9 *Intelligence, shall provide to the Committees on*  
10 *Armed Services of the House of Representatives and*  
11 *the Senate, and to any other appropriate congress-*  
12 *sional committee upon request, a briefing on the risks,*  
13 *benefits, and cost savings with respect to using small-*  
14 *and medium-size buses for strategic and tactical sat-*  
15 *ellite payloads for protected satellite communications*  
16 *programs and next-generation overhead persistent in-*  
17 *frared systems.*

18 (2) *MATTERS INCLUDED.—The briefing provided*  
19 *under paragraph (1) shall address the following:*

20 (A) *Increasing component and subcompo-*  
21 *nent commonality for power regulation, solar ar-*  
22 *rays, battery technology, thermal control, and*  
23 *avionics.*

24 (B) *The security of the supply chain, in-*  
25 *cluding a strategy to mitigate risk in such sup-*  
26 *ply chain.*

1       (b) *ANALYSES OF ALTERNATIVES.*—

2               (1) *CERTIFICATIONS.*—*With respect to each anal-*  
3       *ysis of alternatives of new space vehicles relating to*  
4       *a program described in paragraph (2), the Director*  
5       *for Cost Assessment and Program Evaluation shall*  
6       *certify to the appropriate congressional committees*  
7       *that the analysis—*

8               (A) *includes materiel solutions for using*  
9       *small- and medium-size buses; and*

10              (B) *considers the relevant operational bene-*  
11       *fits and potential cost savings of using small-,*  
12       *medium-, and large-size buses.*

13              (2) *PROGRAMS DESCRIBED.*—*The programs de-*  
14       *scribed in this paragraph are the programs of the De-*  
15       *partment of Defense relating to any of the following:*

16              (A) *Protected satellite communications.*

17              (B) *Next-generation overhead persistent in-*  
18       *frared systems.*

19              (C) *Space-based environmental monitoring.*

20       (c) *BRIEFING ON ALTERNATIVE SPACE-BASED ARCHI-*  
21       *TECTURES.*—*Not later than 240 days after the date of the*  
22       *enactment of this Act, the Secretary of Defense, the Sec-*  
23       *retary of the Air Force, and the Chairman of the Joint*  
24       *Chiefs of Staff shall jointly provide to the Committees on*  
25       *Armed Services of the House of Representatives and the*

1 *Senate, and to any other appropriate congressional com-*  
2 *mittee upon request, a briefing on alternative space-based*  
3 *architectures for the programs described in subsection (b)(2)*  
4 *using small-, medium-, and large-size buses.*

5 *(d) APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
6 *FINED.—In this section, the term “appropriate congres-*  
7 *sional committees” means the following:*

8 *(1) The congressional defense committees.*

9 *(2) The Permanent Select Committee on Intel-*  
10 *ligence of the House of Representatives and the Select*  
11 *Committee on Intelligence of the Senate.*

12 **SEC. 1607. DESIGNATION OF COMPONENT OF DEPARTMENT**  
13 **OF DEFENSE RESPONSIBLE FOR COORDINA-**  
14 **TION OF MODERNIZATION EFFORTS RELAT-**  
15 **ING TO MILITARY-CODE CAPABLE GPS RE-**  
16 **CEIVER CARDS.**

17 *(a) DESIGNATION.—Not later than 30 days after the*  
18 *date of the enactment of this Act, the Secretary of Defense,*  
19 *in coordination with the Secretaries of the military depart-*  
20 *ments and the heads of Defense Agencies the Secretary de-*  
21 *termines appropriate, shall designate a component of the*  
22 *Office of the Secretary of Defense to be responsible for co-*  
23 *ordinating common solutions for the M-code modernization*  
24 *efforts among the military departments, Defense Agencies,*

1 *and other appropriate elements of the Department of De-*  
2 *fense.*

3       **(b) ROLES AND RESPONSIBILITIES.**—*The roles and re-*  
4 *sponsibilities of the component selected under subsection (a)*  
5 *shall include the following:*

6           **(1) Identify the elements of the Department of**  
7 *Defense and the programs of the Department that re-*  
8 *quire M-code capable receiver cards and determine—*

9                   **(A) the number of total receiver cards re-**  
10 *quired by the Department, including the number*  
11 *required for each such element and program and*  
12 *the military departments;*

13                   **(B) the timeline, by fiscal year, for each**  
14 *program of the Department conducting M-code*  
15 *modernization efforts; and*

16                   **(C) the projected cost for each such pro-**  
17 *gram.*

18           **(2) Systematically collect integration test data,**  
19 *lessons learned, and design solutions, and share such*  
20 *information with other elements of the Department.*

21           **(3) Identify ways the Department can prevent**  
22 *duplication in conducting M-code modernization ef-*  
23 *forts, and identify, to the extent practicable, potential*  
24 *cost savings that could be realized by addressing such*  
25 *duplication.*

1           (4) *Coordinate the integration, testing, and pro-*  
2           *curement of M-code capable receiver cards to ensure*  
3           *that the Department maximizes the buying power of*  
4           *the Department, reduces duplication, and saves re-*  
5           *sources, where possible.*

6           (c) *SUPPORT.—The Secretary of Defense shall ensure*  
7           *the military departments, the Defense Agencies, and other*  
8           *elements of the Department of Defense provide the compo-*  
9           *nent selected under subsection (a) with the appropriate sup-*  
10          *port and resources needed to perform the roles and respon-*  
11          *sibilities under subsection (b).*

12          (d) *REPORTS.—Not later than March 15, 2019, and*  
13          *annually thereafter through 2021, the Secretary of Defense*  
14          *shall provide to the congressional defense committees a re-*  
15          *port on M-code modernization efforts. Each report shall in-*  
16          *clude, with respect to the period covered by the report, the*  
17          *following:*

18               (1) *The projected cost and schedule, by fiscal*  
19               *year, for the Department to acquire M-code capable*  
20               *receiver cards.*

21               (2) *The programs of the Department conducting*  
22               *M-code modernization efforts.*

23               (3) *The number of M-code capable receiver cards*  
24               *procured by the Department, the number of such re-*  
25               *ceiver cards yet to be procured, and the percentage of*



1       *the M-code modernization efforts completed by each*  
2       *program identified under paragraph (2).*

3       *(e) DEFINITIONS.—In this section:*

4             (1) *The term “M-code capable receiver card”*  
5       *means a Global Positioning System receiver card that*  
6       *is capable of receiving military code that provides en-*  
7       *hanced positioning, navigation, and timing capabili-*  
8       *ties and improved resistance to existing and emerging*  
9       *threats, such as jamming.*

10            (2) *The term “M-code modernization efforts”*  
11       *means the development, integration, testing, and pro-*  
12       *curement programs of the Department of Defense re-*  
13       *lating to developing M-code capable receiver cards.*

14       **SEC. 1608. DESIGNATION OF COMPONENT OF DEPARTMENT**  
15                               **OF DEFENSE RESPONSIBLE FOR COORDINA-**  
16                               **TION OF HOSTED PAYLOAD INFORMATION.**

17       *(a) FINDINGS.—Congress finds the following:*

18             (1) *Using commercially hosted payloads is an*  
19       *option for the Department of Defense that should be*  
20       *considered in analyses of alternatives, as it could in-*  
21       *crease cost savings, speed up capability to orbit, and*  
22       *contribute to resilience through the use of*  
23       *disaggregated space systems by the Department.*

24             (2) *The use by the Department of commercially*  
25       *hosted payloads has been limited so far, using com-*

1        *mercial satellites to host three experimental payloads*  
2        *to date, though the use of hosted payloads could ex-*  
3        *pand in the future.*

4            *(3) The Department does not have the knowledge*  
5        *the Department needs to determine if commercially*  
6        *hosted payloads are an acquisition approach worth*  
7        *pursuing.*

8            *(4) The Department faces challenges in matching*  
9        *payloads to commercial hosts, due to numerous*  
10       *logistical challenges to matching payloads to hosts, in-*  
11       *cluding coordinating the size, weight and power of the*  
12       *payload with the commercial host, and aligning ac-*  
13       *quisition and funding timelines between government*  
14       *and commercial programs.*

15           *(5) The Comptroller General of the United States*  
16       *in preliminary findings concluded that the space ac-*  
17       *quisition culture of the Department lacks sufficient*  
18       *knowledge, such as costs, technical parameters, and*  
19       *lessons learned, to determine the benefits and address*  
20       *the challenges of using commercially hosted payloads*  
21       *and that the existing knowledge is fragmented across*  
22       *the Department without any plans to consolidate it.*

23           *(6) Programs are not required to report data on*  
24       *commercially hosted payloads to any centralized office*  
25       *or database, and leveraging cost and technical data*

1        *from hosted payload efforts could inform future inter-*  
2        *ested programs and avoid duplication of efforts, but*  
3        *currently no such comprehensive data source exists.*

4        *(b) DESIGNATION.—Not later than 30 days after the*  
5        *date of the enactment of this Act, the Secretary of Defense,*  
6        *in coordination with the Secretary of the Air Force, and*  
7        *other Secretaries of the military departments and the heads*  
8        *of Defense Agencies the Secretary determines appropriate,*  
9        *shall designate a component of the Department of Defense*  
10       *or a military department to be responsible for coordinating*  
11       *information, processes, and lessons learned relating to using*  
12       *commercially hosted payloads across the military depart-*  
13       *ments, Defense Agencies, and other appropriate elements of*  
14       *the Department of Defense. The functions of such designated*  
15       *component shall include, at a minimum, the following:*

16            *(1) Systematically collecting information from*  
17            *past and planned hosted payload arrangements to in-*  
18            *form future acquisition planning and space system*  
19            *architecture design, including integration test data,*  
20            *lessons learned, and design solutions.*

21            *(2) Creating a centralized database for cost, tech-*  
22            *nical data, and lessons learned on commercially*  
23            *hosted payloads and sharing such information with*  
24            *other elements of the Department.*

1 **SEC. 1609. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
2 **JOINT SPACE OPERATIONS CENTER MISSION**  
3 **SYSTEM.**

4 (a) *JMS.*—None of the funds authorized to be appro-  
5 priated by this Act or otherwise made available for fiscal  
6 year 2019 for the Joint Space Operations Center mission  
7 system may be obligated or expended until the date on  
8 which the Deputy Secretary of Defense makes the certifi-  
9 cation under subsection (c).

10 (b) *ESBMC2.*—Of the funds authorized to be appro-  
11 priated by this Act or otherwise made available for fiscal  
12 year 2019 for service and management applications of the  
13 enterprise space battle management command and control,  
14 not more than 75 percent may be obligated or expended  
15 until the date on which the Deputy Secretary of Defense  
16 makes the certification under subsection (c).

17 (c) *CERTIFICATION.*—The Deputy Secretary of De-  
18 fense, without delegation, shall certify to the congressional  
19 defense committees that the Secretary of the Air Force has  
20 entered into a contract to operationalize existing, proven,  
21 best-in-breed commercial space situational awareness proc-  
22 essing software to address warfighter requirements and fill  
23 gaps in current space situational capabilities.

1 **SEC. 1610. EVALUATION AND ENHANCED SECURITY OF SUP-**  
2 **PLY CHAIN FOR PROTECTED SATELLITE COM-**  
3 **MUNICATIONS PROGRAMS AND OVERHEAD**  
4 **PERSISTENT INFRARED SYSTEMS.**

5 (a) *EVALUATIONS OF SUPPLY CHAIN*  
6 *VULNERABILITIES.*—

7 (1) *IN GENERAL.*—*Not later than December 31,*  
8 *2020, and in accordance with the plan under para-*  
9 *graph (2)(A), the Secretary of Defense, in coordina-*  
10 *tion with the Director of National Intelligence, shall*  
11 *conduct evaluations of the supply chain*  
12 *vulnerabilities of each covered program.*

13 (2) *PLAN.*—

14 (A) *DEVELOPMENT.*—*The Secretary shall*  
15 *develop a plan to carry out the evaluations*  
16 *under paragraph (1), including with respect to*  
17 *the personnel and resources required to carry out*  
18 *such evaluations.*

19 (B) *BRIEFING.*—*Not later than 180 days*  
20 *after the date of the enactment of this Act, the*  
21 *Secretary shall provide to the Committees on*  
22 *Armed Services of the House of Representatives*  
23 *and the Senate, and to any other appropriate*  
24 *congressional committee upon request, a briefing*  
25 *on the plan under subparagraph (A).*

1           (3) *WAIVER.*—*The Secretary may waive, on a*  
2 *case-by-case basis with respect to a covered program,*  
3 *either the requirement to conduct an evaluation under*  
4 *paragraph (1) or the deadline specified in such para-*  
5 *graph if the Secretary certifies to the congressional*  
6 *defense committees before such date that all known*  
7 *supply chain vulnerabilities of such covered program*  
8 *have minimal consequences for the capability of such*  
9 *covered program to meet operational requirements or*  
10 *otherwise satisfy mission requirements.*

11           (4) *RISK MITIGATION STRATEGIES.*—*In carrying*  
12 *out an evaluation under paragraph (1), the Secretary*  
13 *shall develop—*

14                   (A) *strategies for mitigating the risks of*  
15 *supply chain vulnerabilities identified in the*  
16 *course of such evaluation; and*

17                   (B) *cost estimates for such strategies.*

18           (b) *PRIORITIZATION OF CERTAIN SUPPLY CHAIN RISK*  
19 *MANAGEMENT EFFORTS.*—

20           (1) *INSTRUCTIONS.*—*Not later than 180 days*  
21 *after the date of the enactment of this Act, the Sec-*  
22 *retary shall issue a Department of Defense Instruc-*  
23 *tion, or update such an Instruction, establishing the*  
24 *prioritization of supply chain risk management pro-*  
25 *grams, including supply chain risk management*

1 *threat assessment reporting, to ensure that acquisition*  
2 *and sustainment programs relating to covered pro-*  
3 *grams receive the highest priority of such supply*  
4 *chain risk management programs and reporting.*

5 (2) *REQUIREMENTS.*—

6 (A) *ESTABLISHMENT.*—*The Secretary shall*  
7 *establish requirements to carry out supply chain*  
8 *risk management threat assessment collections*  
9 *and analyses under acquisition and sustainment*  
10 *programs relating to covered programs.*

11 (B) *BRIEFING.*—*Not later than 120 days*  
12 *after the date of the enactment of this Act, the*  
13 *Secretary shall provide to the Committees on*  
14 *Armed Services of the House of Representatives*  
15 *and the Senate, and to any other appropriate*  
16 *congressional committee upon request, a briefing*  
17 *on the requirements established under subpara-*  
18 *graph (A).*

19 (c) *DEFINITIONS.*—*In this section:*

20 (1) *The term “appropriate congressional com-*  
21 *mittees” means the following:*

22 (A) *The congressional defense committees.*

23 (B) *The Permanent Select Committee on In-*  
24 *telligence of the House of Representatives and the*  
25 *Select Committee on Intelligence of the Senate.*

1           (2) *The term “covered programs” means pro-*  
2           *grams of the Department of Defense relating to any*  
3           *of the following:*

4                   (A) *Protected satellite communications.*

5                   (B) *Next-generation overhead persistent in-*  
6           *frared systems.*

7   **SEC. 1611. REPORT ON PROTECTED SATELLITE COMMU-**  
8                   **NICATIONS.**

9           *Not later than December 31, 2018, the Secretary of De-*  
10          *fense shall submit to the congressional defense committees*  
11          *a report on how each of the following programs will meet*  
12          *the requirements for resilience, mission assurance, and the*  
13          *nuclear command, control, and communication missions of*  
14          *the Department of Defense:*

15                   (1) *The evolved strategic satellite program.*

16                   (2) *The protected tactical service program.*

17                   (3) *The protected tactical enterprise service pro-*  
18          *gram.*

19   **SEC. 1612. PLAN ON SPACE WARFIGHTING READINESS.**

20          (a) *IN GENERAL.*—*Not later than 60 days after the*  
21          *date of the enactment of this Act, the Secretary of Defense*  
22          *shall develop, and commence the implementation of, a plan*  
23          *that—*

24                   (1) *identifies joint mission-essential tasks for*  
25          *space as a warfighting domain;*





1 ations and services for space-based electromagnetic collec-  
2 tions. Such study shall address the following:

3 (1) The near-term commercial market offerings  
4 of such operations and services in the United States  
5 and outside the United States.

6 (2) The potential benefits to the United States  
7 provided by such operations and services.

8 (3) The potential risks to the United States posed  
9 by such operations and services.

10 (4) The sufficiency of existing legal authorities  
11 available to the Secretary and the Director to address  
12 such potential risks.

13 (b) *REPORT.*—Not later than 90 days after the date  
14 of the enactment of this Act, the Secretary and the Director  
15 shall jointly submit to the congressional defense committees,  
16 the Permanent Select Committee on Intelligence of the  
17 House of Representatives, and the Select Committee on In-  
18 telligence of the Senate a report containing the study under  
19 subsection (a).

20 **SEC. 1614. PLAN TO PROVIDE PERSISTENT WEATHER IM-**  
21 **AGERY FOR UNITED STATES CENTRAL COM-**  
22 **MAND.**

23 (a) *PLAN.*—The Secretary of the Air Force shall de-  
24 velop a plan to provide the United States Central Com-  
25 mand with persistent weather imagery for the area of oper-

1 ations of the Command beginning not later than January  
2 1, 2026.

3 (b) *MATTERS INCLUDED.*—The plan developed under  
4 subsection (a) shall include the following:

5 (1) A long-term method for providing the United  
6 States Central Command with persistent weather im-  
7 agery for the area of operations of the Command  
8 that—

9 (A) does not rely on data provided by a for-  
10 eign government; and

11 (B) does not include relocating legacy geo-  
12 stationary operational environmental satellites.

13 (2) A description of the costs required to carry  
14 out the plan.

15 (c) *SUBMISSION.*—Not later than March 1, 2019, the  
16 Secretary shall submit to the congressional defense commit-  
17 tees the plan developed under subsection (a).

18 ***Subtitle B—Defense Intelligence***  
19 ***and Intelligence-Related Activities***

20 ***SEC. 1621. ROLE OF UNDER SECRETARY OF DEFENSE FOR***  
21 ***INTELLIGENCE.***

22 Subsection (b) of section 137 of title 10, United States  
23 Code, is amended to read as follows:

1       “(b) Subject to the authority, direction, and control of  
2 the Secretary of Defense, the Under Secretary of Defense  
3 for Intelligence shall—

4               “(1) have responsibility for the overall direction  
5 and supervision for policy, program planning and  
6 execution, and use of resources, for the activities of the  
7 Department of Defense that are part of the Military  
8 Intelligence Program;

9               “(2) execute the functions for the National Intel-  
10 ligence Program of the Department of Defense under  
11 section 105 of the National Security Act of 1947 (50  
12 U.S.C. 3038), as delegated by the Secretary of De-  
13 fense;

14               “(3) have responsibility for the overall direction  
15 and supervision for policy, program planning and  
16 execution, and use of resources, for the information se-  
17 curity, personnel security, physical security, and in-  
18 dustrial security related activities of the Department  
19 of Defense; and

20               “(4) perform such duties and exercise such pow-  
21 ers as the Secretary of Defense may prescribe in the  
22 area of intelligence.”.

1 **SEC. 1622. SECURITY CLEARANCE FOR DUAL NATIONALS.**

2 (a) *IN GENERAL.*—Chapter 80 of title 10, United  
3 States Code, is amended by inserting after section 1564a  
4 the following new section:

5 **“§ 1564b. Security clearance for dual nationals**

6 “(a) *ADDITIONAL REVIEW.*—(1) *In the case of an indi-*  
7 *vidual described in paragraph (3), the Secretary of Defense*  
8 *shall develop a process to review foreign preference in ac-*  
9 *cordance with the adjudicative guidelines under part 147*  
10 *of title 32, Code of Federal Regulations, or such successor*  
11 *regulation, before approving a security clearance for such*  
12 *individual.*

13 “(2) *The Secretary shall designate an official of the*  
14 *Department of Defense to be responsible for adjudicating*  
15 *any derogatory information of an individual described in*  
16 *paragraph (3) concerning foreign preference that is discov-*  
17 *ered after the security clearance of the individual is ap-*  
18 *proved.*

19 “(3) *An individual described in this paragraph is an*  
20 *individual who is—*

21 “(A) *a national of the United States (as such*  
22 *term is defined in section 101 of the Immigration and*  
23 *Nationality Act (8 U.S.C. 1101)) and also a national*  
24 *of a foreign state; and*

25 “(B) *either—*

1           “(i) a civilian employee or contractor who  
2           requires access to classified information; or

3           “(ii) a member of the armed forces who re-  
4           quires access to classified information.

5           “(b) WAIVER.—(1) In the case of an individual who  
6 is a national of the United States and also a national of  
7 a foreign state identified under paragraph (2), the Sec-  
8 retary may waive the requirement under subsection (a).

9           “(2) The Director of National Intelligence shall iden-  
10 tify foreign states that authorize citizens or nationals of the  
11 United States to serve in positions of trust equivalent to  
12 positions in the United States Government that require ac-  
13 cess to classified information.”.

14           (b) CLERICAL AMENDMENT.—The table of sections at  
15 the beginning of such chapter is amended by inserting after  
16 the item relating to section 1564a the following new item:  
          “1564b. Security clearance for dual nationals.”.

17           (c) BRIEFING.—

18           (1) IN GENERAL.—Not later than 180 days after  
19 the date of the enactment of this Act, the Secretary of  
20 Defense shall provide to the Committees on Armed  
21 Services of the House of Representatives and the Sen-  
22 ate, and to any other appropriate congressional com-  
23 mittee upon request, a briefing on—

1           (A) the process developed under paragraph  
2           (1) of section 1564b(a) of title 10, United States  
3           Code, as added by subsection (a); and

4           (B) the official designated under paragraph  
5           (2) of such section 1564b(a).

6           (2) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
7           *DEFINED.*—In this subsection, the term “appropriate  
8           congressional committees” means the following:

9           (A) *The Committees on Armed Services of*  
10           *the House of Representatives and the Senate.*

11           (B) *The Permanent Select Committee on In-*  
12           *telligence of the House of Representatives and the*  
13           *Select Committee on Intelligence of the Senate.*

14 **SEC. 1623. DEPARTMENT OF DEFENSE COUNTERINTEL-**  
15           **LIGENCE POLYGRAPH PROGRAM.**

16           (a) *ADDITION OF DUAL-NATIONALS.*—Subsection (b) of  
17           section 1564a of title 10, United States Code, is amended  
18           to read as follows:

19           “(b) *PERSONS COVERED.*—Except as provided in sub-  
20           section (d), the following persons are subject to this section:

21           “(1) *With respect to persons whose duties are de-*  
22           *scribed in subsection (c)—*

23           “(A) *military and civilian personnel of the*  
24           *Department of Defense;*

25           “(B) *personnel of defense contractors;*

1           “(C) persons assigned or detailed to the De-  
2           partment of Defense; and

3           “(D) applicants for a position in the De-  
4           partment of Defense.

5           “(2) A person who is—

6           “(A) a national of the United States (as  
7           such term is defined in section 101 of the Immi-  
8           gration and Nationality Act (8 U.S.C. 1101))  
9           and also a national of a foreign state; and

10          “(B) either—

11           “(i) a civilian employee or contractor  
12           who requires access to classified informa-  
13           tion; or

14           “(ii) a member of the armed forces who  
15           requires access to classified information.”.

16          (b) *STANDARDS FOR DUAL-NATIONALS.*—Subsection  
17          (e)(2) of such section is amended by adding at the end the  
18          following new subparagraph:

19           “(D) With respect to persons described in sub-  
20           section (b)(2), to assist in assessing foreign preference  
21           or foreign influence risks, as described in part 147 of  
22           title 32, Code of Federal Regulation, or such successor  
23           regulations.”.

24          (c) *CONFORMING AMENDMENTS.*—Such section is fur-  
25          ther amended—



1           (1) *in subsection (c), by striking “in subsection*  
2 *(b)” and inserting “in subsection (b)(1)”*; and

3           (2) *in subsection (e)(2)(A), by striking “in sub-*  
4 *sections (b)” and inserting “in subsections (b)(1)”*.

5 **SEC. 1624. DEFENSE INTELLIGENCE BUSINESS MANAGE-**  
6 **MENT SYSTEMS.**

7           (a) *STANDARDIZED BUSINESS PROCESS RULES.—*

8           (1) *DEVELOPMENT.—Not later than October 1,*  
9 *2020, the Chief Management Officer of the Depart-*  
10 *ment of Defense, in coordination with the Under Sec-*  
11 *retary of Defense (Comptroller) and the Under Sec-*  
12 *retary of Defense for Intelligence, shall develop and*  
13 *implement standardized business process rules for the*  
14 *planning, programming, budgeting, and execution*  
15 *process for the Military Intelligence Program.*

16           (2) *TREATMENT OF DATA.—The Chief Manage-*  
17 *ment Officer shall develop the standardized business*  
18 *process rules under paragraph (1) in accordance with*  
19 *section 911 of the National Defense Authorization Act*  
20 *for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
21 *1519; 10 U.S.C. 2222 note) and section 2222(e)(6) of*  
22 *title 10, United States Code.*

23           (3) *USE OF EXISTING SYSTEMS.—In developing*  
24 *the standardized business process rules under para-*  
25 *graph (1), to the extent practicable, the Chief Manage-*

1 *ment Officer shall use enterprise business systems of*  
2 *the Department of Defense in existence as of the date*  
3 *of the enactment of this Act.*

4 (4) *REPORT.—Not later than March 1, 2019, the*  
5 *Chief Management Officer of the Department of De-*  
6 *fense, the Under Secretary of Defense (Comptroller),*  
7 *and the Under Secretary of Defense for Intelligence*  
8 *shall jointly submit to the appropriate congressional*  
9 *committees a report containing a plan to develop the*  
10 *standardized business process rules under paragraph*  
11 *(1).*

12 (5) *APPROPRIATE CONGRESSIONAL COMMIT-*  
13 *TEES.—In this subsection, the term “appropriate con-*  
14 *gressional committees” means the following:*

15 (A) *The congressional defense committees.*

16 (B) *The Permanent Select Committee on In-*  
17 *telligence of the House of Representatives and the*  
18 *Select Committee on Intelligence of the Senate.*

19 (b) *PROGRAM ELEMENTS.—*

20 (1) *IN GENERAL.—Chapter 9 of title 10, United*  
21 *States Code, is amended by adding at the end the fol-*  
22 *lowing new section:*

1 **“§ 239b. Certain intelligence-related programs: budget**  
2 **justification materials**

3 “(a) *PROHIBITION ON USE OF PROGRAM ELE-*  
4 *MENTS.—In the budget justification materials submitted to*  
5 *Congress in support of the Department of Defense budget*  
6 *for fiscal year 2021 and each fiscal year thereafter (as sub-*  
7 *mitted with the budget of the President under section*  
8 *1105(a) of title 31), the Secretary of Defense may not in-*  
9 *clude in any single program element both funds made avail-*  
10 *able under the Military Intelligence Program and funds*  
11 *made available outside of the Military Intelligence Pro-*  
12 *gram.*

13 “(b) *DEFINITIONS.—In this section:*

14 “(1) *The term ‘budget’ has the meaning given*  
15 *that term in section 231(f) of this title.*

16 “(2) *The term ‘defense budget materials’ has the*  
17 *meaning given that term in section 231(f) of this*  
18 *title.”.*

19 (2) *CLERICAL AMENDMENT.—The table of sec-*  
20 *tions at the beginning of such chapter is amended by*  
21 *inserting after the item relating to section 239a the*  
22 *following new item:*

*“239b. Certain intelligence-related programs: budget justification materials”.*

1 **SEC. 1625. MODIFICATION TO ANNUAL BRIEFING ON THE**  
2 **INTELLIGENCE, SURVEILLANCE, AND RECON-**  
3 **NAISSANCE REQUIREMENTS OF THE COMBAT-**  
4 **ANT COMMANDS.**

5 (a) *IN GENERAL.*—Section 1626 of the Carl Levin and  
6 Howard P. “Buck” McKeon National Defense Authoriza-  
7 tion Act for Fiscal Year 2015 (Public Law 113–291; 128  
8 Stat. 3635), as amended by section 1624 of the National  
9 Defense Authorization Act for Fiscal Year 2018 (Public  
10 Law 115–91; 131 Stat. 1732), is further amended—

11 (1) in the matter preceding paragraph (1), by  
12 striking “2020” and inserting “2025”; and

13 (2) in paragraph (1)—

14 (A) in subparagraph (B), by striking “;  
15 and” and inserting a semicolon; and

16 (B) by adding at the end the following new  
17 subparagraph:

18 “(D) for the year preceding the year in which  
19 the briefing is provided—

20 “(i) the number of hours or amount of ca-  
21 pacity of intelligence, surveillance, and recon-  
22 naissance requested by each commander of a  
23 combatant command, by specific intelligence ca-  
24 pability type;

25 “(ii) the number of such requests identified  
26 under clause (i) that the Joint Chiefs of Staff de-

1           *terminated to be a validated requirement, includ-*  
2           *ing the number of hours or amount of capacity*  
3           *of such requests that were provided to each such*  
4           *commander; and*

5           *“(iii) with respect to such validated require-*  
6           *ments, the number of hours or amount of capac-*  
7           *ity of intelligence, surveillance, and reconnais-*  
8           *sance, by specific intelligence capability type,*  
9           *that the Joint Chiefs of Staff requested each mili-*  
10          *tary department to provide, and the number of*  
11          *such hours or the amount of such capacity so*  
12          *provided by each such military department;*  
13          *and”.*

14          **(b) CODIFICATION.**—*Such section 1626, as amended by*  
15          *subsection (a), is—*

16                 *(1) transferred to chapter 21 of title 10, United*  
17                 *States Code; and*

18                 *(2) redesignated as subsection (c) of section 426*  
19                 *of such title.*

20          **SEC. 1626. PROHIBITION ON THE AVAILABILITY OF FUNDS**  
21                         **FOR DEPARTMENT OF DEFENSE ASSUMING**  
22                         **BACKGROUND INVESTIGATION MISSION FOR**  
23                         **THE FEDERAL GOVERNMENT.**

24                 *None of the funds authorized to be appropriated by this*  
25                 *Act or otherwise made available for fiscal year 2019 for the*

1 *Department of Defense may be obligated or expended during*  
2 *the period beginning on the date of the enactment of this*  
3 *Act and ending on December 31, 2019, to transfer to the*  
4 *Department the background investigation mission for all*  
5 *agencies or departments of the Federal Government using*  
6 *the National Background Investigation Bureau for inves-*  
7 *tigative services as of April 1, 2018.*

8       ***Subtitle C—Cyberspace-Related***  
9                               ***Matters***

10 ***SEC. 1631. AMENDMENTS TO PILOT PROGRAM REGARDING***  
11                               ***CYBER VULNERABILITIES OF DEPARTMENT***  
12                               ***OF DEFENSE CRITICAL INFRASTRUCTURE.***

13       *Subsection (b) of section 1650 of the National Defense*  
14 *Authorization Act for Fiscal Year 2017 (10 U.S.C. 2224*  
15 *note) is amended—*

16               (1) *in paragraph (1), in the matter preceding*  
17 *subparagraph (A), by inserting “and the Defense Dig-*  
18 *ital Service” after “covered research laboratory”;*

19               (2) *in paragraph (4), in the matter preceding*  
20 *subparagraph (A), by striking “2019” and inserting*  
21 *“2020”; and*

22               (3) *in paragraph (5), by striking “2019” and in-*  
23 *serting “2020”.*

1 **SEC. 1632. BUDGET DISPLAY FOR CYBER VULNERABILITY**  
2 **EVALUATIONS AND MITIGATION ACTIVITIES**  
3 **FOR MAJOR WEAPON SYSTEMS OF THE DE-**  
4 **PARTMENT OF DEFENSE.**

5 (a) *BUDGET REQUIRED.*—Beginning in fiscal year  
6 2021 and in each fiscal year thereafter, the Secretary of  
7 Defense shall submit to Congress, as a part of the docu-  
8 mentation that supports the President’s annual budget for  
9 the Department of Defense, a consolidated Cyber Vulner-  
10 ability Evaluation and Mitigation budget justification dis-  
11 play for each major weapons system of the Department of  
12 Defense that includes the following:

13 (1) *CYBER VULNERABILITY EVALUATIONS.*—

14 (A) *STATUS.*—Whether, in accordance with  
15 paragraph (1) of section 1647(a) of the National  
16 Defense Authorization Act for Fiscal Year 2016  
17 (Public Law 114–92; 129 Stat. 1118), the cyber  
18 vulnerability evaluation for each such major  
19 weapon system is pending, in progress, complete,  
20 or, pursuant to paragraph (2) of such section,  
21 waived.

22 (B) *FUNDING.*—The funding required for  
23 the fiscal year with respect to which the budget  
24 is submitted and for at least the four succeeding  
25 fiscal years required to complete the pending or

1           *in progress cyber vulnerability evaluation of*  
2           *each such major weapon system.*

3           (C) *DESCRIPTION.*—*A description of the ac-*  
4           *tivities planned in the fiscal year with respect to*  
5           *which the budget is submitted and at least the*  
6           *four succeeding fiscal years to complete the re-*  
7           *quired evaluation for each such major weapon*  
8           *system.*

9           (D) *RISK ANALYSIS.*—*A description of oper-*  
10          *ational or security risks associated with cyber*  
11          *vulnerabilities identified as a result of such cyber*  
12          *vulnerability evaluations that require mitiga-*  
13          *tion.*

14          (2) *MITIGATION ACTIVITIES.*—

15           (A) *STATUS.*—*Whether activities to address*  
16           *identified cyber vulnerabilities of such major*  
17           *weapon systems resulting in operational or secu-*  
18           *rity risks requiring mitigation are pending, in*  
19           *progress, or complete.*

20           (B) *FUNDING.*—*The funding required for*  
21           *the fiscal year with respect to which the budget*  
22           *is submitted and for at least the four succeeding*  
23           *fiscal years required to complete the pending or*  
24           *in progress mitigation activities referred to in*



1           subparagraph (A) related to such major weapon  
2           systems.

3           (C) *DESCRIPTION.*—A description of the ac-  
4           tivities planned in the fiscal year with respect to  
5           which the budget is submitted and at least the  
6           four succeeding fiscal years to complete any nec-  
7           essary mitigation.

8           (b) *FORM.*—The display required under subsection (a)  
9           shall be submitted in an unclassified form, but may include  
10          a classified annex if necessary.

11   **SEC. 1633. TRANSFER OF RESPONSIBILITY FOR THE DE-**  
12                            **PARTMENT OF DEFENSE INFORMATION NET-**  
13                            **WORK TO UNITED STATES CYBER COMMAND.**

14          (a) *IN GENERAL.*—Not later than September 30, 2019,  
15          the Secretary of Defense shall transfer all roles, missions,  
16          and responsibilities of the Commander, Joint Force Head-  
17          quarters—Department of Defense Information Networks  
18          (JFHQ—DODIN) from the Defense Information Support  
19          Agency to the Commander, United States Cyber Command.

20          (b) *CERTIFICATION REQUIRED.*—Prior to the transfer  
21          required under subsection (a), the Secretary of Defense shall  
22          certify in writing to the congressional defense committees  
23          that such transfer shall not result in mission degradation.

1 **SEC. 1634. PILOT PROGRAM AUTHORITY TO ENHANCE CY-**  
2 **BERSECURITY AND RESILIENCY OF CRITICAL**  
3 **INFRASTRUCTURE.**

4 (a) *AUTHORITY.*—*The Secretary of Defense, in coordi-*  
5 *nation with the Secretary of Homeland Security, is author-*  
6 *ized to provide, detail, or assign technical personnel to the*  
7 *Department of Homeland Security on a non-reimbursable*  
8 *basis to enhance cybersecurity cooperation, collaboration,*  
9 *and unity of Government efforts.*

10 (b) *SCOPE OF ASSISTANCE.*—*The authority under sub-*  
11 *section (a) shall be limited in any fiscal year to the provi-*  
12 *sion of not more than 50 technical cybersecurity personnel*  
13 *from the Department of Defense to the Department of*  
14 *Homeland Security, including the national cybersecurity*  
15 *and communications integration center (NCCIC) of the De-*  
16 *partment, or other locations as agreed upon by the Sec-*  
17 *retary of Defense and the Secretary of Homeland Security.*

18 (c) *LIMITATION.*—*The authority under subsection (a)*  
19 *may not negatively impact the primary missions of the De-*  
20 *partment of Defense or the Department of Homeland Secu-*  
21 *rity.*

22 (d) *ESTABLISHMENT OF PROCEDURES.*—

23 (1) *IN GENERAL.*—*The Secretary of Defense and*  
24 *the Secretary of Homeland Security shall establish*  
25 *procedures to carry out subsection (a), including pro-*  
26 *cedures relating to the protection of and safeguards*

1       *for maintenance of information held by the NCCIC*  
2       *regarding United States persons.*

3           (2) *LIMITATION.*—*Nothing in this subsection*  
4       *may be construed as providing authority to the Sec-*  
5       *retary of Defense to establish procedures regarding the*  
6       *NCCIC with respect to any matter outside the scope*  
7       *of this section.*

8           (e) *NO EFFECT ON OTHER AUTHORITY TO PROVIDE*  
9       *SUPPORT.*—*Nothing in this section may be construed to*  
10      *limit the authority of an Executive department, military*  
11      *department, or independent establishment to provide any*  
12      *appropriate support, including cybersecurity support, or to*  
13      *provide, detail, or assign personnel, under any other law,*  
14      *rule, or regulation.*

15          (f) *DEFINITIONS.*—*In this section, each of the terms*  
16      *“Executive department”, “military department”, and*  
17      *“independent establishment”, has the meaning given each*  
18      *of such terms, respectively, in chapter 1 of title 5, United*  
19      *States Code.*

20          (g) *TERMINATION OF AUTHORITY.*—*This section shall*  
21      *terminate on September 30, 2022.*

1 **SEC. 1635. PILOT PROGRAM ON REGIONAL CYBER SECURITY**  
2 **TRAINING CENTER FOR THE ARMY NATIONAL**  
3 **GUARD.**

4 (a) *PILOT PROGRAM.*—*The Secretary of the Army may*  
5 *carry out a pilot program under which the Secretary estab-*  
6 *lishes a National Guard training center to provide collabo-*  
7 *rative interagency education and training for members of*  
8 *the Army National Guard.*

9 (b) *DURATION.*—*If the Secretary carries out the pilot*  
10 *program under subsection (a), the Secretary shall carry out*  
11 *the pilot program for a two-year period.*

12 (c) *CENTER.*—

13 (1) *TRAINING AND COOPERATION.*—*In carrying*  
14 *out the pilot program under subsection (a), the Sec-*  
15 *retary shall ensure that the training center established*  
16 *under such subsection—*

17 (A) *educates and trains members of the*  
18 *Army National Guard quickly and efficiently by*  
19 *concurrently training cyber protection teams and*  
20 *cyber network defense teams on a common stand-*  
21 *ard in order to defend—*

22 (i) *the information network of the De-*  
23 *partment of Defense in a State environ-*  
24 *ment;*

1                   (ii) while acting under title 10, United  
2                   States Code, the information networks of  
3                   State governments; and

4                   (iii) critical infrastructure;

5                   (B) fosters interagency cooperation by—

6                   (i) co-locating members of the Army  
7                   National Guard with personnel of depart-  
8                   ments and agencies of the Federal Govern-  
9                   ment and State governments; and

10                  (ii) providing an environment to de-  
11                  velop interagency relationship to coordinate  
12                  responses and recovery efforts during and  
13                  following a cyber attack;

14                  (C) collaborates with academic institutions  
15                  to develop and implement curriculum for inter-  
16                  agency education and training within the class-  
17                  room; and

18                  (D) coordinates with the Persistent Cyber  
19                  Training Environment of the Army Cyber Com-  
20                  mand in devising and implementing interagency  
21                  education and training using physical and in-  
22                  formation technology infrastructure.

23                  (2) LOCATIONS.—If the Secretary carries out the  
24                  pilot program under subsection (a), the Secretary  
25                  shall select one National Guard facility at which to

1       *carry out the pilot program. The Secretary shall select*  
2       *a facility that is located in an area that meets the fol-*  
3       *lowing criteria:*

4               *(A) The location has a need for cyber train-*  
5               *ing, as measured by both the number of members*  
6               *of the Army National Guard that would apply*  
7               *for such training and the number of units of the*  
8               *Army National Guard that verify the unit would*  
9               *apply for such training.*

10              *(B) The location has high capacity informa-*  
11              *tion and telecommunications infrastructure, in-*  
12              *cluding high speed fiber optic networks.*

13              *(C) The location has personnel, technology,*  
14              *laboratories, and facilities to support proposed*  
15              *activities and has the opportunity for ongoing*  
16              *training, education, and research.*

17       *(d) ACTIVITIES.—If the Secretary carries out the pilot*  
18       *program under subsection (a), the Secretary shall ensure*  
19       *that the pilot program includes the following activities:*

20              *(1) Providing joint education and training and*  
21              *accelerating training certifications for working in a*  
22              *cyber range.*

23              *(2) Integrating education and training between*  
24              *the National Guard, law enforcement, and emergency*  
25              *medical and fire first responders.*

1           (3) *Providing a program to continuously train*  
2           *the cyber network defense teams to not only defend the*  
3           *information network of the Department of Defense,*  
4           *but to also provide education and training on how to*  
5           *use defense capabilities of the team in a State envi-*  
6           *ronment.*

7           (4) *Developing curriculum and educating the*  
8           *National Guard on the different missions carried out*  
9           *under titles 10 and 32, United States Code, in order*  
10          *to enhance interagency coordination and create a*  
11          *common operating picture.*

12 **SEC. 1636. PROCEDURES AND REPORTING REQUIREMENT**  
13                           **ON CYBERSECURITY BREACHES AND LOSS OF**  
14                           **PERSONALLY IDENTIFIABLE INFORMATION.**

15          (a) *IN GENERAL.*—*In the event of a significant loss*  
16          *of personally identifiable information of civilian or uni-*  
17          *formed members of the Armed Forces, the Secretary of De-*  
18          *fense shall promptly submit to the congressional defense*  
19          *committees notice in writing of such loss. Such notice may*  
20          *be submitted in classified or unclassified formats.*

21          (b) *PROCEDURES.*—*Not later than 180 days after the*  
22          *date of the enactment of this Act, the Secretary of Defense*  
23          *shall establish and submit to the congressional defense com-*  
24          *mittees procedures for complying with the requirements of*  
25          *subsection (a). Such procedures shall be consistent with the*

1 *national security of the United States, the protection of*  
2 *operational integrity, and the protection of personally iden-*  
3 *tifiable information of civilian and uniformed members of*  
4 *the Armed Forces.*

5       *(c) SIGNIFICANT LOSS OF PERSONALLY IDENTIFIABLE*  
6 *INFORMATION DEFINED.—In this section, the term “signifi-*  
7 *cant loss of personally identifiable information” means an*  
8 *intentional, accidental, or otherwise known disclosure of in-*  
9 *formation that can be used to distinguish or trace an indi-*  
10 *vidual’s identity, such as the name, Social Security num-*  
11 *ber, date and place of birth, biometric records, home or other*  
12 *phone numbers, or other demographic, personnel, medical,*  
13 *or financial information, involving 250 or more civilian*  
14 *or uniformed members of the Armed Forces.*

15 **SEC. 1637. CYBER INSTITUTES AT THE SENIOR MILITARY**  
16 **COLLEGES.**

17       *(a) PROGRAM AUTHORIZED.—The Secretary of De-*  
18 *fense may carry out a program to establish a cyber institute*  
19 *at each of the senior military colleges (referred to in this*  
20 *section as an “SMC Cyber Institute”) for purposes of accel-*  
21 *erating and focusing the development of foundational exper-*  
22 *tise in critical cyber operational skills for future military*  
23 *and civilian leaders of the Armed Forces and Department*  
24 *of Defense, including such leaders of the reserve components.*



1       (b) *ELEMENTS.*—Each SMC Cyber Institute estab-  
2 lished under subsection (a) shall include the following:

3           (1) *Programs to provide future military and ci-*  
4 *vilian leaders of the Armed Forces or the Department*  
5 *of Defense who possess cyber operational expertise*  
6 *from beginning through advanced skill levels with in-*  
7 *struction and practical experiences that lead to recog-*  
8 *nized certifications and degrees in cyber-related fields.*

9           (2) *Programs of targeted strategic foreign lan-*  
10 *guage proficiency training for such future leaders*  
11 *that—*

12                   (A) *are designed to significantly enhance*  
13 *critical cyber operational capabilities; and*

14                   (B) *are tailored to current and anticipated*  
15 *readiness requirements.*

16           (3) *Programs related to mathematical founda-*  
17 *tions of cryptography and courses in cryptographic*  
18 *theory and practice designed to complement and rein-*  
19 *force cyber education along with the strategic foreign*  
20 *language programs critical to cyber operations.*

21           (4) *Programs related to data science and courses*  
22 *in data science theory and practice designed to com-*  
23 *plement and reinforce cyber education along with the*  
24 *strategic foreign language programs critical to cyber*  
25 *operations.*

1           (5) *Programs designed to develop early interest*  
2           *and cyber talent through summer programs for ele-*  
3           *mentary and secondary school students and dual en-*  
4           *rollment opportunities for cyber, strategic foreign lan-*  
5           *guage, data science, and cryptography related courses.*

6           (6) *Training and education programs to expand*  
7           *the pool of qualified instructors necessary to support*  
8           *cyber education in regional school systems.*

9           (c) *PARTNERSHIPS WITH DEPARTMENT OF DEFENSE*  
10 *AND THE ARMED FORCES.—A SMC Cyber Institute estab-*  
11 *lished under subsection (a) may enter into a partnership*  
12 *with one or more components of the Armed Forces (active*  
13 *or reserve) or any agency of the Department of Defense to*  
14 *facilitate the development of critical cyber skills for students*  
15 *who may pursue a career with the Department of Defense.*

16          (d) *PARTNERSHIPS WITH OTHER SCHOOLS.—A SMC*  
17 *Cyber Institute established under subsection (a) may enter*  
18 *into a partnership with one or more local educational agen-*  
19 *cies to carry out the requirements of this section.*

20          (e) *SENIOR MILITARY COLLEGES DEFINED.—In this*  
21 *section, the term “senior military colleges” means the senior*  
22 *military colleges described in section 2111a(f) of title 10,*  
23 *United States Code.*

1 **SEC. 1638. STUDY AND REPORT ON RESERVE COMPONENT**  
2 **CYBER CIVIL SUPPORT TEAMS.**

3 (a) *STUDY REQUIRED.*—*The Secretaries concerned*  
4 *shall conduct a study on the feasibility, advisability, and*  
5 *necessity of the establishment of reserve component cyber*  
6 *civil support teams for each State.*

7 (b) *ELEMENTS.*—*The study under subsection (a) shall*  
8 *include the following:*

9 (1) *An examination of the potential ability of*  
10 *the teams referred to in such subsection to respond to*  
11 *an attack, natural disaster, or other large-scale inci-*  
12 *dent affecting computer networks, electronics, or cyber*  
13 *capabilities.*

14 (2) *An analysis of State and local civilian and*  
15 *private sector cyber response capabilities and services,*  
16 *including an identification of any gaps in such capa-*  
17 *bilities and services.*

18 (3) *An identification of the potential role of such*  
19 *teams with respect to the principles and processes set*  
20 *forth in—*

21 (A) *Presidential Policy Directive 20*  
22 *(United States Cyber Operations Policy);*

23 (B) *Presidential Policy Directive 21 (Crit-*  
24 *ical Infrastructure Security and Resilience); and*

25 (C) *Presidential Policy Directive 41*  
26 *(United States Cyber Incident Coordination).*

1           (4) *An explanation of how such teams may*  
2 *interact with other organizations and elements of the*  
3 *Federal Government that have responsibilities under*  
4 *the Presidential Policy Directives referred to in para-*  
5 *graph (3).*

6           (5) *The amount of funding and other resources*  
7 *that may be required by the Department of Defense*  
8 *to organize, train, and equip such teams.*

9           (6) *An explanation of how the establishment of*  
10 *such teams may affect the ability of the Department*  
11 *of Defense—*

12                 (A) *to organize, train, equip, and employ*  
13 *the Cyber Mission Force, and other organic cyber*  
14 *forces; and*

15                 (B) *to perform national defense missions*  
16 *and defense support to civil authorities for cyber*  
17 *incident response.*

18           (7) *An explanation of how the establishment of*  
19 *such teams may affect the ability of the Department*  
20 *of Homeland Security—*

21                 (A) *to organize, train, equip, and employ*  
22 *cyber incident response teams; and*

23                 (B) *to perform civilian cyber response mis-*  
24 *sions.*

1           (8) *Any effects on the privacy and civil liberties*  
2 *of United States persons that may result from the es-*  
3 *tablishment of such teams.*

4           (9) *Any other considerations determined to be*  
5 *relevant by the Secretaries concerned.*

6           (c) *REPORT REQUIRED.—Not later than 180 days*  
7 *after the date of the enactment of this Act, the Secretaries*  
8 *concerned shall submit to the appropriate congressional*  
9 *committees a report that includes—*

10           (1) *the results of the study conducted under sub-*  
11 *section (a), including an explanation of each element*  
12 *described in subsection (b);*

13           (2) *the final determination of the Secretaries*  
14 *with respect to the feasibility, advisability, and neces-*  
15 *sity of establishing reserve component cyber civil sup-*  
16 *port teams for each State; and*

17           (3) *if such final determination is in the affirma-*  
18 *tive, proposed legislation for the establishment of the*  
19 *teams, which may include proposed legislation to*  
20 *amend section 12310 of title 10, United States Code.*

21           (d) *DEFINITIONS.—In this section:*

22           (1) *The term “appropriate congressional com-*  
23 *mittees” means—*

24           (A) *the congressional defense committees;*

1                   (B) the Committee on Homeland Security of  
2                   the House of Representatives; and

3                   (C) the Committee on Homeland Security  
4                   and Governmental Affairs of the Senate.

5                   (2) The term “reserve component cyber civil sup-  
6                   port team” means a team that—

7                   (A) is comprised of members of the reserve  
8                   components;

9                   (B) is organized, trained, equipped, and  
10                  sustained by the Department of Defense for the  
11                  purpose of assisting State authorities in pre-  
12                  paring for and responding to cyber incidents,  
13                  cyber emergencies, and cyber attacks; and

14                  (C) operates principally under the com-  
15                  mand and control of the Chief Executive of the  
16                  State in which the team is located.

17                  (3) The term “Secretaries concerned” means the  
18                  Secretary of Defense and the Secretary of Homeland  
19                  Security acting jointly.

20                  (4) The term “State” means each of the several  
21                  States, the District of Columbia, the Commonwealth  
22                  of Puerto Rico, and the United States Virgin Islands.

## ***Subtitle D—Nuclear Forces***

### ***SEC. 1641. UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING AND THE NUCLEAR WEAP- ONS COUNCIL.***

*Section 179(a) of title 10, United States Code, is amended—*

*(1) in paragraph (1), by striking “, Technology, and Logistics” and inserting “and Sustainment”;*

*(2) by redesignating paragraphs (4) and (5) as paragraphs (5) and (6), respectively; and*

*(3) by inserting after paragraph (3) the following new paragraph (4):*

*“(4) The Under Secretary of Defense for Research and Engineering.”.*

### ***SEC. 1642. LONG-RANGE STANDOFF WEAPON REQUIREMENTS.***

*Subparagraphs (A) and (B) of section 217(a)(1) of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 706) are amended to read as follows:*

*“(A) achieves initial operating capability for nuclear missions prior to the retirement of the nuclear-armed AGM–86;*

*“(B) achieves initial operating capability for conventional missions by not later than four*

1           years after the date of the achievement under  
2           subparagraph (A); and”.

3 **SEC. 1643. ACCELERATION OF GROUND-BASED STRATEGIC**  
4                   **DETERRENT PROGRAM AND LONG-RANGE**  
5                   **STANDOFF WEAPON PROGRAM.**

6           (a) *PLAN FOR ACCELERATION OF PROGRAMS.*—Con-  
7           sistent with validated military requirements and in accord-  
8           ance with applicable provisions of Federal law regarding  
9           acquisition, the Under Secretary of Defense for Acquisition  
10          and Sustainment, in consultation with the Secretary of the  
11          Air Force, shall develop and implement—

12                   (1) a plan to accelerate the development, pro-  
13                  curement, and fielding of the ground-based strategic  
14                  deterrent program; and

15                   (2) a plan to accelerate the development, pro-  
16                  curement, and fielding of the long-range standoff  
17                  weapon.

18           (b) *CRITERIA.*—The plans developed under subsection  
19 (a) shall meet the following criteria:

20                   (1) With respect to the plan developed under  
21                  paragraph (1) of such subsection, the plan shall en-  
22                  sure that the ground-based strategic deterrent pro-  
23                  gram includes the recapitalization of the full inter-  
24                  continental ballistic missile weapon system for 400  
25                  deployed missiles and associated spares and 450



1        *launch facilities, without phasing or splitting the pro-*  
2        *gram, including with respect to the missile flight sys-*  
3        *tem, ground-based infrastructure and equipment, ap-*  
4        *propriate command and control elements.*

5            *(2) The plans shall include a comprehensive as-*  
6        *essment of the benefits, risks, feasibility, costs, and*  
7        *cost savings of various options for accelerating the re-*  
8        *spective program covered by the plan, including by*  
9        *considering—*

10            *(A) accelerating—*

11                    *(i) the technology maturation and risk*  
12                    *reduction phase, including through the iden-*  
13                    *tification of low and high technology readi-*  
14                    *ness levels, requirements, and timelines for*  
15                    *maturing such technology;*

16                    *(ii) the award of an engineering and*  
17                    *manufacturing development contract; and*

18                    *(iii) making the milestone B decision;*

19            *(B) transitioning full acquisition authority,*  
20        *responsibility, and accountability of the respec-*  
21        *tive program to the Secretary of the Air Force,*  
22        *including milestone decision authority;*

23            *(C) providing a general officer-level pro-*  
24        *gram executive officer a dedicated, single-pro-*  
25        *gram, long-term assignment with a tailored ac-*

1            *quisition approach, program strategy, and over-*  
2            *sight model for the respective program that em-*  
3            *powers the general officer to accelerate the pro-*  
4            *gram, make decisions, and be held accountable;*

5            *(D) streamlining, as appropriate, test and*  
6            *evaluation activities for the respective program,*  
7            *particularly for proven technologies, while ensur-*  
8            *ing high confidence in the final deployed system;*

9            *(E) leveraging agile software development*  
10           *or other innovative approaches to reduce time-*  
11           *frames for software development;*

12           *(F) identifying and proposing statutory*  
13           *changes that the Under Secretary or the Sec-*  
14           *retary of the Air Force determine could accel-*  
15           *erate the respective program;*

16           *(G) identifying accelerated goals for initial*  
17           *operational capability and full operational capa-*  
18           *bility for the respective program; and*

19           *(H) such other options as the Under Sec-*  
20           *retary or the Secretary of the Air Force consider*  
21           *appropriate.*

22           *(c) SUBMISSION.—Not later than 120 days after the*  
23           *date of the enactment of this Act, the Under Secretary, in*  
24           *consultation with the Secretary of the Air Force, shall sub-*  
25           *mit to the congressional defense committees the plans devel-*

1 *oped under subsection (a), including an assessment of the*  
2 *options considered and the options selected to be imple-*  
3 *mented under the plans.*

4 *(d) BRIEFING.—Not later than 160 days after the date*  
5 *of the enactment of this Act, the Commander of the United*  
6 *States Strategic Command shall provide to the congres-*  
7 *sional defense committees a briefing on the views of the*  
8 *Commander with respect to the plans developed under sub-*  
9 *section (a).*

10 *(e) DEFINITIONS.—In this section:*

11 *(1) The term “milestone B decision” has the*  
12 *meaning given that term in section 2400(a) of title*  
13 *10, United States Code.*

14 *(2) The term “milestone decision authority” has*  
15 *the meaning given that term in section 2366a(d) of*  
16 *title 10, United States Code.*

17 **SEC. 1644. PROCUREMENT AUTHORITY FOR CERTAIN PARTS**

18 **OF INTERCONTINENTAL BALLISTIC MISSILE**

19 **FUZES.**

20 *(a) AVAILABILITY OF FUNDS.—Notwithstanding sec-*  
21 *tion 1502(a) of title 31, United States Code, of the amount*  
22 *authorized to be appropriated for fiscal year 2019 by sec-*  
23 *tion 101 and available for Missile Procurement, Air Force,*  
24 *as specified in the funding table in division D, \$9,841,000*  
25 *shall be available for the procurement of covered parts pur-*

1 *suant to contracts entered into under section 1645(a) of the*  
2 *Carl Levin and Howard P. “Buck” McKeon National De-*  
3 *fense Authorization Act for Fiscal Year 2015 (Public Law*  
4 *113–291; 128 Stat. 3651).*

5 (b) *COVERED PARTS DEFINED.—In this section, the*  
6 *term “covered parts” means commercially available off-the-*  
7 *shelf items as defined in section 104 of title 41, United*  
8 *States Code.*

9 **SEC. 1645. PROHIBITION ON REDUCTION OF THE INTER-**  
10 **CONTINENTAL BALLISTIC MISSILES OF THE**  
11 **UNITED STATES.**

12 (a) *PROHIBITION.—Except as provided by subsection*  
13 *(b), none of the funds authorized to be appropriated by this*  
14 *Act or otherwise made available for fiscal year 2019 for the*  
15 *Department of Defense shall be obligated or expended for—*

16 (1) *reducing, or preparing to reduce, the respon-*  
17 *siveness or alert level of the intercontinental ballistic*  
18 *missiles of the United States; or*

19 (2) *reducing, or preparing to reduce, the quan-*  
20 *tity of deployed intercontinental ballistic missiles of*  
21 *the United States to a number less than 400.*

22 (b) *EXCEPTION.—The prohibition in subsection (a)*  
23 *shall not apply to any of the following activities:*

24 (1) *The maintenance or sustainment of inter-*  
25 *continental ballistic missiles.*

1           (2) *Ensuring the safety, security, or reliability of*  
2           *intercontinental ballistic missiles.*

3 **SEC. 1646. EXTENSION OF PROHIBITION ON AVAILABILITY**  
4           **OF FUNDS FOR MOBILE VARIANT OF**  
5           **GROUND-BASED STRATEGIC DETERRENT MIS-**  
6           **SILE.**

7           *Section 1664 of the National Defense Authorization*  
8           *Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*  
9           *2615), as amended by section 1663 by the National Defense*  
10           *Authorization Act for Fiscal Year 2018 (Public Law 115–*  
11           *91), is amended by striking “2019” and inserting “2020”.*

12 **SEC. 1647. INDEPENDENT STUDY ON NUCLEAR WEAPONS**  
13           **LAUNCH-UNDER-ATTACK OPTION.**

14           (a) *FINDINGS.—Congress finds the following:*

15                 (1) *Maintaining a safe, effective, and reliable*  
16                 *nuclear arsenal and command and control system are*  
17                 *high priorities for ensuring national security.*

18                 (2) *The current launch-under-attack option, par-*  
19                 *ticularly for the intercontinental ballistic missile*  
20                 *forces, could require a quick decision, on the order of*  
21                 *minutes, on whether to use these weapons to respond*  
22                 *to an incoming attack.*

23           (b) *INDEPENDENT STUDY.—Not later than 30 days*  
24           *after the date of the enactment of this Act, the Secretary*  
25           *of Defense shall seek to enter into a contract with a federally*

1 *funded research and development center to conduct a study*  
2 *on the potential benefits and risks of reducing the role of*  
3 *the launch-under-attack option with respect to planning by*  
4 *the United States relating to nuclear weapons.*

5       *(c) SELECTION.—The Secretary may not enter into the*  
6 *contract under subsection (b) with a federally funded re-*  
7 *search and development center for which the Air Force is*  
8 *the primary sponsor.*

9       *(d) REPORTS.—*

10           *(1) SUBMISSION TO DOD.—Not later than 270*  
11 *days after the date of the enactment of this Act, the*  
12 *federally funded research and development center*  
13 *shall submit to the Secretary a report containing the*  
14 *study conducted under subsection (b). Such report*  
15 *shall include the findings and recommendations of the*  
16 *center.*

17           *(2) SUBMISSION TO CONGRESS.—Not later than*  
18 *30 days after the date on which the Secretary receives*  
19 *the report under paragraph (1), the Secretary shall*  
20 *submit to the congressional defense committees such*  
21 *report, without change.*

22           *(3) FORM.—The reports under paragraphs (1)*  
23 *and (2) shall be submitted in unclassified form, but*  
24 *may include a classified annex.*

1 **SEC. 1648. EXTENSION OF ANNUAL REPORT ON THE PLAN**  
2 **FOR THE NUCLEAR WEAPONS STOCKPILE, NU-**  
3 **CLEAR WEAPONS COMPLEX, NUCLEAR WEAP-**  
4 **ONS DELIVERY SYSTEMS, AND NUCLEAR**  
5 **WEAPONS COMMAND AND CONTROL SYSTEM.**

6 *Section 1043(a)(1) of the National Defense Authoriza-*  
7 *tion Act for Fiscal Year 2012 (Public Law 112–81; 125*  
8 *Stat. 1576) is amended by striking “2019” and inserting*  
9 *“2022”.*

10 **SEC. 1649. SENSE OF CONGRESS ON NUCLEAR POSTURE OF**  
11 **THE UNITED STATES.**

12 *It is the sense of Congress that—*

13 *(1) for more than 70 years, the nuclear deterrent*  
14 *of the United States has played a central role in the*  
15 *national security of the United States and inter-*  
16 *national stability;*

17 *(2) the nuclear forces of the United States have*  
18 *and will continue to play a fundamental role in de-*  
19 *terrering aggression against the interests of the United*  
20 *States and the allies of the United States in an in-*  
21 *creasingly dangerous world;*

22 *(3) strong, credible, and flexible nuclear forces of*  
23 *the United States assure the allies of the United*  
24 *States that the extended deterrence guarantees of the*  
25 *United States are credible and that the resolve of the*  
26 *United States remains strong even in the face of nu-*

1       *clear provocations, including nuclear coercion and*  
2       *blackmail;*

3               *(4) the 2017 National Security Strategy and the*  
4       *2018 National Defense Strategy correctly assess that,*  
5       *due to increased global disorder and complexity, the*  
6       *decline of the international rules-based order and se-*  
7       *curity environment, and the erosion of the competitive*  
8       *advantages of the United States, interstate strategic*  
9       *competition must now be the primary focus of the na-*  
10       *tional security strategy of the United States;*

11              *(5) the 2018 Nuclear Posture Review aligns with*  
12       *these conclusions, and recognizes that deterrence is*  
13       *dynamic, not static, and that while the nuclear pos-*  
14       *ture and policies of the United States are under-*  
15       *pinned by enduring consistency, such posture and*  
16       *policies must also undergo measured adjustments to*  
17       *remain credible as threats evolve;*

18              *(6) the Russian Federation has elevated the role*  
19       *of nuclear weapons in its strategies, is developing and*  
20       *deploying new nuclear capabilities (including a re-*  
21       *cently announced nuclear-powered cruise missile and*  
22       *high-speed, nuclear-powered underwater drone), is*  
23       *violating many arms control agreements (including*  
24       *the INF Treaty), and has made explicit nuclear*



1 *threats against the United States and the allies of the*  
2 *United States;*

3 *(7) the United States remains committed to its*  
4 *full range of nuclear arms control and nonprolifera-*  
5 *tion obligations and seeks continued engagement for*  
6 *prudent and verifiable agreements, however, the poli-*  
7 *cies and actions of the United States must also hold*  
8 *states that violate arms control treaties accountable*  
9 *for such violations and take such violations into ac-*  
10 *count when considering further arms control agree-*  
11 *ments;*

12 *(8) the North Atlantic Treaty Organization*  
13 *(NATO) plays an essential role in the national secu-*  
14 *rity of the United States and NATO should continue*  
15 *to strengthen and align its nuclear and conventional*  
16 *deterrence posture, planning, and exercises to align*  
17 *with modern threats, including modernizing its dual-*  
18 *capable aircraft, command and control networks, nu-*  
19 *clear-related facilities, and conventional capabilities;*

20 *(9) to deter large-scale, catastrophic war with*  
21 *Russia, the People's Republic of China, and other po-*  
22 *tential adversaries, as well as reassure allies, the*  
23 *United States requires reliable, diverse, and tailorable*  
24 *nuclear forces that are able to respond to a variety of*

1 *current threats while preparing for future uncer-*  
2 *tainty;*

3 *(10) the 2018 Nuclear Posture Review reconfirms*  
4 *the value of the nuclear triad and dual-capable air-*  
5 *craft of the United States, directs the continuation of*  
6 *the comprehensive nuclear modernization program*  
7 *initiated by the previous administration, and pro-*  
8 *poses two supplemental capabilities (a lower-yield*  
9 *submarine-launched ballistic missile warhead and a*  
10 *sea-launched cruise missile) that will strengthen de-*  
11 *terrence and assurance and reduce the chances that*  
12 *nuclear weapons are used in conflict;*

13 *(11) three successive Secretaries of Defense across*  
14 *two administrations have stated that nuclear deter-*  
15 *rence is the highest priority mission of the Depart-*  
16 *ment of Defense; and*

17 *(12) in light of this prioritization, the age of the*  
18 *current nuclear forces and infrastructure of the*  
19 *United States, and the small percentage of the defense*  
20 *budget that will be expended on the recapitalization*  
21 *of the nuclear deterrent of the United States, the mod-*  
22 *ernization of the nuclear forces, command and control*  
23 *systems, and supporting infrastructure of the United*  
24 *States is affordable and a national imperative.*

1 **SEC. 1650. SENSE OF CONGRESS ON EXTENDED NUCLEAR**  
2 **DETERRENCE IN THE INDO-PACIFIC REGION.**

3 *It is the sense of Congress that—*

4 *(1) the nuclear program of the Democratic Peo-*  
5 *ple's Republic of Korea poses a critical national secu-*  
6 *rity threat not only to the United States, but to the*  
7 *security and stability of the entire Indo-Pacific re-*  
8 *gion, including South Korea, Japan, and Australia;*

9 *(2) the nuclear and conventional forces of the*  
10 *United States continue to play a fundamental role in*  
11 *deterring aggression against its interests and the in-*  
12 *terests of its allies in the Indo-Pacific region and be-*  
13 *yond;*

14 *(3) the United States stands unwaveringly be-*  
15 *hind its treaty obligations and assurances, including*  
16 *those related to defense and extended nuclear deter-*  
17 *rence, to South Korea, Japan, and Australia;*

18 *(4) the complete, verifiable, and irreversible*  
19 *denuclearization of the Democratic People's Republic*  
20 *of Korea remains a central foreign policy objective of*  
21 *the United States;*

22 *(5) the status of any denuclearization or end-of-*  
23 *conflict agreement with the Democratic People's Re-*  
24 *public of Korea should not supersede such treaty obli-*  
25 *gations and assurances described in paragraph (3);*  
26 *and*

1           (6) *the presence of United States Forces on the*  
2           *Korean Peninsula should remain strong and endur-*  
3           *ing.*

4                   ***Subtitle E—Missile Defense***  
5                   ***Programs***

6   ***SEC. 1661. DEVELOPMENT OF PERSISTENT SPACE-BASED***  
7                   ***SENSOR ARCHITECTURE.***

8           (a) *FINDINGS.—Congress finds the following:*

9                   (1) *Absent a missile defense review, the budget of*  
10           *the President submitted to Congress under section*  
11           *1105(a) of title 31, United States Code, for fiscal year*  
12           *2019 did not propose funding for efforts within the*  
13           *Missile Defense Agency to further develop the Missile*  
14           *Defense Tracking System (a future space sensor ar-*  
15           *chitecture) and instead funds were provided to the Air*  
16           *Force to determine the plan of the Department of De-*  
17           *fense for future missile warning and tracking capa-*  
18           *bilities.*

19                   (2) *Delaying development and deployment of a*  
20           *space-based missile tracking capability further places*  
21           *the United States at a disadvantage against*  
22           *hypersonic threats.*

23           (b) *DEVELOPMENT REQUIRED.—Subsection (a) of sec-*  
24           *tion 1683 of the National Defense Authorization Act for Fis-*  
25           *cal Year 2018 (Public Law 115–91; 131. Stat. 1777) is*

1 amended by striking “If consistent with the direction or rec-  
2 ommendations of the Ballistic Missile Defense Review that  
3 commenced in 2017, the Director of the Missile Defense  
4 Agency” and inserting “Beginning fiscal year 2019, the Di-  
5 rector of the Missile Defense Agency, in coordination with  
6 the Director of National Intelligence, the Commander of the  
7 Air Force Space Command, and the Commander of the  
8 United States Strategic Command,”.

9 (c) PLAN.—

10 (1) LIMITATION.—Of the funds authorized to be  
11 appropriated by this Act or otherwise made available  
12 for fiscal year 2019 for the Department of Defense for  
13 the development of the space-based sensor architecture  
14 under subsection (a) of section 1683 of the National  
15 Defense Authorization Act for Fiscal Year 2018 (Pub-  
16 lic Law 115–91; 131 Stat. 1777), not more than 25  
17 percent may be obligated or expended until the date  
18 on which the Director of the Missile Defense Agency  
19 submits the plan under subsection (e) of such section.

20 (2) CLARIFICATION OF ROLES.—Section 1683(e)  
21 of the National Defense Authorization Act for Fiscal  
22 Year 2018 (Public Law 115–91; 131 Stat. 1777) is  
23 amended by striking “the Director shall submit” and  
24 inserting “the Director of the Missile Defense Agency,  
25 in coordination with the Director of National Intel-

1        *ligence, the Commander of the Air Force Space Com-*  
2        *mand, and the Commander of the United States Stra-*  
3        *tegic Command shall submit”.*

4        *(d) REPORT ON USE OF OTHER AUTHORITIES.—Such*  
5        *section 1683 is further amended—*

6            *(1) by redesignating subsection (f) as subsection*  
7        *(g); and*

8            *(2) by inserting after subsection (e) the following*  
9        *new subsection (f):*

10        *“(f) REPORT ON USE OF OTHER AUTHORITIES.—Not*  
11        *later than January 31, 2019, the Director of the Missile*  
12        *Defense Agency shall submit to the appropriate congres-*  
13        *sional committees a report on the options available to the*  
14        *Director to use other transactional authorities pursuant to*  
15        *section 2371 of title 10, United States Code, to accelerate*  
16        *the development and deployment of the sensor architecture*  
17        *required by subsection (a).”.*

18        **SEC. 1662. BOOST PHASE BALLISTIC MISSILE DEFENSE.**

19        *(a) DEVELOPMENT AND STUDY.—Section 1685 of the*  
20        *National Defense Authorization Act for Fiscal Year 2018*  
21        *(Public Law 115–91; 10 U.S.C. 2431 note) is amended by*  
22        *adding at the end the following new subsections:*

23        *“(d) DEVELOPMENT.—*

24            *“(1) REQUIREMENT.—Beginning fiscal year*  
25        *2019, the Director of the Missile Defense Agency shall*

1       *carry out a program to develop boost phase intercept*  
2       *capabilities that—*

3               “(A) *are cost effective;*

4               “(B) *are air-launched, ship-based, or both;*

5               *and*

6               “(C) *include kinetic interceptors.*

7               “(2) *PARTNERSHIPS.—In developing kinetic*  
8       *boost phase intercept capabilities under paragraph*  
9       *(1), the Director may enter into partnerships with the*  
10       *Ministry of National Defense of the Republic of Korea*  
11       *or the Ministry of Defense of Japan, or both.*

12              “(e) *INDEPENDENT STUDY.—*

13              “(1) *REQUIREMENT.—The Secretary of Defense*  
14       *shall seek to enter into an agreement with a federally*  
15       *funded research and development center to conduct a*  
16       *feasibility study on providing an initial or dem-*  
17       *onstrated boost phase capability using unmanned aer-*  
18       *ial vehicles and kinetic interceptors by December 31,*  
19       *2021. Such study shall include, at a minimum, a re-*  
20       *view of the study published by the Science, Tech-*  
21       *nology, and National Security Working Group of the*  
22       *Massachusetts Institute of Technology in 2017 titled*  
23       *‘Airborne Patrol to Destroy DPRK ICBMs in Pow-*  
24       *ered Flight’.*

1           “(2) *SUBMISSION.*—Not later than July 31,  
2           2019, the Secretary shall submit to the congressional  
3           defense committees the study conducted under para-  
4           graph (1).”.

5           **(b) *DIRECTED ENERGY DEVELOPMENT.***—Subsection  
6 (b) of such section is amended—

7           (1) by striking “The Secretary of Defense” and  
8           inserting the following:

9           “(1) *IN GENERAL.*—The Secretary of Defense”;  
10          and

11          (2) by adding at the end the following new para-  
12          graph:

13          “(2) *ROLE OF DIRECTOR.*—

14                 “(A) *TRANSFER OF RESPONSIBILITY.*—Be-  
15                 ginning fiscal year 2019, the Secretary shall  
16                 transfer from the Under Secretary of Defense for  
17                 Research and Engineering to the Director of the  
18                 Missile Defense Agency the responsibility to con-  
19                 tinue developing the interim directed energy  
20                 boost phase ballistic missile defense capability  
21                 specified in paragraph (1).

22                 “(B) *OTHER PROGRAMS.*—In continuing  
23                 the development under subparagraph (A), the Di-  
24                 rector shall—





1           (1) *TRANSFER.*—Not later than September 30,  
2           2020, the Secretary of Defense shall transfer the au-  
3           thority and the total obligational authority for each  
4           research and development program described in para-  
5           graph (2) from the Under Secretary of Defense for Re-  
6           search and Engineering to the Director of the Missile  
7           Defense Agency.

8           (2) *RESEARCH AND DEVELOPMENT PROGRAM DE-*  
9           *SCRIBED.*—A research and development program de-  
10          scribed in this paragraph is a program that the  
11          Under Secretary identifies as meeting each of the fol-  
12          lowing criteria:

13                 (A) *The program consists of efforts to de-*  
14                 *velop prototypes or science and technology, or*  
15                 *has not yet received Milestone B approval (as de-*  
16                 *fin ed in section 2366 of title 10, United States*  
17                 *Code).*

18                 (B) *The efforts of the program either—*

19                         (i) *are planned to be incorporated into*  
20                         *ballistic missile defense systems; or*

21                         (ii) *have explicit applications for bal-*  
22                         *listic missile defense or hypersonic defense.*

23           (3) *REPORT.*—Not later than March 31, 2019,  
24           the Under Secretary shall submit to the congressional  
25           defense committees a report that—

1           (A) lists each research and development pro-  
2           gram identified under paragraph (2); and

3           (B) a summary of the efforts and funding  
4           required for such programs during the period  
5           covered by the future-years defense program  
6           under section 221 of title 10, United States Code,  
7           as of the date of the report.

8           (b) *NOTIFICATION ON CHANGES TO NON-STANDARD*  
9 *ACQUISITION PROCESSES AND RESPONSIBILITIES.—*

10           (1) *LIMITATION.—None of the funds authorized*  
11 *to be appropriated by this Act or otherwise made*  
12 *available for fiscal year 2019 for the Secretary of De-*  
13 *fense may be obligated or expended to change the non-*  
14 *standard acquisition processes and responsibilities de-*  
15 *scribed in paragraph (2) until—*

16           (A) *the Secretary notifies the congressional*  
17 *defense committees of such proposed change; and*

18           (B) *a period of 180 days has elapsed fol-*  
19 *lowing the date of such notification.*

20           (2) *NON-STANDARD ACQUISITION PROCESSES AND*  
21 *RESPONSIBILITIES DESCRIBED.—The non-standard*  
22 *acquisition processes and responsibilities described in*  
23 *this paragraph are such processes and responsibilities*  
24 *described in—*

1           (A) *the memorandum of the Secretary of*  
2           *Defense titled “Missile Defense Program Direc-*  
3           *tion” signed on January 2, 2002;*

4           (B) *Department of Defense Directive*  
5           *5134.09, as in effect on the date of the enactment*  
6           *of this Act; and*

7           (C) *United States Strategic Command In-*  
8           *struction 583–3.*

9           (c) *INTEGRATED MASTER TEST PLAN INFORMA-*  
10          *TION.—*

11           (1) *PUBLIC AVAILABILITY.—Together with the re-*  
12          *lease of each integrated master test plan of the Missile*  
13          *Defense Agency, the Director of the Missile Defense*  
14          *Agency shall make publicly available a version of*  
15          *each such plan that identifies the fiscal year and the*  
16          *fiscal quarter in which events under the plan will*  
17          *occur.*

18           (2) *SUBMISSION.—Not later than 30 days after*  
19          *the budget of the President for each of fiscal years*  
20          *2020 and 2021 is submitted to Congress under section*  
21          *1105 of title 31, United States Code, the Director*  
22          *shall submit to the congressional defense committees*  
23          *the integrated master test plan of the Missile Defense*  
24          *Agency, including any classified and unclassified*  
25          *versions of such plan.*

1           (d) *MISSILE DEFENSE EXECUTIVE BOARD.*—*In addi-*  
2 *tion to the Under Secretary of Defense for Research and*  
3 *Engineering serving as chairman of the Missile Defense Ex-*  
4 *ecutive Board pursuant to section 1676(c)(3)(B) of the Na-*  
5 *tional Defense Authorization Act for Fiscal Year 2018 (Pub-*  
6 *lic Law 115–91; 131 Stat. 1773), the Under Secretary of*  
7 *Defense for Acquisition and Sustainment shall serve—*

8                   (1) *as a member of the Board; and*

9                   (2) *as co-chairman with respect to decisions re-*  
10 *garding acquisition and the approval of acquisition*  
11 *and production milestones, including with respect to*  
12 *the use of other transaction authority contracts and*  
13 *transactions in excess of \$500,000,000 (including all*  
14 *options).*

15 **SEC. 1664. LAYERED DEFENSE OF THE UNITED STATES**

16                   **HOMELAND.**

17           (a) *FINDINGS.*—*Congress finds the following:*

18                   (1) *The United States homeland (including Ha-*  
19 *waii and Alaska) is currently protected against inter-*  
20 *continental ballistic missiles by the ground-based*  
21 *midcourse defense system, with 44 ground-based inter-*  
22 *ceptors located at Fort Greely, Alaska, and Vanden-*  
23 *berg, California.*

24                   (2) *The Department of Defense plans to expand*  
25 *the number of ground-based interceptors to 64 inter-*

1        *ceptors by 2023 by adding Missile Field 4 at Fort*  
2        *Greely, Alaska.*

3        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
4        *that the United States should—*

5                *(1) continue to explore and deploy capabilities*  
6                *that increase the layered defense of the United States*  
7                *homeland;*

8                *(2) support, if determined by the Secretary of*  
9                *Defense as necessary for the national security of the*  
10               *United States, the deployment of a ground-based in-*  
11               *terceptor site, or potential other ballistic missile de-*  
12               *fense systems pending successful testing, on the East*  
13               *Coast of the United States that—*

14                        *(A) weighs cost effectiveness and*  
15                        *prioritization of capability; and*

16                        *(B) provides for increased protection of the*  
17                        *continental United States from North Korean*  
18                        *and Iranian threats;*

19                *(3) support the ability of the Army, the Navy,*  
20                *and the Missile Defense Agency to deploy fixed, semi-*  
21                *fixed, and mobile at-sea and ashore assets to locations*  
22                *to increase the layered defense of all of the United*  
23                *States homeland; and*

1           (4) support, as appropriate, further analysis and  
2           testing for regional systems to be employed for the  
3           layered defense of the United States homeland.

4           (c) *CERTIFICATION.*—Before the Secretary of Defense  
5           makes a potential determination to deploy regional assets  
6           to provide missile defense from longer range threats, the  
7           Secretary shall certify to the congressional defense commit-  
8           tees that such deployment would not unnecessarily under-  
9           mine or pose additional risk to strategic stability.

10          (d) *BRIEFING.*—Not later than January 31, 2019, the  
11          Director of the Missile Defense Agency, in coordination with  
12          the Under Secretary of Defense for Policy, the Commander  
13          of the United States Northern Command, and the Com-  
14          mander of the United States Pacific Command, shall pro-  
15          vide to the Committees on Armed Services of the House of  
16          Representatives and the Senate, and to any other congres-  
17          sional defense committee upon request, a briefing that—

18               (1) describes options and plans to increase or  
19               improve the layered protection of the United States  
20               homeland (including Hawaii and Alaska) from  
21               threats posed by North Korea and threats posed by  
22               Iran;

23               (2) addresses the capabilities and reliability of  
24               missile defense systems to defend against potential

1        *trajectories of missiles from both the North and South*  
2        *Poles; and*

3                *(3) addresses technical capability and policy*  
4        *with respect to such options.*

5        **SEC. 1665. TESTING OF REDESIGNED KILL VEHICLE PRIOR**  
6                **TO PRODUCTION.**

7                *(a) SUCCESSFUL TESTING REQUIRED.—Except as*  
8        *provided by subsection (b), the Director of the Missile De-*  
9        *fense Agency may not make a lot production decision for*  
10        *the redesigned kill vehicle unless the vehicle has undergone*  
11        *at least one successful flight intercept test that meets the*  
12        *following criteria:*

13                *(1) The test sufficiently assesses the performance*  
14        *of the vehicle in order to inform a lot production deci-*  
15        *sion.*

16                *(2) The results of the test demonstrate that the*  
17        *vehicle—*

18                        *(A) will work in an effective manner; and*

19                        *(B) has the ability to accomplish the in-*  
20        *tended mission of the vehicle.*

21                *(b) WAIVER.—The Secretary of Defense, without dele-*  
22        *gation, may waive subsection (a) if—*

23                        *(1) the Secretary determines that the waiver is*  
24        *in the interest of national security;*



1           (2) *the Secretary determines that the threat of*  
2 *missiles is advancing at a pace that requires addi-*  
3 *tional capacity of the ground-based midcourse system*  
4 *by 2023;*

5           (3) *the Secretary determines that the waiver is*  
6 *appropriate in light of the assessment conducted by*  
7 *the Director of Operational Test and Evaluation*  
8 *under subsection (c);*

9           (4) *the Secretary submits to the congressional de-*  
10 *fense committees a report containing—*

11                   (A) *a notice of the waiver, including the ra-*  
12 *tionale of the Secretary for making the waiver;*

13                   (B) *a certification by the Secretary that the*  
14 *Secretary has analyzed and accepts the risk of*  
15 *making and implementing a lot production deci-*  
16 *sion for the redesigned kill vehicle prior to the*  
17 *vehicle undergoing a successful flight intercept*  
18 *test; and*

19                   (C) *the assessment of the Director of Oper-*  
20 *ational Test and Evaluation under subsection*  
21 *(c); and*

22           (5) *a period of 30 days elapses following the date*  
23 *on which the Secretary submits the report under*  
24 *paragraph (4).*

1           (c) *ASSESSMENT ON RISKS.*—*The Director of Oper-*  
2 *ational Test and Evaluation shall submit to the Secretary*  
3 *of Defense an assessment on the risks of making a lot pro-*  
4 *duction decision for the redesigned kill vehicle prior to the*  
5 *vehicle undergoing a successful flight intercept test.*

6 **SEC. 1666. REQUIREMENTS FOR BALLISTIC MISSILE DE-**  
7 **FENSE CAPABLE SHIPS.**

8           (a) *FORCE STRUCTURE ASSESSMENT.*—*The Secretary*  
9 *of the Navy, in consultation with the Director of the Missile*  
10 *Defense Agency, shall include in the first force structure as-*  
11 *essment conducted following the date of the enactment of*  
12 *this Act the following:*

13                 (1) *An assessment of the requirements for bal-*  
14 *listic missile defense capable ships.*

15                 (2) *The force structure requirements associated*  
16 *with advanced ballistic missile defense capabilities.*

17           (b) *FORCE STRUCTURE ASSESSMENT DEFINED.*—*The*  
18 *term “force structure assessment” has the meaning given*  
19 *the term in Chief of Naval Operations Instruction 3050.27.*

20 **SEC. 1667. MULTIYEAR PROCUREMENT AUTHORITY FOR**  
21 **STANDARD MISSILE-3 BLOCK IB MISSILES.**

22           (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
23 *Subject to section 2306b of title 10, United States Code, the*  
24 *Director of the Missile Defense Agency may enter into one*  
25 *or more multiyear contracts, beginning with the 2019 pro-*

1 *gram year, for the procurement of standard missile—3 block*  
2 *IB missiles.*

3 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
4 *MENTS.—A contract entered into under subsection (a) shall*  
5 *provide that any obligation of the United States to make*  
6 *a payment under the contract for a fiscal year after fiscal*  
7 *year 2019 is subject to the availability of appropriations*  
8 *or funds for that purpose for such later fiscal year.*

9 **SEC. 1668. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
10 **ARMY LOWER TIER AIR AND MISSILE DE-**  
11 **FENSE SENSOR.**

12 (a) *LIMITATION.—If the Secretary of the Army issues*  
13 *an acquisition strategy for a 360-degree lower tier air and*  
14 *missile defense sensor pursuant to section 1679(a) of the Na-*  
15 *tional Defense Authorization Act for Fiscal Year 2018 (Pub-*  
16 *lic Law 115–91; 131 Stat. 1774) that proposes such sensor*  
17 *achieve initial operating capability later than December 31,*  
18 *2023, not more than 50 percent of the funds authorized to*  
19 *be appropriated by this Act or otherwise made available*  
20 *for fiscal year 2019 for such sensor may be obligated or*  
21 *expended until the date on which the Secretary submits to*  
22 *the congressional defense committees a report—*

23 (1) *explaining the rationale of such delayed ini-*  
24 *tial operating capability, including a description of*

1        *any technological or acquisition-related factors caus-*  
2        *ing such delay; and*

3            *(2) containing a funding profile and schedule to*  
4        *ensure that such sensor would achieve initial oper-*  
5        *ating capability by December 31, 2023.*

6        *(b) PERFORMANCE SPECIFICATION.—The Secretary*  
7        *shall ensure that the performance specification of the 360-*  
8        *degree lower tier air and missile defense sensor—*

9            *(1) specifies requirements relating to—*

10            *(A) detecting and tracking complex attacks*  
11        *from air breathing threats, tactical ballistic mis-*  
12        *siles, and emerging hypersonic weapons; and*

13            *(B) being a key component of the future in-*  
14        *tegrated air and missile defense architecture of*  
15        *the Army and supporting engagements for the*  
16        *full range and capability of Patriot Advanced*  
17        *Capability–3 missile segment enhancement inter-*  
18        *ceptors; and*

19            *(2) uses evaluation criteria that enables an un-*  
20        *derstanding of the cost and value of procuring such*  
21        *sensor in accordance with such specified requirements.*

22        **SEC. 1669. MISSILE DEFENSE RADAR IN HAWAII.**

23            *(a) SENSE OF CONGRESS.—It is the sense of Congress*  
24        *that the Secretary of Defense, acting through the Director*

1 *of the Missile Defense Agency, and in coordination with rel-*  
2 *evant Federal and local entities, should—*

3           (1) *ensure an on-time or improved delivery*  
4 *schedule of the discrimination radar for homeland de-*  
5 *fense to be made operational in Hawaii; and*

6           (2) *accelerate the deployment of the radar as*  
7 *much as possible, contingent on the environmental re-*  
8 *view process pursuant to the National Environmental*  
9 *Policy Act of 1969 (42 U.S.C. 4321 et seq.).*

10       (b) *CERTIFICATION.—Not later than 45 days after the*  
11 *date of the enactment of this Act, the Director of the Missile*  
12 *Defense Agency shall certify to the congressional defense*  
13 *committees that—*

14           (1) *the Director is on schedule to award the con-*  
15 *tract for the discrimination radar for homeland de-*  
16 *fense planned to be located in Hawaii by December*  
17 *31, 2018; and*

18           (2) *such radar and associated in-flight inter-*  
19 *ceptor communications system data terminal will be*  
20 *operational by not later than September 30, 2023.*

21       (c) *BRIEFINGS.—*

22           (1) *DELAYED SCHEDULE.—If the Director is un-*  
23 *able to certify under subsection (b) that the Director*  
24 *is on schedule to award the contract for the discrimi-*  
25 *nation radar for homeland defense planned to be lo-*

1 *cated in Hawaii by December 31, 2018, not later*  
2 *than 45 days after the date of the enactment of this*  
3 *Act, and on a biweekly basis thereafter until the date*  
4 *of the award, the Director shall provide to the Com-*  
5 *mittees on Armed Services of the House of Represent-*  
6 *atives and the Senate, and to any other congressional*  
7 *defense committee upon request, a briefing explain-*  
8 *ing—*

9 *(A) the rationale for the delay in such*  
10 *schedule; and*

11 *(B) any effects of such delay in making*  
12 *such radar and associated in-flight interceptor*  
13 *communications system data terminal oper-*  
14 *ational by not later than September 30, 2023.*

15 *(2) SEMIANNUAL.—Not later than 45 days after*  
16 *the date of the enactment of this Act, and semiannu-*  
17 *ally thereafter through 2021, the Director shall pro-*  
18 *vide to the Committees on Armed Services of the*  
19 *House of Representatives and the Senate, and to any*  
20 *other congressional defense committee upon request, a*  
21 *briefing on—*

22 *(A) the acquisition of the discrimination*  
23 *radar for homeland defense planned to be located*  
24 *in Hawaii and the associated in-flight inter-*

1           *ceptor communications system data terminal;*  
2           *and*

3                   *(B) the environmental review process for*  
4           *such radar pursuant to the National Environ-*  
5           *mental Policy Act of 1969 (42 U.S.C. 4321 et*  
6           *seq.).*

7   **SEC. 1670. REPORTS ON UNFUNDED PRIORITIES OF THE**  
8                   **MISSILE DEFENSE AGENCY.**

9           *(a) REPORTS.—Not later than 10 days after the date*  
10   *on which the budget of the President for each of fiscal years*  
11   *2020 and 2021 is submitted to Congress pursuant to section*  
12   *1105 of title 31, United States Code, the Director of the*  
13   *Missile Defense Agency shall submit to the Secretary of De-*  
14   *fense and the Chairman of the Joint Chiefs of Staff, and*  
15   *to the congressional defense committees, a report on the un-*  
16   *funded priorities of the Missile Defense Agency.*

17           *(b) ELEMENTS.—*

18                   *(1) MATTERS INCLUDED.—Each report under*  
19   *subsection (a) shall specify, for each unfunded pri-*  
20   *ority covered by such report, the following:*

21                           *(A) A summary description of such pri-*  
22                   *ority, including the objectives to be achieved if*  
23                   *such priority is funded (whether in whole or in*  
24                   *part).*

1           (B) *The additional amount of funds rec-*  
2           *ommended in connection with the objectives*  
3           *under subparagraph (A).*

4           (C) *Account information with respect to*  
5           *such priority, including, as applicable—*

6                   (i) *the line item number for applicable*  
7                   *procurement accounts;*

8                   (ii) *the program element number for*  
9                   *applicable research, development, test, and*  
10                  *evaluation accounts; and*

11                  (iii) *the sub-activity group for applica-*  
12                  *ble operation and maintenance accounts.*

13           (2) *PRIORITIZATION OF PRIORITIES.—Each re-*  
14           *port under subsection (a) shall present the unfunded*  
15           *priorities covered by such report in order of urgency*  
16           *of priority.*

17           (c) *UNFUNDED PRIORITY DEFINED.—In this section,*  
18           *the term “unfunded priority”, in the case of a fiscal year,*  
19           *means a program, activity, or mission requirement of the*  
20           *Missile Defense Agency that—*

21                   (1) *is not funded in the budget of the President*  
22                   *for the fiscal year as submitted to Congress pursuant*  
23                   *to section 1105 of title 31, United States Code;*

24                   (2) *is necessary to fulfill a requirement associ-*  
25                   *ated with an operational or contingency plan of a*



1 *combatant command or other validated requirement;*  
2 *and*

3 *(3) would have been recommended for funding*  
4 *through the budget referred to in paragraph (1) by the*  
5 *Director of the Missile Defense Agency in connection*  
6 *with the budget if—*

7 *(A) additional resources had been available*  
8 *for the budget to fund the program, activity, or*  
9 *mission requirement; or*

10 *(B) the program, activity, or mission re-*  
11 *quirement has emerged since the budget was for-*  
12 *mulated.*

13 **SEC. 1671. REPORT ON BALLISTIC MISSILE DEFENSE.**

14 *(a) FINDINGS.—Congress finds the following:*

15 *(1) The Secretary of Defense is conducting a bal-*  
16 *listic missile defense review that will assess the capa-*  
17 *bilities and requirements for homeland, regional, and*  
18 *theater missile defense.*

19 *(2) This review will have significant implica-*  
20 *tions for national security and potentially on resource*  
21 *prioritization and requirements.*

22 *(3) The review was initially expected to have*  
23 *been completed by January but has been delayed sev-*  
24 *eral months due to revisions and has not yet been*  
25 *submitted to Congress.*

1       (b) *REPORT.*—Not later than 30 days after the date  
2 of the enactment of this Act, the Secretary of Defense shall  
3 submit to the congressional defense committees a report on  
4 ballistic missile defense that addresses the implications for  
5 planned programs of record, costs and resource  
6 prioritization, and strategic stability.

7 **SEC. 1672. SENSE OF CONGRESS ON MISSILE AND ROCKET**  
8                   **DEFENSE COOPERATION BETWEEN THE**  
9                   **UNITED STATES AND ISRAEL.**

10       (a) *FINDINGS.*—Congress finds the following:

11               (1) *The United States and Israel signed a Memo-*  
12 *randum of Understanding on September 14, 2016,*  
13 *that covers the 10-year period beginning with fiscal*  
14 *year 2019.*

15               (2) *The Memorandum of Understanding states*  
16 *that the United States will provide annual funding of*  
17 *\$500,000,000 for cooperative programs to develop,*  
18 *produce, and procure missile, rocket, and projectile*  
19 *defense capabilities to help Israel meet its security*  
20 *needs and to help develop and enhance the missile de-*  
21 *fense capabilities of the United States.*

22               (3) *The Memorandum of Understanding further*  
23 *states that Israel may seek additional missile defense*  
24 *funding from the United States in exceptional cir-*

1 *cumstances, as may be jointly agreed by the United*  
2 *States and Israel.*

3 *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
4 *that—*

5 *(1) the strong and enduring relationship between*  
6 *the United States and Israel is in the national secu-*  
7 *rity interest of both countries; and*

8 *(2) the September 2016 Memorandum of Under-*  
9 *standing between the United States and Israel, in-*  
10 *cluding the provisions of the memorandum relating to*  
11 *missile and rocket defense cooperation, is a critical*  
12 *component of the bilateral relationship.*

13 ***Subtitle F—Other Matters***

14 ***SEC. 1681. EXTENSION OF COMMISSION TO ASSESS THE***  
15 ***THREAT TO THE UNITED STATES FROM ELEC-***  
16 ***TROMAGNETIC PULSE ATTACKS AND SIMILAR***  
17 ***EVENTS.***

18 *Section 1691 of the National Defense Authorization*  
19 *Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
20 *1786) is amended—*

21 *(1) in subsection (e)—*

22 *(A) in paragraph (1)(A), by striking “April*  
23 *1, 2019” and inserting “December 1, 2019”; and*

24 *(B) in paragraph (3), by striking “October*  
25 *1, 2018” and inserting “March 1, 2019”; and*

1           (2) *in subsection (h), by striking “October 1,*  
2           *2019” and inserting “the date that is 180 days after*  
3           *the date on which the Commission submits the report*  
4           *under subsection (e)(1)”.*

5 **SEC. 1682. PROCUREMENT OF AMMONIUM PERCHLORATE**  
6                   **AND OTHER CHEMICALS FOR USE IN SOLID**  
7                   **ROCKET MOTORS.**

8           (a) *BUSINESS CASE ANALYSIS.—*

9           (1) *GOVERNMENT-OWNED, CONTRACTOR OPER-*  
10           *ATED.—The Secretary of the Army and the Deputy*  
11           *Assistant Secretary of Defense for Manufacturing and*  
12           *Industrial Base Policy shall jointly conduct a busi-*  
13           *ness case analysis of the Federal Government using a*  
14           *Government-owned, contractor-operated model to en-*  
15           *sure a robust domestic industrial base to supply spe-*  
16           *cialty chemicals, including ammonium perchlorate,*  
17           *for use in solid rocket motors. Such analysis shall in-*  
18           *clude assessments of the near- and long-term costs, op-*  
19           *erating and sustainment costs, program impacts, op-*  
20           *portunities for competition, opportunities for redun-*  
21           *dant or complementary capabilities, and national se-*  
22           *curity implications of using such a model.*

23           (2) *REPORT.—Not later than March 1, 2019, the*  
24           *Secretary and the Deputy Assistant Secretary shall*  
25           *submit to the congressional defense committees the*

1 *business case analysis conducted under paragraph*  
2 *(1).*

3 *(b) FULL AND OPEN COMPETITION.—*

4 *(1) USE.—To the extent practicable, in award-*  
5 *ing a contract for the sale of ammonium perchlorate*  
6 *from retired solid rocket motors, the Secretary of De-*  
7 *fense shall use full and open competition (as defined*  
8 *in section 107 of title 41, United States Code).*

9 *(2) NOTIFICATION.—If the Secretary awards a*  
10 *contract for the sale of ammonium perchlorate from*  
11 *retired solid rocket motors using procedures that do*  
12 *not include full and open competition, the Secretary*  
13 *shall notify the congressional defense committees of*  
14 *such award not later than 30 days after the date of*  
15 *such award.*

16 **SEC. 1683. CONVENTIONAL PROMPT GLOBAL STRIKE**  
17 **HYPERSONIC CAPABILITIES.**

18 *(a) VALIDATED REQUIREMENTS.—Not later than No-*  
19 *vember 30, 2018, the Secretary of Defense shall submit to*  
20 *the congressional defense committees a validated require-*  
21 *ment for ground-, sea-, or air-launched (or a combination*  
22 *thereof) conventional prompt global strike hypersonic capa-*  
23 *bilities.*

24 *(b) REPORT.—Not later than January 31, 2019, the*  
25 *Under Secretary of Defense for Acquisition and*

1 *Sustainment, in coordination with the Secretary of the*  
2 *Navy and the Under Secretary of Defense for Policy, shall*  
3 *submit to the congressional defense committees a report that*  
4 *contains the following:*

5           (1) *A plan to deliver a conventional prompt*  
6 *global strike weapon system that—*

7                   (A) *is in accordance with section 1693 of*  
8 *the National Defense Authorization Act for Fis-*  
9 *cal Year 2018 (Public Law 115–91; 131 Stat.*  
10 *1791); and*

11                   (B) *includes—*

12                           (i) *options with cost estimates for ac-*  
13 *celerating the initial capability for such*  
14 *system; and*

15                           (ii) *a description of policy decisions by*  
16 *the Secretary of Defense that are necessary*  
17 *to employ hypersonic offense capabilities*  
18 *from each potential launch platform of such*  
19 *system.*

20           (2) *Details with respect to the assessed level of*  
21 *ambiguity and misinterpretation risk relating to the*  
22 *conventional prompt global strike weapon system, in-*  
23 *cluding such potential risks associated with warhead*  
24 *ambiguity, platform ambiguity (including if adver-*  
25 *sary sensors are degraded), perceptions of the surviv-*

1 *ability of strategic nuclear forces, and likely adver-*  
2 *sary responses.*

3 *(3) A description of whether, when, and how the*  
4 *Under Secretary would address the risks identified*  
5 *under paragraph (2) in developing and deploying the*  
6 *conventional prompt global strike weapon system and*  
7 *in developing the concept of operations for such sys-*  
8 *tem.*

9 **SEC. 1684. REPORT REGARDING INDUSTRIAL BASE FOR**  
10 **LARGE SOLID ROCKET MOTORS.**

11 *(a) REPORT.—*

12 *(1) IN GENERAL.—Not later than April 15, 2019,*  
13 *the Under Secretary of Defense for Acquisition and*  
14 *Sustainment, in consultation with the Secretaries of*  
15 *the military departments that the Under Secretary*  
16 *determines appropriate, shall submit to the appro-*  
17 *priate congressional committees a report on whether,*  
18 *and if so, how, the Federal Government will sustain*  
19 *more than one supplier for large solid rocket motors.*

20 *(2) MATTERS INCLUDED.—The report under*  
21 *paragraph (1) shall include an assessment of the fol-*  
22 *lowing:*

23 *(A) The risks within the industrial base for*  
24 *large solid rocket motors, including the risks to*  
25 *national security.*

1           (B) *The near- and long-term costs associ-*  
2           *ated with having a single source of large solid*  
3           *rocket motors as compared to having more than*  
4           *one such source.*

5           (C) *Options for sustaining more than one*  
6           *supplier for large solid rocket motors, including*  
7           *through leveraging—*

8                   (i) *the ground-based strategic deterrent*  
9                   *program;*

10                   (ii) *the Trident II D5 fleet ballistic*  
11                   *missile program;*

12                   (iii) *the ground-based midcourse de-*  
13                   *fense program;*

14                   (iv) *national security space launch*  
15                   *programs;*

16                   (v) *programs of the National Aero-*  
17                   *navics and Space Administration; and*

18                   (vi) *any other applicable programs*  
19                   *that use or may use solid rocket motors of*  
20                   *any size, including with respect to substra-*  
21                   *tegic and tactical systems.*

22           (b) *BRIEFING.—Not later than November 30, 2018, the*  
23           *Under Secretary shall provide to the Committees on Armed*  
24           *Services of the House of Representatives and the Senate,*  
25           *and to any other appropriate congressional committee upon*



1 *request, a briefing on the industrial base for large solid*  
2 *rocket motors.*

3 (c) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
4 *FINED.*—*In this section, the term “appropriate congress-*  
5 *sional committees” means the following:*

6 (1) *The congressional defense committees.*

7 (2) *The Committee on Science, Space, and Tech-*  
8 *nology and the Permanent Select Committee on Intel-*  
9 *ligence of the House of Representatives.*

10 (3) *The Committee on Commerce, Science, and*  
11 *Transportation and the Select Committee on Intel-*  
12 *ligence of the Senate.*

13 **SEC. 1685. NATIONAL INTELLIGENCE ESTIMATE WITH RE-**  
14 **SPECT TO RUSSIAN AND CHINESE INTER-**  
15 **FERENCE IN DEMOCRATIC COUNTRIES.**

16 *Not later than 270 days after the date of the enactment*  
17 *of this Act, the Director of National Intelligence shall com-*  
18 *mission and produce a National Intelligence Estimate,*  
19 *which may be submitted in classified form with an unclas-*  
20 *sified summary, on Russian and Chinese interference in*  
21 *democratic countries around the world, including the*  
22 *United States, that contains specific descriptions of such*  
23 *interference.*

1 ***DIVISION B—MILITARY CON-***  
2 ***STRUCTION AUTHORIZA-***  
3 ***TIONS***

4 ***SEC. 2001. SHORT TITLE.***

5 *This division may be cited as the “Military Construc-*  
6 *tion Authorization Act for Fiscal Year 2019”.*

7 ***SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND***  
8 ***AMOUNTS REQUIRED TO BE SPECIFIED BY***  
9 ***LAW.***

10 *(a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE*  
11 *YEARS.—Except as provided in subsection (b), all author-*  
12 *izations contained in titles XXI through XXVII and title*  
13 *XXIX for military construction projects, land acquisition,*  
14 *family housing projects and facilities, and contributions to*  
15 *the North Atlantic Treaty Organization Security Invest-*  
16 *ment Program (and authorizations of appropriations there-*  
17 *for) shall expire on the later of—*

18 *(1) October 1, 2023; or*

19 *(2) the date of the enactment of an Act author-*  
20 *izing funds for military construction for fiscal year*  
21 *2024.*

22 *(b) EXCEPTION.—Subsection (a) shall not apply to au-*  
23 *thorizations for military construction projects, land acqui-*  
24 *sition, family housing projects and facilities, and contribu-*  
25 *tions to the North Atlantic Treaty Organization Security*

1 *Investment Program (and authorizations of appropriations*  
2 *therefor), for which appropriated funds have been obligated*  
3 *before the later of—*

4 (1) *October 1, 2023; or*

5 (2) *the date of the enactment of an Act author-*  
6 *izing funds for fiscal year 2024 for military construc-*  
7 *tion projects, land acquisition, family housing*  
8 *projects and facilities, or contributions to the North*  
9 *Atlantic Treaty Organization Security Investment*  
10 *Program.*

11 **SEC. 2003. EFFECTIVE DATE.**

12 *Titles XXI through XXVII and title XXIX shall take*  
13 *effect on the later of—*

14 (1) *October 1, 2018; or*

15 (2) *the date of the enactment of this Act.*

16 **TITLE XXI—ARMY MILITARY**  
17 **CONSTRUCTION**

18 **SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
19 **ACQUISITION PROJECTS.**

20 (a) *INSIDE THE UNITED STATES.—Using amounts ap-*  
21 *propriated pursuant to the authorization of appropriations*  
22 *in section 2103(a) and available for military construction*  
23 *projects inside the United States as specified in the funding*  
24 *table in section 4601, the Secretary of the Army may ac-*  
25 *quire real property and carry out military construction*

1 projects for the installations or locations inside the United  
 2 States, and in the amounts, set forth in the following table:

**Army: Inside the United States**

| <b>State</b>         | <b>Installation</b>               | <b>Amount</b> |
|----------------------|-----------------------------------|---------------|
| Alabama .....        | Anniston Army Depot .....         | \$5,200,000   |
| California .....     | Fort Irwin .....                  | \$29,000,000  |
| Colorado .....       | Fort Carson .....                 | \$77,000,000  |
| Georgia .....        | Fort Gordon .....                 | \$99,000,000  |
| Indiana .....        | Crane Army Ammunition Plant ..... | \$16,000,000  |
| Kentucky .....       | Fort Campbell .....               | \$50,000,000  |
|                      | Fort Knox .....                   | \$26,000,000  |
| Maryland .....       | Fort Meade .....                  | \$16,500,000  |
| New Jersey .....     | Picatinny Arsenal .....           | \$41,000,000  |
| New Mexico .....     | White Sands Missile Range .....   | \$40,000,000  |
| New York .....       | U.S. Military Academy .....       | \$160,000,000 |
| North Carolina ..... | Fort Bragg .....                  | \$10,000,000  |
| South Carolina ..... | Fort Jackson .....                | \$52,000,000  |
| Texas .....          | Fort Bliss .....                  | \$24,000,000  |
|                      | Fort Hood .....                   | \$9,600,000   |

3 (b) *OUTSIDE THE UNITED STATES.*—Using amounts  
 4 appropriated pursuant to the authorization of appropria-  
 5 tions in section 2103(a) and available for military con-  
 6 struction projects outside the United States as specified in  
 7 the funding table in section 4601, the Secretary of the Army  
 8 may acquire real property and carry out the military con-  
 9 struction project for the installations or locations outside  
 10 the United States, and in the amount, set forth in the fol-  
 11 lowing table:

**Army: Outside the United States**

| <b>Country</b> | <b>Installation</b>         | <b>Amount</b> |
|----------------|-----------------------------|---------------|
| Germany .....  | East Camp Grafenwoehr ..... | \$31,000,000  |
| Honduras ..... | Soto Cano Air Base .....    | \$21,000,000  |
| Korea .....    | Camp Tango .....            | \$17,500,000  |
| Kuwait .....   | Camp Arifjan .....          | \$44,000,000  |

12 **SEC. 2102. FAMILY HOUSING.**

13 (a) *CONSTRUCTION AND ACQUISITION.*—Using  
 14 amounts appropriated pursuant to the authorization of ap-

1 *propriations in section 2103(a) and available for military*  
 2 *family housing functions as specified in the funding table*  
 3 *in section 4601, the Secretary of the Army may construct*  
 4 *or acquire family housing units (including land acquisition*  
 5 *and supporting facilities) at the installations or locations,*  
 6 *in the number of units, and in the amounts set forth in*  
 7 *the following table:*

**Army: Family Housing**

| <b>State/Country</b>     | <b>Installation</b>        | <b>Units</b>   | <b>Amount</b> |
|--------------------------|----------------------------|--|---------------|
| <i>Italy</i> .....       | <i>Vicenza</i> .....       | <i>Family Housing New Construction</i> .....         | \$95,134,000  |
| <i>Korea</i> .....       | <i>Camp Walker</i> .....   | <i>Family Housing Replacement Construction</i> ..... | \$68,000,000  |
| <i>Puerto Rico</i> ..... | <i>Fort Buchanan</i> ..... | <i>Family Housing Replacement Construction</i> ..... | \$26,000,000  |
| <i>Wisconsin</i> .....   | <i>Fort McCoy</i> .....    | <i>Family Housing New Construction</i> .....         | \$6,200,000   |

8 (b) *PLANNING AND DESIGN.*—Using amounts appro-  
 9 priated pursuant to the authorization of appropriations in  
 10 section 2103(a) and available for military family housing  
 11 functions as specified in the funding table in section 4601,  
 12 the Secretary of the Army may carry out architectural and  
 13 engineering services and construction design activities with  
 14 respect to the construction or improvement of family hous-  
 15 ing units in an amount not to exceed \$18,326,000.

16 **SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

17 (a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are  
 18 hereby authorized to be appropriated for fiscal years begin-  
 19 ning after September 30, 2018, for military construction,

1 *land acquisition, and military family housing functions of*  
 2 *the Department of the Army as specified in the funding*  
 3 *table in section 4601.*

4 (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*  
 5 *PROJECTS.—Notwithstanding the cost variations author-*  
 6 *ized by section 2853 of title 10, United States Code, and*  
 7 *any other cost variation authorized by law, the total cost*  
 8 *of all projects carried out under section 2101 of this Act*  
 9 *may not exceed the total amount authorized to be appro-*  
 10 *priated under subsection (a), as specified in the funding*  
 11 *table in section 4601.*

12 **SEC. 2104. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 13 **FISCAL YEAR 2015 PROJECTS.**

14 (a) *EXTENSION.—Notwithstanding section 2002 of the*  
 15 *Military Construction Authorization Act for Fiscal Year*  
 16 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
 17 *the authorizations set forth in the table in subsection (b),*  
 18 *as provided in section 2101 of that Act (128 Stat. 3670),*  
 19 *shall remain in effect until October 1, 2019, or the date*  
 20 *of the enactment of an Act authorizing funds for military*  
 21 *construction for fiscal year 2020, whichever is later.*

22 (b) *TABLE.—The table referred to in subsection (a) is*  
 23 *as follows:*

**Army: Extension of 2015 Project Authorization**

| <b>State/Country</b>    | <b>Installation</b>                                     | <b>Project</b>              | <b>Amount</b>      |
|-------------------------|---|-----------------------------|--------------------|
| <i>California .....</i> | <i>Military Ocean Ter-</i><br><i>terminal, Concord.</i> | <i>Access Control Point</i> | <i>\$9,900,000</i> |

**Army: Extension of 2015 Project Authorization—Continued**

| <b>State/Country</b> | <b>Installation</b>          | <b>Project</b>                | <b>Amount</b>       |
|----------------------|------------------------------|-------------------------------|---------------------|
| <i>Japan .....</i>   | <i>Kadena Air Base .....</i> | <i>Missile Magazine .....</i> | <i>\$10,600,000</i> |

1                   **TITLE XXII—NAVY MILITARY**  
2                   **CONSTRUCTION**

3   **SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND**  
4                   **ACQUISITION PROJECTS.**

5           (a) *INSIDE THE UNITED STATES.*—Using amounts ap-  
6   *propriated pursuant to the authorization of appropriations*  
7   *in section 2204(a) and available for military construction*  
8   *projects inside the United States as specified in the funding*  
9   *table in section 4601, the Secretary of the Navy may ac-*  
10   *quire real property and carry out military construction*  
11   *projects for the installations or locations inside the United*  
12   *States, and in the amounts, set forth in the following table:*

**Navy: Inside the United States**

| <b>State</b>                    | <b>Installation or Location</b>                      | <b>Amount</b>        |
|---------------------------------|--|----------------------|
| <i>Arizona .....</i>            | <i>Camp Navajo .....</i>                             | <i>\$14,800,000</i>  |
| <i>California .....</i>         | <i>Marine Corps Base Camp Pendleton .....</i>        | <i>\$127,930,000</i> |
|                                 | <i>Marine Corps Air Station Miramar .....</i>        | <i>\$31,980,000</i>  |
|                                 | <i>Naval Air Station Lemoore .....</i>               | <i>\$127,590,000</i> |
|                                 | <i>Naval Base Coronado .....</i>                     | <i>\$156,580,000</i> |
|                                 | <i>Naval Base San Diego .....</i>                    | <i>\$176,040,000</i> |
|                                 | <i>Naval Base Ventura .....</i>                      | <i>\$53,160,000</i>  |
|                                 | <i>Naval Weapons Station Seal Beach .....</i>        | <i>\$139,630,000</i> |
| <i>District of Columbia ...</i> | <i>Naval Observatory .....</i>                       | <i>\$115,600,000</i> |
| <i>Florida .....</i>            | <i>Naval Air Station Whiting Field .....</i>         | <i>\$10,000,000</i>  |
|                                 | <i>Naval Station Mayport .....</i>                   | <i>\$111,460,000</i> |
| <i>Georgia .....</i>            | <i>Marine Corps Logistics Base Albany .....</i>      | <i>\$31,900,000</i>  |
| <i>Guam .....</i>               | <i>Joint Region Marianas .....</i>                   | <i>\$355,257,000</i> |
| <i>Hawaii .....</i>             | <i>Joint Base Pearl Harbor-Hickam .....</i>          | <i>\$123,320,000</i> |
|                                 | <i>Marine Corps Base Hawaii .....</i>                | <i>\$66,100,000</i>  |
| <i>Maine .....</i>              | <i>Portsmouth Naval Yard .....</i>                   | <i>\$149,685,000</i> |
| <i>Mississippi .....</i>        | <i>Naval Construction Battalion Center .....</i>     | <i>\$22,300,000</i>  |
| <i>North Carolina .....</i>     | <i>Marine Corps Base Camp Lejeune .....</i>          | <i>\$51,300,000</i>  |
|                                 | <i>Marine Corps Air Station Cherry Point .....</i>   | <i>\$240,830,000</i> |
| <i>Pennsylvania .....</i>       | <i>Naval Support Activity Philadelphia .....</i>     | <i>\$71,050,000</i>  |
| <i>South Carolina .....</i>     | <i>Marine Corps Air Station Beaufort .....</i>       | <i>\$15,817,000</i>  |
|                                 | <i>Marine Corps Recruit Depot, Parris Island ...</i> | <i>\$35,190,000</i>  |
| <i>Utah .....</i>               | <i>Hill Air Force Base .....</i>                     | <i>\$105,520,000</i> |
| <i>Virginia .....</i>           | <i>Marine Corps Base Quantico .....</i>              | <i>\$13,100,000</i>  |

**Navy: Inside the United States—Continued**

| <b>State</b>     | <b>Installation or Location</b>        | <b>Amount</b> |
|------------------|--|---------------|
| Washington ..... | Norfolk Naval Shipyard .....           | \$26,120,000  |
|                  | Naval Base Kitsap .....                | \$88,960,000  |
|                  | Naval Air Station Whidbey Island ..... | \$27,380,000  |

1           (b) *OUTSIDE THE UNITED STATES.*—Using amounts  
2 appropriated pursuant to the authorization of appropri-  
3 ations in section 2204(a) and available for military con-  
4 struction projects outside the United States as specified in  
5 the funding table in section 4601, the Secretary of the Navy  
6 may acquire real property and carry out military construc-  
7 tion projects for the installation or location outside the  
8 United States, and in the amounts, set forth in the following  
9 table:

**Navy: Outside the United States**

| <b>Country</b> | <b>Installation or Location</b>    | <b>Amount</b> |
|----------------|------------------------------------|---------------|
| Bahamas .....  | Andros Island .....                | \$31,050,000  |
| Bahrain .....  | SW Asia .....                      | \$26,340,000  |
| Cuba .....     | Naval Station Guantanamo Bay ..... | \$104,700,000 |
| Germany .....  | Panzer Kaserne .....               | \$43,950,000  |
| Japan .....    | Kadena Air Base .....              | \$9,049,000   |

10 **SEC. 2202. FAMILY HOUSING.**

11           (a) *CONSTRUCTION AND ACQUISITION.*—Using  
12 amounts appropriated pursuant to the authorization of ap-  
13 propriations in section 2204(a) and available for military  
14 family housing functions as specified in the funding table  
15 in section 4601, the Secretary of the Navy may construct  
16 or acquire family housing units (including land acquisition  
17 and supporting facilities) at the installations or locations,





1 *ning after September 30, 2018, for military construction,*  
2 *land acquisition, and military family housing functions of*  
3 *the Department of the Navy, as specified in the funding*  
4 *table in section 4601.*

5 *(b) LIMITATION ON TOTAL COST OF CONSTRUCTION*  
6 *PROJECTS.—Notwithstanding the cost variations author-*  
7 *ized by section 2853 of title 10, United States Code, and*  
8 *any other cost variation authorized by law, the total cost*  
9 *of all projects carried out under section 2201 of this Act*  
10 *may not exceed the total amount authorized to be appro-*  
11 *priated under subsection (a), as specified in the funding*  
12 *table in section 4601.*

13 ***TITLE XXIII—AIR FORCE***  
14 ***MILITARY CONSTRUCTION***

15 ***SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND***  
16 ***LAND ACQUISITION PROJECTS.***

17 *(a) INSIDE THE UNITED STATES.—Using amounts ap-*  
18 *propriated pursuant to the authorization of appropriations*  
19 *in section 2304(a) and available for military construction*  
20 *projects inside the United States as specified in the funding*  
21 *table in section 4601, the Secretary of the Air Force may*  
22 *acquire real property and carry out military construction*  
23 *projects for the installations or locations inside the United*  
24 *States, and in the amounts, set forth in the following table:*

**Air Force: Inside the United States**

| <b>State</b>                 | <b>Installation or Location</b>          | <b>Amount</b> |
|------------------------------|--|---------------|
| <i>Alaska</i> .....          | <i>Eielson Air Force Base</i> .....      | \$63,800,000  |
| <i>Arizona</i> .....         | <i>Davis Monthan Air Force Base</i> .... | \$15,000,000  |
|                              | <i>Luke Air Force Base</i> .....         | \$40,000,000  |
| <i>Arkansas</i> .....        | <i>Little Rock Air Force Base</i> .....  | \$26,000,000  |
| <i>Florida</i> .....         | <i>Eglin Air Force Base</i> .....        | \$62,863,000  |
|                              | <i>MacDill Air Force Base</i> .....      | \$3,100,000   |
|                              | <i>Patrick Air Force Base</i> .....      | \$9,000,000   |
| <i>Guam</i> .....            | <i>Joint Region Marianas</i> .....       | \$9,800,000   |
| <i>Louisiana</i> .....       | <i>Barksdale Air Force Base</i> .....    | \$12,250,000  |
| <i>Mariana Islands</i> ..... | <i>Tinian</i> .....                      | \$50,700,000  |
| <i>Maryland</i> .....        | <i>Joint Base Andrews</i> .....          | \$58,000,000  |
| <i>Massachusetts</i> .....   | <i>Hanscom Air Force Base</i> .....      | \$225,000,000 |
| <i>Nebraska</i> .....        | <i>Offutt Air Force Base</i> .....       | \$9,500,000   |
| <i>Nevada</i> .....          | <i>Creech Air Force Base</i> .....       | \$59,000,000  |
|                              | <i>Nellis Air Force Base</i> .....       | \$5,900,000   |
| <i>New Mexico</i> .....      | <i>Holloman Air Force Base</i> .....     | \$85,000,000  |
|                              | <i>Kirtland Air Force Base</i> .....     | \$7,000,000   |
| <i>New York</i> .....        | <i>Rome Lab</i> .....                    | \$14,200,000  |
| <i>North Dakota</i> .....    | <i>Minot Air Force Base</i> .....        | \$66,000,000  |
| <i>Ohio</i> .....            | <i>Wright-Patterson Air Force Base</i>   | \$182,000,000 |
| <i>Oklahoma</i> .....        | <i>Altus Air Force Base</i> .....        | \$12,000,000  |
|                              | <i>Tinker Air Force Base</i> .....       | \$166,000,000 |
| <i>South Carolina</i> .....  | <i>Shaw Air Force Base</i> .....         | \$53,000,000  |
| <i>Utah</i> .....            | <i>Hill Air Force Base</i> .....         | \$26,000,000  |
| <i>Washington</i> .....      | <i>Fairchild-White Bluff</i> .....       | \$14,000,000  |

1           **(b) OUTSIDE THE UNITED STATES.**—Using amounts  
2   *appropriated pursuant to the authorization of appropri-*  
3   *ations in section 2304(a) and available for military con-*  
4   *struction projects outside the United States as specified in*  
5   *the funding table in section 4601, the Secretary of the Air*  
6   *Force may acquire real property and carry out military*  
7   *construction projects for the installation or location outside*  
8   *the United States, and in the amount, set forth in the fol-*  
9   *lowing table:*

**Air Force: Outside the United States**

| <b>Country</b>                    | <b>Installation or Location</b>         | <b>Amount</b> |
|-----------------------------------|---|---------------|
| <i>United Kingdom</i> .....       | <i>Royal Air Force Lakenheath</i> ..... | \$148,467,000 |
| <i>Worldwide Classified</i> ..... | <i>Classified Location</i> .....        | \$18,000,000  |

1 **SEC. 2302. FAMILY HOUSING.**

2 *Using amounts appropriated pursuant to the author-*  
3 *ization of appropriations in section 2304(a) and available*  
4 *for military family housing functions as specified in the*  
5 *funding table in section 4601, the Secretary of the Air Force*  
6 *may carry out architectural and engineering services and*  
7 *construction design activities with respect to the construc-*  
8 *tion or improvement of family housing units in an amount*  
9 *not to exceed \$3,199,000.*

10 **SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
11 **UNITS.**

12 *Subject to section 2825 of title 10, United States Code,*  
13 *and using amounts appropriated pursuant to the author-*  
14 *ization of appropriations in section 2304(a) and available*  
15 *for military family housing functions as specified in the*  
16 *funding table in section 4601, the Secretary of the Air Force*  
17 *may improve existing military family housing units in an*  
18 *amount not to exceed \$75,247,000.*

19 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**  
20 **FORCE.**

21 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
22 *hereby authorized to be appropriated for fiscal years begin-*  
23 *ning after September 30, 2018, for military construction,*  
24 *land acquisition, and military family housing functions of*  
25 *the Department of the Air Force, as specified in the funding*  
26 *table in section 4601.*

1           (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*  
2 *PROJECTS.*—*Notwithstanding the cost variations author-*  
3 *ized by section 2853 of title 10, United States Code, and*  
4 *any other cost variation authorized by law, the total cost*  
5 *of all projects carried out under section 2301 of this Act*  
6 *may not exceed the total amount authorized to be appro-*  
7 *priated under subsection (a), as specified in the funding*  
8 *table in section 4601.*

9 **SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**  
10                                   **CERTAIN PHASED PROJECT AUTHORIZED IN**  
11                                   **FISCAL YEARS 2015, 2016, AND 2017.**

12           *In the case of the authorization contained in the table*  
13 *in section 2301(b) of the Military Construction Authoriza-*  
14 *tion Act for Fiscal Year 2015 (division B of Public Law*  
15 *113-291; 128 Stat. 3679) for Royal Air Force Croughton*  
16 *for JIAC Consolidation Phase 1, the authorization con-*  
17 *tained in the table in section 2301(b) of the Military Con-*  
18 *struction Authorization Act for Fiscal Year 2016 (division*  
19 *B of Public Law 114-92; 129 Stat. 1153) for Croughton*  
20 *Royal Air Force for JIAC Consolidation Phase 2, and the*  
21 *authorization contained in the table in section 2301(b) of*  
22 *the Military Construction Authorization Act for Fiscal Year*  
23 *2017 (division B of Public Law 114-328; 130 Stat. 2697)*  
24 *for Royal Air Force Croughton for JIAC Consolidation*  
25 *Phase 3, the location shall be United Kingdom, Unspecified.*

1 **SEC. 2306. MODIFICATION OF AUTHORITY TO CARRY OUT**  
2 **CERTAIN FISCAL YEAR 2017 PROJECT.**

3 *In the case of the authorization contained in the table*  
4 *in section 2301(a) of the Military Construction Authoriza-*  
5 *tion Act for Fiscal Year 2017 (division B of Public Law*  
6 *114-328; 130 Stat. 2696) for Joint Base San Antonio,*  
7 *Texas, for construction of a basic military training recruit*  
8 *dormitory, the Secretary of the Air Force may construct*  
9 *a 26,537 square meter dormitory in the amount of*  
10 *\$92,300,000.*

11 **SEC. 2307. MODIFICATION OF AUTHORITY TO CARRY OUT**  
12 **CERTAIN FISCAL YEAR 2018 PROJECT.**

13 *In the case of the authorization contained in the table*  
14 *in section 2301(a) of the Military Construction Authoriza-*  
15 *tion Act for Fiscal Year 2018 (division B of Public Law*  
16 *115-91; 131 Stat. 1825) for the United States Air Force*  
17 *Academy, Colorado, for construction of a cyberworks facil-*  
18 *ity, the Secretary of the Air Force may construct a facility*  
19 *of up to 4,000 square meters.*

20 **SEC. 2308. ADDITIONAL AUTHORITY TO CARRY OUT CER-**  
21 **TAIN FISCAL YEAR 2019 PROJECTS.**

22 *(a) PROJECT AUTHORIZATIONS.—The Secretary of the*  
23 *Air Force may carry out military construction projects to*  
24 *construct—*

1           (1) a 6,702 square meter Joint Simulation Envi-  
2           ronment Facility at Edwards Air Force Base, Cali-  
3           fornia, in the amount of \$43,000,000;

4           (2) a 4,833 square meter Cyberspace Test Facil-  
5           ity at Eglin Air Force Base, Florida, in the amount  
6           of \$38,000,000; and

7           (3) a 4,735 square meter Joint Simulation Envi-  
8           ronment Facility at Nellis Air Force Base, Nevada,  
9           in the amount of \$30,000,000.

10          (b) *USE OF RESEARCH, DEVELOPMENT, TEST, AND*  
11          *EVALUATION FUNDS.*—As provided for in the Defense Lab-  
12          oratory Modernization Pilot Program authorized by section  
13          2803 of the Military Construction Authorization Act for  
14          Fiscal Year 2016 (10 U.S.C. 2358 note), the Secretary may  
15          use funds available for research, development, test, and eval-  
16          uation for the projects described in subsection (a).

17          **SEC. 2309. ADDITIONAL AUTHORITY TO CARRY OUT**  
18                                 **PROJECT AT TRAVIS AIR FORCE BASE, CALI-**  
19                                 **FORNIA, IN FISCAL YEAR 2019.**

20          *The Secretary of the Air Force may carry out a mili-*  
21          *tary construction project to construct a 150,000 square foot*  
22          *high-bay air cargo pallet storage and marshaling enclosure*  
23          *integral to installation of a mechanized material handling*  
24          *system at Travis Air Force Base, California, in the amount*  
25          *of \$35,000,000.*

1 **TITLE XXIV—DEFENSE AGEN-**  
 2 **CIES MILITARY CONSTRUC-**  
 3 **TION**

4 **SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**  
 5 **TION AND LAND ACQUISITION PROJECTS.**

6 (a) *INSIDE THE UNITED STATES.*—Using amounts ap-  
 7 propriated pursuant to the authorization of appropriations  
 8 in section 2403(a) and available for military construction  
 9 projects inside the United States as specified in the funding  
 10 table in section 4601, the Secretary of Defense may acquire  
 11 real property and carry out military construction projects  
 12 for the installations or locations inside the United States,  
 13 and in the amounts, set forth in the following table:

**Defense Agencies: Inside the United States**

| <b>State</b>           | <b>Installation or Location</b>          | <b>Amount</b> |
|------------------------|--|---------------|
| Alaska .....           | Clear Air Force Station .....            | \$174,000,000 |
|                        | Joint Base Elmendorf-Richardson .....    | \$14,000,000  |
| Arkansas .....         | Little Rock Air Force Base .....         | \$14,000,000  |
| California .....       | Marine Corps Base Camp Pendleton .....   | \$12,596,000  |
|                        | Defense Distribution Depot-Tracy .....   | \$18,800,000  |
|                        | Naval Base Coronado .....                | \$71,088,000  |
| Colorado .....         | Fort Carson .....                        | \$24,297,000  |
| Conus Classified ..... | Classified Location .....                | \$49,222,000  |
| Kentucky .....         | Fort Campbell .....                      | \$82,298,000  |
| Maine .....            | Kittery .....                            | \$11,600,000  |
| Maryland .....         | Fort Meade .....                         | \$805,000,000 |
| Missouri .....         | St. Louis .....                          | \$447,800,000 |
| New Jersey .....       | Joint Base McGuire-Dix-Lakehurst .....   | \$10,200,000  |
| North Carolina .....   | Fort Bragg .....                         | \$32,366,000  |
|                        | Marine Corps Air Station New River ..... | \$32,580,000  |
| Oklahoma .....         | McAlester .....                          | \$7,000,000   |
| Texas .....            | Joint Base San Antonio .....             | \$10,200,000  |
|                        | Red River Army Depot .....               | \$71,500,000  |
| Virginia .....         | Fort A.P. Hill .....                     | \$11,734,000  |
|                        | Fort Belvoir .....                       | \$6,127,000   |
|                        | Humphreys Engineer Center .....          | \$20,257,000  |
|                        | Joint Base Langley-Eustis .....          | \$12,700,000  |
|                        | Pentagon .....                           | \$35,850,000  |
| Washington .....       | Training Center Dam Neck .....           | \$8,959,000   |
|                        | Joint Base Lewis-McChord .....           | \$26,200,000  |



1           **(b) OUTSIDE THE UNITED STATES.**—Using amounts  
 2 appropriated pursuant to the authorization of appropria-  
 3 tions in section 2403(a) and available for military con-  
 4 struction projects outside the United States as specified in  
 5 the funding table in section 4601, the Secretary of Defense  
 6 may acquire real property and carry out military construc-  
 7 tion projects for the installations or locations outside the  
 8 United States, and in the amounts, set forth in the following  
 9 table:

**Defense Agencies: Outside the United States**

| <b>Country</b>       | <b>Installation or Location</b>           | <b>Amount</b> |
|----------------------|---|---------------|
| <i>Belgium</i> ..... | <i>Chievres Air Base</i> .....            | \$14,305,000  |
| <i>Cuba</i> .....    | <i>Naval Station Guantanamo Bay</i> ..... | \$9,080,000   |
| <i>Germany</i> ..... | <i>Baumholder</i> .....                   | \$11,504,000  |
|                      | <i>Kaiserslautern Air Base</i> .....      | \$99,955,000  |
|                      | <i>Wiesbaden</i> .....                    | \$56,048,000  |
| <i>Japan</i> .....   | <i>Camp McTureous</i> .....               | \$94,851,000  |
|                      | <i>Iwakuni</i> .....                      | \$33,200,000  |
|                      | <i>Kadena Air Base</i> .....              | \$21,400,000  |
|                      | <i>Yokosuka</i> .....                     | \$170,386,000 |

10 **SEC. 2402. AUTHORIZED ENERGY CONSERVATION**  
 11 **PROJECTS.**

12           Using amounts appropriated pursuant to the author-  
 13 ization of appropriations in section 2403(a) and available  
 14 for energy conservation projects as specified in the funding  
 15 table in section 4601, the Secretary of Defense may carry  
 16 out energy conservation projects under chapter 173 of title  
 17 10, United States Code, in the amount set forth in the table.

1 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DEFENSE**  
2 **AGENCIES.**

3 (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
4 *hereby authorized to be appropriated for fiscal years begin-*  
5 *ning after September 30, 2018, for military construction,*  
6 *land acquisition, and military family housing functions of*  
7 *the Department of Defense (other than the military depart-*  
8 *ments), as specified in the funding table in section 4601.*

9 (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*  
10 *PROJECTS.—Notwithstanding the cost variations author-*  
11 *ized by section 2853 of title 10, United States Code, and*  
12 *any other cost variation authorized by law, the total cost*  
13 *of all projects carried out under section 2401 of this Act*  
14 *may not exceed the total amount authorized to be appro-*  
15 *priated under subsection (a), as specified in the funding*  
16 *table in section 4601.*

17 **SEC. 2404. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
18 **FISCAL YEAR 2015 PROJECTS.**

19 (a) *EXTENSION.—Notwithstanding section 2002 of the*  
20 *Military Construction Authorization Act for Fiscal Year*  
21 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
22 *the authorizations set forth in the table in subsection (b),*  
23 *as provided in section 2401 of that Act (128 Stat. 3681)*  
24 *and as amended by section 2406 of the Military Construc-*  
25 *tion Authorization Act for Fiscal Year 2018 (division B*  
26 *of Public Law 115–91; 131 Stat. 1831), shall remain in*

1 effect until October 1, 2019, or the date of the enactment  
 2 of an Act authorizing funds for military construction for  
 3 fiscal year 2020, whichever is later.

4 (b) TABLE.—The table referred to in subsection (a) is  
 5 as follows:

**Defense Agencies: Extension of 2015 Project Authorizations**

| <b>State/Country</b> | <b>Installation or Location</b>         | <b>Project</b>                                     | <b>Amount</b> |
|----------------------|---|--|---------------|
| Japan .....          | Commander Fleet Activities Sasebo ..... | E.J. King High School Replacement/Renovation ..... | \$37,681,000  |
| Japan .....          | Okinawa .....                           | Kubasaki High School Replacement/Renovation .....  | \$99,420,000  |
| New Mexico .....     | Cannon AFB .....                        | SOF Squadron Operations Facility (STS) .....       | \$23,333,000  |
| Virginia .....       | Pentagon .....                          | Redundant Chilled Water Loop .....                 | \$15,100,000  |

6 **TITLE XXV—INTERNATIONAL**  
 7 **PROGRAMS**

8 **Subtitle A—North Atlantic Treaty**  
 9 **Organization Security Invest-**  
 10 **ment Program**

11 **SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND**  
 12 **ACQUISITION PROJECTS.**

13 *The Secretary of Defense may make contributions for*  
 14 *the North Atlantic Treaty Organization Security Invest-*  
 15 *ment Program as provided in section 2806 of title 10,*  
 16 *United States Code, in an amount not to exceed the sum*  
 17 *of the amount authorized to be appropriated for this pur-*  
 18 *pose in section 2502 and the amount collected from the*

1 *North Atlantic Treaty Organization as a result of construc-*  
 2 *tion previously financed by the United States.*

3 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

4 *Funds are hereby authorized to be appropriated for fis-*  
 5 *cal years beginning after September 30, 2018, for contribu-*  
 6 *tions by the Secretary of Defense under section 2806 of title*  
 7 *10, United States Code, for the share of the United States*  
 8 *of the cost of projects for the North Atlantic Treaty Organi-*  
 9 *zation Security Investment Program authorized by section*  
 10 *2501 as specified in the funding table in section 4601.*

11 ***Subtitle B—Host Country In-Kind***  
 12 ***Contributions***

13 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**  
 14 **PROJECTS.**

15 *Pursuant to agreement with the Republic of Korea for*  
 16 *required in-kind contributions, the Secretary of Defense*  
 17 *may accept military construction projects for the installa-*  
 18 *tions or locations, and in the amounts, set forth in the fol-*  
 19 *lowing table:*

***Republic of Korea Funded Construction Projects***

| <b><i>Country</i></b> | <b><i>Compo-<br/>nent</i></b> | <b><i>Installation<br/>or Location</i></b> | <b><i>Project</i></b>   | <b><i>Amount</i></b> |
|-----------------------|-------------------------------|--|---|----------------------|
| <i>Korea .....</i>    | <i>Army .....</i>             | <i>Camp Carroll</i>                        | <i>Upgrade Electrical Distribu-<br/>tion, Phase 2 .....</i>   | <i>\$52,000,000</i>  |
|                       | <i>Army .....</i>             | <i>Camp Hun-<br/>phreys .....</i>          | <i>Site Development .....</i>                                 | <i>\$7,800,000</i>   |
|                       | <i>Army .....</i>             | <i>Camp Hum-<br/>phreys .....</i>          | <i>Air Support Operations<br/>Squadron .....</i>              | <i>\$25,000,000</i>  |
|                       | <i>Army .....</i>             | <i>Camp Hum-<br/>phreys .....</i>          | <i>Unaccompanied Enlisted<br/>Personnel Housing, P2 .....</i> | <i>\$76,000,000</i>  |

*Republic of Korea Funded Construction Projects—Continued*

| <b>Country</b> | <b>Component</b> | <b>Installation or Location</b> | <b>Project</b>                                      | <b>Amount</b> |
|----------------|------------------|---------------------------------|---|---------------|
|                | Army .....       | Camp Humphreys .....            | Echelon Above Brigade Engineer Battalion, VMF ..... | \$123,000,000 |
|                | Army .....       | Camp Walker                     | Repair/Replace Sewer Piping System .....            | \$8,000,000   |
|                | Navy .....       | Chinhae .....                   | Indoor Training Pool .....                          | \$7,400,000   |
|                | Navy .....       | Pohang Air Base .....           | Replace Ordnance Storage Magazines .....            | \$87,000,000  |
|                | Air Force        | Gimhae Air Base .....           | Airfield Damage Repair Warehouse .....              | \$7,600,000   |
|                | Air Force        | Gwangju Air Base .....          | Airfield Damage Repair Warehouse .....              | \$7,600,000   |
|                | Air Force        | Kunsan Air Base .....           | Explosive Ordnance Disposal Facility .....          | \$8,000,000   |
|                | Air Force        | Kunsan Air Base .....           | Upgrade Flow-Through Fuel System .....              | \$23,000,000  |
|                | Air Force        | Osan Air Base                   | 5th Reconnaissance Squadron Aircraft Shelter .....  | \$12,000,000  |
|                | Air Force        | Osan Air Base                   | Airfield Damage Repair Facility .....               | \$22,000,000  |
|                | Air Force        | Osan Air Base                   | Communications HQ Building .....                    | \$45,000,000  |
|                | Air Force        | Suwon Air Base .....            | Airfield Damage Repair Warehouse .....              | \$7,200,000   |

1                   **TITLE XXVI—GUARD AND**  
2                   **RESERVE FORCES FACILITIES**  
3                   **Subtitle A—Project Authorizations**  
4                   **and Authorization of Appropriations**  
5                   **tions**

6                   **SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-**  
7                                   **STRUCTION AND LAND ACQUISITION**  
8                                   **PROJECTS.**

9                   *Using amounts appropriated pursuant to the author-*  
10                   *ization of appropriations in section 2606 and available for*  
11                   *the National Guard and Reserve as specified in the funding*

1 table in section 4601, the Secretary of the Army may ac-  
 2 quire real property and carry out military construction  
 3 projects for the Army National Guard locations inside the  
 4 United States, and in the amounts, set forth in the following  
 5 table:

**Army National Guard**

| <b>State</b>               | <b>Location</b>                              | <b>Amount</b> |
|----------------------------|--|---------------|
| <i>Alaska</i> .....        | <i>Joint Base Elmendorf-Richardson</i> ..... | \$27,000,000  |
| <i>Illinois</i> .....      | <i>Marseilles Training Center</i> .....      | \$5,000,000   |
| <i>Montana</i> .....       | <i>Malta</i> .....                           | \$15,000,000  |
| <i>Nevada</i> .....        | <i>North Las Vegas</i> .....                 | \$32,000,000  |
| <i>New Hampshire</i> ..... | <i>Pembroke</i> .....                        | \$12,000,000  |
| <i>North Dakota</i> .....  | <i>Fargo</i> .....                           | \$32,000,000  |
| <i>Ohio</i> .....          | <i>Camp Ravenna</i> .....                    | \$7,400,000   |
| <i>Oklahoma</i> .....      | <i>Lexington</i> .....                       | \$11,000,000  |
| <i>South Dakota</i> .....  | <i>Rapid City</i> .....                      | \$15,000,000  |

6 **SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION**  
 7 **AND LAND ACQUISITION PROJECTS.**

8 Using amounts appropriated pursuant to the author-  
 9 ization of appropriations in section 2606 and available for  
 10 the National Guard and Reserve as specified in the funding  
 11 table in section 4601, the Secretary of the Army may ac-  
 12 quire real property and carry out military construction  
 13 projects for the Army Reserve locations inside the United  
 14 States, and in the amounts, set forth in the following table:

**Army Reserve: Inside the United States**

| <b>State</b>            | <b>Location</b>                     | <b>Amount</b> |
|-------------------------|-------------------------------------|---------------|
| <i>California</i> ..... | <i>Fort Irwin</i> .....             | \$34,000,000  |
| <i>Washington</i> ..... | <i>Yakima Training Center</i> ..... | \$23,000,000  |
| <i>Wisconsin</i> .....  | <i>Fort McCoy</i> .....             | \$23,000,000  |

1 **SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE**  
 2 **CORPS RESERVE CONSTRUCTION AND LAND**  
 3 **ACQUISITION PROJECTS.**

4 *Using amounts appropriated pursuant to the author-*  
 5 *ization of appropriations in section 2606 and available for*  
 6 *the National Guard and Reserve as specified in the funding*  
 7 *table in section 4601, the Secretary of the Navy may ac-*  
 8 *quire real property and carry out military construction*  
 9 *projects for the Navy Reserve and Marine Corps Reserve*  
 10 *locations inside the United States, and in the amounts, set*  
 11 *forth in the following table:*

***Navy Reserve and Marine Corps Reserve***

| <b><i>State</i></b>     | <b><i>Location</i></b>                        | <b><i>Amount</i></b> |
|-------------------------|---|----------------------|
| <i>California .....</i> | <i>Naval Weapons Station Seal Beach .....</i> | <i>\$21,740,000</i>  |
| <i>Georgia .....</i>    | <i>Fort Benning .....</i>                     | <i>\$13,630,000</i>  |

12 **SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUC-**  
 13 **TION AND LAND ACQUISITION PROJECTS.**

14 *Using amounts appropriated pursuant to the author-*  
 15 *ization of appropriations in section 2606 and available for*  
 16 *the National Guard and Reserve as specified in the funding*  
 17 *table in section 4601, the Secretary of the Air Force may*  
 18 *acquire real property and carry out military construction*  
 19 *projects for the Air National Guard locations inside the*  
 20 *United States, and in the amounts, set forth in the following*  
 21 *table:*

***Air National Guard***

| <b><i>State</i></b>     | <b><i>Location</i></b>                                  | <b><i>Amount</i></b> |
|-------------------------|---|----------------------|
| <i>California .....</i> | <i>Channel Islands Air National Guard Station .....</i> | <i>\$8,000,000</i>   |

*Air National Guard—Continued*

| <i>State</i>              | <i>Location</i>   | <i>Amount</i>       |
|---------------------------|---|---------------------|
| <i>Hawaii</i> .....       | <i>Joint Base Pearl Harbor-Hickam</i> .....             | <i>\$17,000,000</i> |
| <i>Illinois</i> .....     | <i>Greater Peoria Regional Airport</i> .....            | <i>\$9,000,000</i>  |
| <i>Louisiana</i> .....    | <i>Naval Air Station Joint Reserve Base New Orleans</i> | <i>\$39,000,000</i> |
| <i>Minnesota</i> .....    | <i>Duluth International Airport</i> .....               | <i>\$8,000,000</i>  |
| <i>Montana</i> .....      | <i>Great Falls International Airport</i> .....          | <i>\$9,000,000</i>  |
| <i>New York</i> .....     | <i>Francis S. Gabreski Airport</i> .....                | <i>\$20,000,000</i> |
| <i>Ohio</i> .....         | <i>Mansfield Lahm Airport</i> .....                     | <i>\$13,000,000</i> |
|                           | <i>Rickenbacker International Airport</i> .....         | <i>\$8,000,000</i>  |
| <i>Pennsylvania</i> ..... | <i>Fort Indiantown Gap</i> .....                        | <i>\$8,000,000</i>  |
| <i>Virginia</i> .....     | <i>Joint Base Langley-Eustis</i> .....                  | <i>\$10,000,000</i> |

1 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUC-**  
2 **TION AND LAND ACQUISITION PROJECTS.**

3 *Using amounts appropriated pursuant to the author-*  
4 *ization of appropriations in section 2606 and available for*  
5 *the National Guard and Reserve as specified in the funding*  
6 *table in section 4601, the Secretary of the Air Force may*  
7 *acquire real property and carry out military construction*  
8 *projects for the Air Force Reserve locations inside the*  
9 *United States, and in the amounts, set forth in the following*  
10 *table:*

*Air Force Reserve*

| <i>State</i>               | <i>Location</i>   | <i>Amount</i>       |
|----------------------------|---|---------------------|
| <i>Florida</i> .....       | <i>Patrick Air Force Base</i> .....                       | <i>\$24,000,000</i> |
| <i>Indiana</i> .....       | <i>Grissom Air Reserve Base</i> .....                     | <i>\$21,500,000</i> |
| <i>Massachusetts</i> ..... | <i>Westover Air Reserve Base</i> .....                    | <i>\$42,600,000</i> |
| <i>Minnesota</i> .....     | <i>Minneapolis-St. Paul International Airport</i> .....   | <i>\$9,000,000</i>  |
| <i>Mississippi</i> .....   | <i>Keesler Air Force Base</i> .....                       | <i>\$4,550,000</i>  |
| <i>New York</i> .....      | <i>Niagara Falls International Airport</i> .....          | <i>\$14,000,000</i> |
| <i>Ohio</i> .....          | <i>Youngstown Air Reserve Station</i> .....               | <i>\$8,800,000</i>  |
| <i>Texas</i> .....         | <i>Naval Air Station Joint Reserve Base Fort Worth ..</i> | <i>\$3,100,000</i>  |

11 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**  
12 **TIONAL GUARD AND RESERVE.**

13 *Funds are hereby authorized to be appropriated for fis-*  
14 *cal years beginning after September 30, 2018, for the costs*



1 of acquisition, architectural and engineering services, and  
2 construction of facilities for the Guard and Reserve Forces,  
3 and for contributions therefor, under chapter 1803 of title  
4 10, United States Code (including the cost of acquisition  
5 of land for those facilities), as specified in the funding table  
6 in section 4601.

### 7 **Subtitle B—Other Matters**

#### 8 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT** 9 **CERTAIN FISCAL YEAR 2016 PROJECT.**

10 *In the case of the authorization contained in the table*  
11 *in section 2603 of the Military Construction Authorization*  
12 *Act for Fiscal Year 2016 (division B of Public Law 114–*  
13 *92; 129 Stat. 1164) for construction of a Reserve Training*  
14 *Center Complex at Dam Neck, Virginia, the Secretary of*  
15 *the Navy may construct the Reserve Training Center Com-*  
16 *plex at Joint Expeditionary Base Little Creek-Story, Vir-*  
17 *ginia.*

#### 18 **SEC. 2612. MODIFICATION OF AUTHORITY TO CARRY OUT** 19 **CERTAIN FISCAL YEAR 2018 PROJECT.**

20 *In the case of the authorization contained in the table*  
21 *in section 2601 of the Military Construction Authorization*  
22 *Act for Fiscal Year 2018 (division B of Public Law 115-*  
23 *91; 131 Stat. 1834) for Fort Belvoir, Virginia, for additions*  
24 *and alterations to the National Guard Readiness Center,*

1 *the Secretary of the Army may construct a new readiness*  
2 *center.*

3 **SEC. 2613. ADDITIONAL AUTHORITY TO CARRY OUT CER-**  
4 **TAIN FISCAL YEAR 2019 PROJECT.**

5 *(a) PROJECT AUTHORIZATION.—*

6 *(1) PROJECT.—The Secretary of the Navy may*  
7 *carry out a military construction project to construct*  
8 *a 50,000 square foot reserve training center, 6,600*  
9 *square foot combat vehicle maintenance and storage*  
10 *facility, 2,400 square foot vehicle wash rack, 1,600*  
11 *square foot covered training area, road improvements,*  
12 *and associated supporting facilities.*

13 *(2) ACQUISITION OF LAND.—As part of the*  
14 *project under this subsection, the Secretary may ac-*  
15 *quire approximately 8.5 acres of adjacent land and*  
16 *obtain necessary interest in land at Pittsburgh, Penn-*  
17 *sylvania, for the construction and operation of the re-*  
18 *serve training center.*

19 *(3) AMOUNT OF AUTHORIZATION.—The total*  
20 *amount of funds the Secretary may obligate and ex-*  
21 *pend on activities under this subsection during fiscal*  
22 *year 2019 may not exceed \$17,650,000.*

23 *(b) USE OF UNOBLIGATED PRIOR-YEAR NAVY MILI-*  
24 *TARY CONSTRUCTION RESERVE FUNDS.—The Secretary*

1 *may use available, unobligated Navy military construction*  
 2 *reserve funds for the project described in subsection (a).*

3 (c) *CONGRESSIONAL NOTIFICATION.—The Secretary of*  
 4 *the Navy shall provide information in accordance with sec-*  
 5 *tion 2851(c) of title 10, United States Code, regarding the*  
 6 *project described in subsection (a). If it becomes necessary*  
 7 *to exceed the estimated project cost, the Secretary shall uti-*  
 8 *lize the authority provided by section 2853 of such title re-*  
 9 *garding authorized cost and scope of work variations.*

10 **TITLE XXVII—BASE REALIGN-**  
 11 **MENT AND CLOSURE ACTIVI-**  
 12 **TIES**

13 **SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR BASE**  
 14 **REALIGNMENT AND CLOSURE ACTIVITIES**  
 15 **FUNDED THROUGH DEPARTMENT OF DE-**  
 16 **FENSE BASE CLOSURE ACCOUNT.**

17 *Funds are hereby authorized to be appropriated for fis-*  
 18 *cal years beginning after September 30, 2018, for base re-*  
 19 *alignment and closure activities, including real property*  
 20 *acquisition and military construction projects, as author-*  
 21 *ized by the Defense Base Closure and Realignment Act of*  
 22 *1990 (part A of title XXIX of Public Law 101-510; 10*  
 23 *U.S.C. 2687 note) and funded through the Department of*  
 24 *Defense Base Closure Account established by section 2906*  
 25 *of such Act (as amended by section 2711 of the Military*

1 *Construction Authorization Act for Fiscal Year 2013 (divi-*  
2 *sion B of Public Law 112-239; 126 Stat. 2140)), as speci-*  
3 *fied in the funding table in section 4601.*

4 **SEC. 2702. ADDITIONAL AUTHORITY TO REALIGN OR CLOSE**  
5 **CERTAIN MILITARY INSTALLATIONS.**

6 (a) *AUTHORIZATION.*—*Notwithstanding sections 993*  
7 *or 2687 of title 10, United States Code, and subject to sub-*  
8 *section (d), the Secretary of Defense may take such actions*  
9 *as may be necessary to carry out the realignment or closure*  
10 *of a military installation in a State during a fiscal year*  
11 *if—*

12 (1) *the military installation is the subject of a*  
13 *notice which is described in subsection (b); and*

14 (2) *the Secretary includes the military installa-*  
15 *tion in the report submitted under paragraph (2) of*  
16 *subsection (c) with respect to the fiscal year.*

17 (b) *NOTICE FROM GOVERNOR OF STATE.*—*A notice de-*  
18 *scribed in this subsection is a notice received by the Sec-*  
19 *retary of Defense from the Governor of a State (or, in the*  
20 *case of the District of Columbia, the Mayor of the District*  
21 *of Columbia) in which the Governor recommends that the*  
22 *Secretary carry out the realignment or closure of a military*  
23 *installation located in the State, and which includes each*  
24 *of the following elements:*

1           (1) *A specific description of the military instal-*  
2 *lation, or a specific description of the relevant real*  
3 *and personal property.*

4           (2) *Statements of support for the realignment or*  
5 *closure from units of local government in which the*  
6 *installation is located.*

7           (3) *A detailed plan for the reuse or redevelop-*  
8 *ment of the real and personal property of the installa-*  
9 *tion, together with a description of the local redevelop-*  
10 *ment authority which will be responsible for the*  
11 *implementation of the plan.*

12       (c) *RESPONSE TO NOTICE.—*

13           (1) *MANDATORY RESPONSE TO GOVERNOR AND*  
14 *CONGRESS.—Not later than 1 year after receiving a*  
15 *notice from the Governor of a State (or, in the case*  
16 *of the District of Columbia, from the Mayor of the*  
17 *District of Columbia), the Secretary of Defense shall*  
18 *submit a response to the notice to the Governor and*  
19 *the congressional defense committees indicating*  
20 *whether or not the Secretary accepts the recommenda-*  
21 *tion for the realignment or closure of a military in-*  
22 *stallation which is the subject of the notice.*

23           (2) *ACCEPTANCE OF RECOMMENDATION.—If the*  
24 *Secretary of Defense determines that it is in the inter-*  
25 *ests of the United States to accept the recommenda-*

1        *tion for the realignment or closure of a military in-*  
2        *stallation which is the subject of a notice received*  
3        *under subsection (b) and intends to carry out the re-*  
4        *alignment or closure of the installation pursuant to*  
5        *the authority of this section during a fiscal year, at*  
6        *the time the budget is submitted under section*  
7        *1105(a) of title 31, United States Code, for the fiscal*  
8        *year, the Secretary shall submit a report to the con-*  
9        *gressional defense committees which includes the fol-*  
10       *lowing:*

11                *(A) The identification of each military in-*  
12                *stallation for which the Secretary intends to*  
13                *carry out a realignment or closure pursuant to*  
14                *the authority of this section during the fiscal*  
15                *year, together with the reasons the Secretary of*  
16                *Defense believes that it is in the interest of the*  
17                *United States to accept the recommendation of*  
18                *the Governor of the State involved for the re-*  
19                *alignment or closure of the installation.*

20                *(B) For each military installation identi-*  
21                *fied under subparagraph (A), a master plan de-*  
22                *scribing the required scope of work, cost, and*  
23                *timing for all facility actions needed to carry*  
24                *out the realignment or closure, including the*

1           *construction of new facilities and the repair or*  
2           *renovation of existing facilities.*

3           *(C) For each military installation identi-*  
4           *fied under subparagraph (A), a certification*  
5           *that, not later than the end of the fifth fiscal*  
6           *year after the completion of the realignment or*  
7           *closure, the savings resulting from the realign-*  
8           *ment or closure will exceed the costs of carrying*  
9           *out the realignment or closure, together with an*  
10           *estimate of the annual recurring savings that*  
11           *would be achieved by the realignment or closure*  
12           *of the installation and the timeframe required*  
13           *for the financial savings to exceed the costs of*  
14           *carrying out the realignment or closure.*

15       *(d) LIMITATIONS.—*

16           *(1) TIMING.—The Secretary may not initiate the*  
17           *realignment or closure of a military installation pur-*  
18           *suant to the authority of this section until the expira-*  
19           *tion of the 90-day period beginning on the date the*  
20           *Secretary submits the report under paragraph (2) of*  
21           *subsection (c).*

22           *(2) TOTAL COSTS.—Subject to appropriations,*  
23           *the aggregate cost to the government in carrying out*  
24           *the realignment or closure of military installations*  
25           *pursuant to the authority of this section for all fiscal*

1        *years may not exceed \$2,000,000,000. In determining*  
2        *the cost to the government for purposes of this section,*  
3        *there shall be included the costs of planning and de-*  
4        *sign, military construction, operations and mainte-*  
5        *nance, environmental restoration, information tech-*  
6        *nology, termination of public-private contracts, guar-*  
7        *antees, and other factors contributing to the cost of*  
8        *carrying out the realignment or closure, as deter-*  
9        *mined by the Secretary.*

10        *(e) PROCESS FOR IMPLEMENTATION.—The implemen-*  
11        *tation of the realignment or closure of a military installa-*  
12        *tion pursuant to the authority of this section shall be car-*  
13        *ried out in accordance with section 2905 of the Defense Base*  
14        *Closure and Realignment Act of 1990 (title XXIX of Public*  
15        *Law 101–510; 10 U.S.C. 2687 note) in the same manner*  
16        *as the implementation of a realignment or closure of a mili-*  
17        *tary installation pursuant to the authority of such Act.*

18        *(f) STATE DEFINED.—In this section, the term “State”*  
19        *means each of the several States, the District of Columbia,*  
20        *the Commonwealth of Puerto Rico, American Samoa,*  
21        *Guam, the United States Virgin Islands, and the Common-*  
22        *wealth of the Northern Mariana Islands.*

23        *(g) TERMINATION OF AUTHORITY.—The authority of*  
24        *the Secretary to carry out a realignment or closure pursu-*



1 *ant to this section shall terminate at the end of fiscal year*  
 2 *2029.*

3 **SEC. 2703. PROHIBITION ON CONDUCTING ADDITIONAL**  
 4 **BASE REALIGNMENT AND CLOSURE (BRAC)**  
 5 **ROUND.**

6 *Nothing in this Act shall be construed to authorize an*  
 7 *additional Base Realignment and Closure (BRAC) round.*

8 **TITLE XXVIII—MILITARY CON-**  
 9 **STRUCTION GENERAL PROVI-**  
 10 **SIONS**

11 **Subtitle A—Military Construction**  
 12 **Program and Military Family**  
 13 **Housing**

14 **SEC. 2801. COMMERCIAL CONSTRUCTION STANDARDS FOR**  
 15 **FACILITIES ON LEASED PROPERTY.**

16 *(a) USE OF COMMERCIAL STANDARDS.—Section*  
 17 *2667(b) of title 10, United States Code, is amended—*

18 *(1) by striking “and” at the end of paragraph*

19 *(6);*

20 *(2) by striking the period at the end of para-*  
 21 *graph (7) and inserting “; and”; and*

22 *(3) by adding at the end the following new para-*  
 23 *graph:*

24 *“(8) shall provide that any facilities constructed*  
 25 *on the property may be constructed using commercial*



1           (2) by striking “December 31, 2018” and insert-  
2           ing “December 31, 2019”; and

3           (3) by striking “fiscal year 2019” and inserting  
4           “fiscal year 2020”.

5 **SEC. 2803. SMALL BUSINESS SET-ASIDE FOR CONTRACTS**  
6                           **FOR ARCHITECTURAL AND ENGINEERING**  
7                           **SERVICES AND CONSTRUCTION DESIGN.**

8           (a) **MANDATORY AWARD OF CONTRACTS UNDER**  
9 **THRESHOLD AMOUNT.**—Section 2855(b)(1) of title 10,  
10 *United States Code*, is amended by striking “subsection  
11 (a)—” and all that follows and inserting the following:  
12 “subsection (a), if the Secretary concerned estimates that  
13 the initial award of the contract will be in an amount less  
14 than the threshold amount determined under paragraph (2),  
15 the contract shall be awarded in accordance with the set  
16 aside provisions of the Small Business Act (15 U.S.C. 631  
17 *et seq.*).”.

18           (b) **INCREASE IN THRESHOLD AMOUNT.**—Section  
19 2855(b)(2) of such title is amended—

20                   (1) by striking “initial”;

21                   (2) by striking “\$300,000” and inserting  
22                   “\$1,000,000”; and

23                   (3) by striking the second sentence.

1           (c) *EFFECTIVE DATE.*—*The amendments made by this*  
2 *section shall apply with respect to fiscal year 2019 and each*  
3 *succeeding fiscal year.*

4 **SEC. 2804. AUTHORITY TO OBTAIN ARCHITECTURAL AND**  
5 **ENGINEERING SERVICES AND CONSTRUCTION DESIGN FOR DEFENSE LABORATORY**  
6 **MODERNIZATION PROGRAM.**

8           (a) *AUTHORITY.*—*Section 2803 of the National De-*  
9 *fense Authorization Act for Fiscal Year 2016 (Public Law*  
10 *114–92; 129 Stat. 1169; 10 U.S.C. 2358 note) is amended—*

11                 (1) *by redesignating subsection (f) as subsection*  
12 *(g); and*

13                 (2) *by inserting after subsection (e) the following*  
14 *new subsection:*

15           “(f) *ADDITIONAL AUTHORITY TO USE FUNDS FOR RE-*  
16 *LATED ARCHITECTURAL AND ENGINEERING SERVICES AND*  
17 *CONTRACT DESIGN.*—

18                 “(1) *AUTHORITY.*—*In addition to the authority*  
19 *provided to the Secretary of Defense under subsection*  
20 *(a) to use amounts appropriated or otherwise made*  
21 *available for research, development, test, and evalua-*  
22 *tion for a military construction project referred to in*  
23 *such subsection, the Secretary of the military depart-*  
24 *ment concerned may use amounts appropriated or*  
25 *otherwise made available for research, development,*

1 *test, and evaluation to obtain architectural and engi-*  
2 *neering services and to carry out construction design*  
3 *in connection with such a project.*

4 “(2) *NOTICE REQUIREMENT.*—*In the case of ar-*  
5 *chitectural and engineering services and construction*  
6 *design to be undertaken under this subsection for*  
7 *which the estimated cost exceeds \$1,000,000, the Sec-*  
8 *retary concerned shall notify the appropriate commit-*  
9 *tees of Congress of the scope of the proposed project*  
10 *and the estimated cost of such services before the ini-*  
11 *tial obligation of funds for such services. The Sec-*  
12 *retary may then obligate funds for such services only*  
13 *after the end of the 14-day period beginning on the*  
14 *date on which the notification is received by the com-*  
15 *mittees in an electronic medium pursuant to section*  
16 *480 of this title.”.*

17 *(b) CONFORMING AMENDMENTS TO WAIVE CONDITIONS*  
18 *APPLICABLE TO EXISTING AUTHORITY.*—

19 *(1) CONDITION ON AND SCOPE OF PROJECT AU-*  
20 *THORITY.*—*Section 2803(b) of such Act is amended by*  
21 *striking “project under this section” and inserting*  
22 *“project under subsection (a)”.*

23 *(2) CONGRESSIONAL NOTIFICATION.*—*Section*  
24 *2803(c) of such Act is amended by striking “carried*  
25 *out under this section” each place it appears in para-*

1 *graphs (1) and (2) and inserting “carried out under*  
2 *subsection (a)”.*

3 (3) *DESCRIPTION OF AUTHORIZED PROJECTS.—*  
4 *Section 2803(d) of such Act is amended by striking*  
5 *“provided by this section” and inserting “provided by*  
6 *subsection (a)”.*

7 (4) *FUNDING LIMITATION.—Section 2803(e) of*  
8 *such Act is amended by striking “projects under this*  
9 *section” and inserting “projects under subsection*  
10 *(a)”.*

11 (c) *EXTENSION OF PERIOD OF AUTHORITY.—Section*  
12 *2803(g) of such Act, as redesignated by subsection (a)(1),*  
13 *is amended by striking “October 1, 2020” and inserting*  
14 *“October 1, 2023”.*

15 (d) *EFFECTIVE DATE.—The amendments made by this*  
16 *section shall take effect as if included in the enactment of*  
17 *section 2803 of the National Defense Authorization Act for*  
18 *Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1169; 10*  
19 *U.S.C. 2358 note).*

20 **SEC. 2805. REPEAL OF LIMITATION ON CERTAIN GUAM**  
21 **PROJECT.**

22 (a) *REPEAL OF LIMITATION.—Section 2879 of the Na-*  
23 *tional Defense Authorization Act for Fiscal Year 2018 (Pub-*  
24 *lic Law 115–91; 131 Stat. 1874) is amended by striking*  
25 *subsection (b).*

1       (b) *EFFECTIVE DATE.*—The amendment made by sub-  
2 section (a) shall take effect as if included in the enactment  
3 of the National Defense Authorization Act for Fiscal Year  
4 2018.

5 **SEC. 2806. ENHANCING FORCE PROTECTION AND SAFETY**  
6 **ON MILITARY INSTALLATIONS.**

7       (a) *AUTHORIZATION OF ADDITIONAL PROJECTS.*—In  
8 addition to any other military construction projects author-  
9 ized under this Act, the Secretary of the military depart-  
10 ment concerned may carry out military construction  
11 projects to enhance force protection and safety on military  
12 installations, as specified in the funding table in section  
13 4601.

14       (b) *NOTICE AND WAIT REQUIREMENTS.*—The Sec-  
15 retary concerned may obligate or expend funds to carry out  
16 a project under this section only after the end of the 14-  
17 day period beginning on the date on which the Secretary  
18 submits, in an electronic medium pursuant to section 480  
19 of title 10, United States Code, to the congressional defense  
20 committees a justification of the need for the project.

21       (c) *EXPIRATION OF AUTHORIZATION.*—Section 2002  
22 shall apply with respect to the authorization of a military  
23 construction project under this section in the same manner  
24 as such section applies to the authorization of a project con-  
25 tained in titles XXI through XXVII.

1 **SEC. 2807. LIMITATION ON USE OF FUNDS FOR ACQUI-**  
2 **SION OF FURNISHED ENERGY FOR NEW MED-**  
3 **ICAL CENTER IN GERMANY.**

4 (a) *LIMITATION.*—No amounts authorized to be appro-  
5 priated or made available to the Secretary of Defense or  
6 the Secretary of any military department may be used to  
7 enter into a contract for the acquisition of furnished energy  
8 for the new Rhine Ordnance Barracks Army Medical Center  
9 (hereafter in this section referred to as the “Medical Cen-  
10 ter”) until the Secretary of Defense submits to the congres-  
11 sional defense committees a written certification that—

12 (1) *the source of furnished energy for the Medical*  
13 *Center will minimize the use of fuels sourced from in-*  
14 *side the Russian Federation;*

15 (2) *the design of the Medical Center will utilize*  
16 *a diversified energy supply from a mixed-fuel system*  
17 *as the source of furnished energy to sustain mission*  
18 *critical operations during any sustained energy sup-*  
19 *ply disruption caused by the Russian Federation; and*

20 (3) *to the extent available, domestically-sourced*  
21 *fuels shall be the preferred source for furnished energy*  
22 *for the Medical Center.*

23 (b) *WAIVER FOR NATIONAL SECURITY INTERESTS.*—  
24 *Subsection (a) shall not apply if the Secretary of Defense*  
25 *certifies to the congressional defense committees that a*



1 *waiver of such subsection is necessary to protect the na-*  
2 *tional security interests of the United States.*

3 (c) *DEFINITION.*—*In this section, the term “furnished*  
4 *energy” means energy furnished to the Medical Center in*  
5 *any form and for any purpose, including heating, cooling,*  
6 *and electricity.*

7 (d) *EFFECTIVE DATE.*—*This section shall take effect*  
8 *on the date of the enactment of this Act.*

9 **SEC. 2808. TREATMENT OF LEASES OF NON-EXCESS PROP-**  
10 **ERTY ENTERED INTO WITH INSURED DEPOSI-**  
11 **TORY INSTITUTIONS.**

12 *Section 2667 of title 10, United States Code, is amend-*  
13 *ed —*

14 (1) *in subsection (b)(4), by striking “amount*  
15 *that” and inserting “amount that, except as provided*  
16 *in subsection (c)(4),”; and*

17 (2) *in subsection (c), by adding at the end the*  
18 *following new paragraph:*

19 “(4)(A) *With respect to a lease under this section en-*  
20 *tered into with an insured depository institution (as de-*  
21 *finied under section 3 of the Federal Deposit Insurance Act*  
22 *(12 U.S.C. 1813)) after the date of the enactment of the*  
23 *National Defense Authorization Act for Fiscal Year 2019,*  
24 *the Secretary concerned shall accept the financial services*  
25 *provided by the insured depository institution to members*

1 of the armed forces, civilian employees of the Department  
 2 of Defense, and dependents of such members or employees  
 3 as sufficient in-kind consideration to cover all lease, serv-  
 4 ices, and utilities costs assessed with regard to the leased  
 5 property.

6 “(B) With respect to a lease under this section which  
 7 was entered into with an insured depository institution be-  
 8 fore the date of the enactment of the National Defense Au-  
 9 thorization Act for Fiscal Year 2019, the Secretary con-  
 10 cerned may renegotiate the terms of such lease to apply sub-  
 11 paragraph (A) to such lease as if such subparagraph were  
 12 in effect at the time the Secretary entered into the lease.”.

13 ***Subtitle B—Real Property and***  
 14 ***Facilities Administration***

15 ***SEC. 2811. OPTIONAL PARTICIPATION IN COLLECTION OF***  
 16 ***INFORMATION ON UNUTILIZED AND UNDER-***  
 17 ***UTILIZED MILITARY INSTALLATION PROP-***  
 18 ***ERTIES AVAILABLE FOR HOMELESS ASSIST-***  
 19 ***ANCE.***

20 (a) *MAKING PARTICIPATION BY AGENCIES OF DEPART-*  
 21 *MENT OF DEFENSE OPTIONAL.*—Section 501(a) of the  
 22 *McKinney-Vento Homeless Assistance Act (42 U.S.C.*  
 23 *11411(a)) is amended—*

24 (1) *by striking “The Secretary of Housing” and*  
 25 *inserting “(1) The Secretary of Housing”; and*

1           (2) by adding at the end the following new para-  
2           graphs:

3           “(2) The transmittal of information by the head of a  
4           landholding agency of the Department of Defense under this  
5           subsection shall be optional in the case of an excess or sur-  
6           plus building, facility, or property if the Secretary of De-  
7           fense determines that the building, facility, or property—

8                   “(A) would be for off-site use only; or

9                   “(B) is located on an active military installation  
10           and is not subject to subsection (h).

11           “(3) If the Secretary of Defense makes a determination  
12           under paragraph (2) during a fiscal year, not later than  
13           90 days after the end of that fiscal year, the Secretary of  
14           Defense shall submit a report to the Committees on Armed  
15           Services, Banking, Housing, and Urban Affairs, and Home-  
16           land Security and Governmental Affairs of the Senate and  
17           the Committees on Armed Services, Financial Services, and  
18           Oversight and Government Reform of the House of Rep-  
19           resentatives listing all of the buildings, facilities, and prop-  
20           erties for which the Secretary of Defense made a determina-  
21           tion under paragraph (2) during that fiscal year. The Sec-  
22           retary of Defense shall submit the report in unclassified  
23           form, but may include a classified annex as necessary.”.

1           (b) *EFFECTIVE DATE.*—*The amendment made by sub-*  
2 *section (a) shall apply with respect to fiscal year 2019 and*  
3 *each succeeding fiscal year.*

4 **SEC. 2812. FORCE STRUCTURE PLANS AND INFRASTRUC-**  
5 **TURE CAPABILITIES NECESSARY TO SUPPORT**  
6 **THE FORCE STRUCTURE.**

7           (a) *FORCE STRUCTURE PLANS AND INFRASTRUCTURE*  
8 *CAPABILITIES.*—*Not later than the date on which the budg-*  
9 *et of the President for fiscal year 2021 is submitted to Con-*  
10 *gress pursuant to section 1105 of title 31, United States*  
11 *Code, the Secretary of Defense shall develop and submit to*  
12 *the congressional defense committees the following:*

13                   (1) *A force structure plan for each of the Army,*  
14 *Navy, Air Force, and Marine Corps and the reserve*  
15 *components of each military department that is in-*  
16 *formed by—*

17                           (A) *an assessment by the Secretary of De-*  
18 *fense of the probable threats to the national secu-*  
19 *rity of the United States; and*

20                           (B) *end-strength levels and major military*  
21 *force units (including land force divisions, car-*  
22 *rier and other major combatant vessels, air*  
23 *wings, and other comparable units) authorized*  
24 *in the National Defense Authorization Act for*  
25 *Fiscal Year 2018 (Public Law 115–91).*

1           (2) *A categorical model of installation capabilities*  
2           *required to carry out the force structures plans*  
3           *described in paragraph (1) based on—*

4                   (A) *the infrastructure, real property, and*  
5                   *facilities capabilities required to carry out such*  
6                   *plans; and*

7                   (B) *the current military requirements of the*  
8                   *major military units referred to in subpara-*  
9                   *graph (B) of such paragraph.*

10          (b) *CONSISTENCY.—In developing force structure plans*  
11          *and categorical models of installation capabilities under*  
12          *subsection (a), the Secretary of Defense shall ensure that*  
13          *the infrastructure, real property, and facilities of each of*  
14          *the military departments are categorized and measured in*  
15          *consistent terms so as to facilitate comparisons.*

16          (c) *RELATIONSHIP TO INVENTORY.—Using the infor-*  
17          *mation in the force structure plans and categorical model*  
18          *developed under subsection (a), the Secretary of Defense*  
19          *shall submit to Congress each of the following:*

20                   (1) *An assessment of the requirements necessary*  
21                   *for carrying out the force structure plans compared to*  
22                   *existing infrastructure, real property, and facilities*  
23                   *capabilities, as documented in the records maintained*  
24                   *under section 2721 of title 10, United States Code.*

1           (2) *An identification of any deficit or surplus*  
 2           *capability in such infrastructure, real property, and*  
 3           *facilities—*

4                   (A) *for each military department; and*

5                   (B) *for locations within the continental*  
 6           *United States and territories.*

7   **SEC. 2813. RETROFITTING EXISTING WINDOWS IN MILITARY**  
 8                   **FAMILY HOUSING UNITS TO BE EQUIPPED**  
 9                   **WITH FALL PREVENTION DEVICES.**

10           (a) *AUTHORIZING FUNDING FOR RETROFITTING OR*  
 11           *REPLACING WINDOWS.—Section 2879 of title 10, United*  
 12           *States Code, as added by section 2817(a) of the National*  
 13           *Defense Authorization Act for Fiscal Year 2018 (131 Stat.*  
 14           *1851) is amended—*

15                   (1) *in subsection (a)(1), by striking “subsection*  
 16                   *(b)” and inserting “subsection (c)”;*

17                   (2) *by redesignating subsections (b) and (c) as*  
 18                   *subsections (c) and (d); and*

19                   (3) *by inserting after subsection (a) the following*  
 20                   *new subsection:*

21                   “(b) *RETROFITTING OR REPLACING EXISTING WIN-*  
 22                   *DOWS.—*

23                           “(1) *PROGRAM TO RETROFIT EXISTING WIN-*  
 24                   *DOWS.—The Secretary concerned shall carry out a*  
 25                   *program under which, in military family housing*

1        *units acquired or constructed under this chapter*  
2        *which are not subject to the requirements of subsection*  
3        *(a), windows which are described in subsection (c),*  
4        *including windows designed for emergency escape or*  
5        *rescue, are retrofitted to be equipped with fall preven-*  
6        *tion devices described in paragraph (1) of subsection*  
7        *(a) or are replaced with windows which are equipped*  
8        *with fall prevention devices described in such para-*  
9        *graph.*

10            *“(2) GRANTS.—The Secretary concerned may*  
11        *carry out the program under this subsection by mak-*  
12        *ing grants to private entities to retrofit or replace ex-*  
13        *isting windows, in accordance with such criteria as*  
14        *the Secretary may establish by regulation.*

15            *“(3) USE OF OPERATIONS FUNDING.—The Sec-*  
16        *retary may carry out the program under this sub-*  
17        *section during a fiscal year with amounts made*  
18        *available to the Secretary for family housing oper-*  
19        *ations for such fiscal year.”.*

20            *(b) EFFECTIVE DATE.—The amendments made by this*  
21        *section shall apply with respect to fiscal year 2019 and each*  
22        *succeeding fiscal year.*

1 **SEC. 2814. UPDATING PROHIBITION ON USE OF CERTAIN**  
 2 **ASSESSMENT OF PUBLIC SCHOOLS ON DE-**  
 3 **PARTMENT OF DEFENSE INSTALLATIONS TO**  
 4 **SUPERSEDE FUNDING OF CERTAIN**  
 5 **PROJECTS.**

6 (a) *UPDATE.*—Paragraph (3) of section 2814(a) of the  
 7 *National Defense Authorization Act for Fiscal Year 2017*  
 8 *(Public Law 114–328; 130 Stat. 2717)*, as added by section  
 9 *2818(a) of the National Defense Authorization Act for Fis-*  
 10 *cal Year 2018 (Public Law 115–91; 131 Stat. 1852)*, is  
 11 *amended by striking “33 projects” and inserting “38*  
 12 *projects”.*

13 (b) *EFFECTIVE DATE.*—The amendment made by sub-  
 14 *section (a) shall take effect as if included in the enactment*  
 15 *of the National Defense Authorization Act for Fiscal Year*  
 16 *2018.*

17 ***Subtitle C—Land Conveyances***

18 **SEC. 2821. AUTHORITY FOR TRANSFER OF ADMINISTRATIVE**  
 19 **JURISDICTION OVER CERTAIN LANDS, MA-**  
 20 **RINE CORPS AIR GROUND COMBAT CENTER**  
 21 **TWENTYNINE PALMS, CALIFORNIA, AND MA-**  
 22 **RINE CORPS AIR STATION YUMA, ARIZONA.**

23 (a) *MARINE CORPS AIR GROUND COMBAT CENTER*  
 24 *TWENTYNINE PALMS, CALIFORNIA.*—

25 (1) *AUTHORITY FOR TRANSFER.*—Subject to  
 26 *paragraph (2), the Secretary of the Navy may trans-*



1        *fer to the Secretary of the Interior, at no cost, admin-*  
2        *istrative jurisdiction of approximately 2,105 acres of*  
3        *non-contiguous parcels of land within the Shared Use*  
4        *Area of the Marine Corps Air Ground Combat Center*  
5        *Twentynine Palms, California.*

6            (2) *CONDITION FOR TRANSFER.—The Secretary*  
7        *of the Navy may carry out the transfer under this*  
8        *subsection only if the Secretary of the Navy and the*  
9        *Secretary of the Interior each determine that the*  
10       *transfer is in the public interest and will be for the*  
11       *benefit of the Department of the Navy and the De-*  
12       *partment of the Interior, respectively.*

13           (3) *STATUS OF LAND AFTER TRANSFER.—Upon*  
14       *completion of the transfer under this subsection, the*  
15       *land over which the Secretary of the Interior obtains*  
16       *administrative jurisdiction shall become public land*  
17       *withdrawn and reserved under section 2941 of the*  
18       *National Defense Authorization Act for Fiscal Year*  
19       *2014 (Public Law 113–66; 127 Stat. 1034), and shall*  
20       *be managed in accordance with section 2942(b)(1) of*  
21       *such Act (Public Law 113–66; 127 Stat. 1036), in the*  
22       *same manner as other lands in the Shared Use Area.*

23           (4) *SHARED USE AREA DEFINED.—In this sub-*  
24       *section, the term “Shared Use Area” means the area*  
25       *described in section 2941(b)(2) of the National De-*

1 *fense Authorization Act for Fiscal Year 2014 (Public*  
2 *Law 113–66; 127 Stat. 1035).*

3 *(b) MARINE CORPS AIR STATION YUMA, ARIZONA.—*

4 *(1) AUTHORITY FOR TRANSFER.—Subject to*  
5 *paragraph (2), the Secretary of the Interior may*  
6 *transfer to the Secretary of the Navy, at no cost, ad-*  
7 *ministrative jurisdiction of approximately 256 acres*  
8 *of non-contiguous parcels of land within Marine*  
9 *Corps Air Station Yuma, Arizona which are used by*  
10 *the Department of the Navy as of the day before the*  
11 *date of the enactment of this Act pursuant to any of*  
12 *the following authorities:*

13 *(A) Public Land Order Number 2766 of Au-*  
14 *gust 28, 1962.*

15 *(B) Expired Public Land Order Number*  
16 *6804 of October 16, 1990.*

17 *(C) Memorandum of Understanding Num-*  
18 *ber 14-06-300-1266 of July 5, 1962, between the*  
19 *Department of the Interior and the Department*  
20 *of the Navy.*

21 *(2) CONDITION FOR TRANSFER.—The Secretary*  
22 *of the Interior may carry out the transfer under this*  
23 *subsection only if the Secretary of the Interior and*  
24 *the Secretary of the Navy each determine that the*  
25 *transfer is in the public interest and will be for the*

1 *benefit of the Department of the Interior and the De-*  
2 *partment of the Navy, respectively.*

3 (3) *WITHDRAWAL OF LAND AFTER TRANSFER.—*

4 *Upon completion of the transfer under this subsection,*  
5 *the land over which the Secretary of the Navy obtains*  
6 *administrative jurisdiction—*

7 (A) *shall cease to be public land; and*

8 (B) *for as long as the land is under the ad-*  
9 *ministrative jurisdiction of the Secretary of the*  
10 *Navy or the Secretary of any other military de-*  
11 *partment, shall be withdrawn from all forms of*  
12 *entry, appropriation, or disposal under the pub-*  
13 *lic land laws, from location, entry, and patent*  
14 *under the mining laws, and from disposition*  
15 *under all laws relating to mineral interests and*  
16 *to mineral and geothermal leasing.*

17 **SEC. 2822. PUBLIC INVENTORY OF GUAM LAND PARCELS**  
18 **FOR TRANSFER TO GOVERNMENT OF GUAM.**

19 (a) *NET-NEGATIVE INVENTORY OF LAND PARCELS.—*

20 (1) *MAINTENANCE AND UPDATE OF INVEN-*  
21 *TORY.—The Secretary of the Navy shall maintain*  
22 *and update regularly an inventory of all land parcels*  
23 *located on Guam which meet each of the following*  
24 *conditions:*

1           (A) *The parcels are currently owned by the*  
2 *United States Government and are under the ad-*  
3 *ministrative jurisdiction of the Department of*  
4 *the Navy.*

5           (B) *The Secretary has determined or expects*  
6 *to determine the parcels to be excess to the needs*  
7 *of the Department of the Navy.*

8           (C) *Under Federal law, including Public*  
9 *Law 106–504 (commonly known as the “Guam*  
10 *Omnibus Opportunities Act”;* 40 U.S.C. 521  
11 *note), the parcels are eligible to be transferred to*  
12 *the territorial government.*

13       (2) *INFORMATION REQUIRED.—For each parcel*  
14 *included in the inventory under paragraph (1), the*  
15 *Secretary shall specify—*

16           (A) *the approximate size of the parcel;*

17           (B) *an estimate of the fair market value of*  
18 *the parcel, if available or as practicable;*

19           (C) *the date on which the Secretary deter-*  
20 *mined, or the date by which the Secretary ex-*  
21 *pects to determine, that the parcel is excess and*  
22 *made eligible for transfer to the territorial gov-*  
23 *ernment; and*

24           (D) *the citation of the specific legal author-*  
25 *ity (including the Guam Omnibus Opportunities*

1           *Act) under which the Secretary will transfer the*  
2           *parcel to the territorial government or otherwise*  
3           *dispose of the parcel.*

4           ***(b) PARCELS REQUIRED TO BE INCLUDED.—The Sec-***  
5           ***retary shall include in the inventory under this section each***  
6           ***of the following parcels, as described in the 2017 Net Nega-***  
7           ***tive Report:***

8                   ***(1) The Tanguisson Power Plant (5 acres), listed***  
9                   ***as Site 14 in the Report.***

10                   ***(2) The Harmon Substation Annex (9.9 acres),***  
11                   ***listed as Site 15 in the Report.***

12                   ***(3) The Piti Power Plant and Substation (15.5***  
13                   ***acres), listed as Site 38 in the Report.***

14                   ***(4) Apra Heights Lot 403–1 (0.5 acres), listed as***  
15                   ***Site 55 in the Report.***

16                   ***(5) The Agana Power Plant and Substation (5.9***  
17                   ***acres), listed as Site 54 in the Report.***

18                   ***(6) The ACEORP Maui Tunnel-Tamuning***  
19                   ***Route 1 behind Old Telex (3.7 acres), listed as Site***  
20                   ***23 in the Report.***

21                   ***(7) The Parcel South of Camp Covington, Parcel***  
22                   ***7 (60.8 acres), listed as Site 49 in the Report.***

23                   ***(8) The NCTS Beach Lot, adjacent to the***  
24                   ***Tanguisson Power Plant (13.3 acres), listed as Site***  
25                   ***13 in the Report.***

1           (9) *The Hoover Park Annex (also known as “Old*  
2           *USO Beach”*; 6 acres), listed as Site 37 in the Report.

3           (10) *Parcel “C” Marbo Cave Annex (5 acres),*  
4           *listed as Site 12 in the Report.*

5           (c) *INCLUSION OF ADDITIONAL PARCELS IN INVEN-*  
6           *TORY.—*

7           (1) *REQUEST BY GOVERNOR.—The Governor of*  
8           *the territory of Guam may submit a request to the*  
9           *Secretary to add parcels to the inventory maintained*  
10          *under subsection (a), and shall specify in any such*  
11          *request any public benefit uses or public purposes*  
12          *proposed by the Governor for the parcel involved, pur-*  
13          *suant to the Guam Omnibus Opportunities Act or*  
14          *any other relevant Federal law.*

15          (2) *CONSIDERATION BY SECRETARY.—Not later*  
16          *than 180 days of receipt of a request from the Gov-*  
17          *ernor under paragraph (1), the Secretary shall review*  
18          *the request and provide a response in writing to the*  
19          *Governor as to whether the Secretary will agree to the*  
20          *request to include the specific land parcel in the in-*  
21          *ventory maintained under subsection (a). If the Sec-*  
22          *retary denies the request, the Secretary shall provide*  
23          *a detailed written justification to the Governor that*  
24          *explains the continuing military need for the parcel,*

1        *if any, and the date on which the Secretary expects*  
2        *that military need to cease, if ever.*

3        *(d) EXCLUSION OF PARCELS.—The Secretary shall not*  
4        *include in the inventory maintained under this section any*  
5        *parcel transferred to the government of Guam prior to the*  
6        *date of the enactment of this Act, without regard to whether*  
7        *or not the parcel is included in the inventory under sub-*  
8        *section (b).*

9        *(e) PUBLIC NOTIFICATION.—The Secretary shall pub-*  
10       *lish and update on a public website of the United States*  
11       *Government the following information:*

12            *(1) The inventory maintained under subsection*  
13        *(a), including the parcels required to be included in*  
14        *such inventory under subsection (b).*

15            *(2) All requests submitted by the Governor under*  
16        *subsection (c), including any proposed public benefit*  
17        *use or public purpose specified in any such request.*

18            *(3) A copy of each response provided by the Sec-*  
19        *retary to each request submitted by the Governor*  
20        *under subsection (c).*

21            *(4) A description of each parcel of land trans-*  
22        *ferred by the Secretary to the territorial government*  
23        *after January 20, 2011, including the following:*

24            *(A) The approximate size of the parcel.*

1           (B) *An estimate of the fair market value of*  
2           *the parcel, if available or as practicable.*

3           (C) *The specific legal authority under which*  
4           *the Secretary transferred the parcel to the terri-*  
5           *torial government.*

6           (D) *The date the parcel was transferred to*  
7           *the territorial government.*

8           (f) *DEFINITIONS.—In this section, the following defini-*  
9           *tions apply:*

10           (1) *2017 NET NEGATIVE REPORT.—The term*  
11           *“2017 Net Negative Report” means the report sub-*  
12           *mitted by the Secretary of the Navy, on behalf of the*  
13           *Secretary of Defense, under section 2208 of the Na-*  
14           *tional Defense Authorization Act for Fiscal Year 2017*  
15           *(Public Law 114–328; 130 Stat. 2695) regarding the*  
16           *status of the implementation of the “net negative”*  
17           *policy regarding the total number of acres of the real*  
18           *property controlled by the Department of the Navy or*  
19           *the Department of Defense on Guam.*

20           (2) *GOVERNOR.—The term “Governor” means*  
21           *the Governor of the territory of Guam.*

22           (3) *SECRETARY.—The term “Secretary” means*  
23           *the Secretary of the Navy.*

24           (4) *TERRITORIAL GOVERNMENT.—The term “ter-*  
25           *ritorial government” means the government of Guam*



1       *established under the Organic Act of Guam (48*  
2       *U.S.C. 1421 et seq.).*

3   **SEC. 2823. LAND CONVEYANCE, NAVAL ACADEMY DAIRY**  
4                   **FARM, GAMBRILLS, MARYLAND.**

5       *(a) CONVEYANCE AUTHORIZED.—Notwithstanding sec-*  
6       *tion 6976 of title 10, United States Code, the Secretary of*  
7       *the Navy may convey and release to Anne Arundel County,*  
8       *Maryland (in this section referred to as the “County”) all*  
9       *right, title, and interest of the United States in and to the*  
10       *real property, including any improvements thereon, con-*  
11       *sisting of approximately 40 acres at the property commonly*  
12       *referred to as the Naval Academy dairy farm located in*  
13       *Gambrills, Maryland (in this section referred to as the*  
14       *“Dairy Farm”).*

15       *(b) CONSIDERATION.—*

16               *(1) CONSIDERATION REQUIRED.—As consider-*  
17       *ation for the conveyance and release under subsection*  
18       *(a), the County shall provide an amount that is*  
19       *equivalent to the fair market value to the Department*  
20       *of the Navy of the right, title, and interest conveyed*  
21       *and released under such subsection, based on an ap-*  
22       *praisal approved by the Secretary of the Navy. The*  
23       *consideration under this paragraph may be provided*  
24       *by cash payment, in-kind consideration, or a com-*

1        *ination thereof, at such time as the Secretary may*  
2        *require.*

3            (2) *IN-KIND CONSIDERATION.—In-kind consider-*  
4        *ation provided by the County under paragraph (1)*  
5        *may include the acquisition, construction, provision,*  
6        *improvement, maintenance, repair, or restoration (in-*  
7        *cluding environmental restoration), or combination*  
8        *thereof, of any facility, real property, or infrastruc-*  
9        *ture under the jurisdiction of the Secretary.*

10           (3) *TREATMENT OF CONSIDERATION RE-*  
11        *CEIVED.—Consideration in the form of cash payment*  
12        *received by the Secretary under paragraph (1) shall*  
13        *be retained by the Superintendent of the Naval Acad-*  
14        *emy and shall be available to cover expenses related*  
15        *to the Dairy Farm, including reimbursing non-*  
16        *appropriated fund instrumentalities of the Naval*  
17        *Academy.*

18           (c) *PAYMENT OF COST OF CONVEYANCE AND RE-*  
19        *LEASE.—*

20           (1) *PAYMENT REQUIRED.—The Secretary of the*  
21        *Navy shall require the County to pay costs to be in-*  
22        *curring by the Secretary, or to reimburse the Secretary*  
23        *for such costs incurred by the Secretary, to carry out*  
24        *the conveyance and release under subsection (a), in-*  
25        *cluding survey costs, appraisal costs, costs for envi-*

1        *ronmental documentation related to the conveyance*  
2        *and release, and any other administrative costs re-*  
3        *lated to the conveyance and release. If amounts are*  
4        *collected from the County in advance of the Secretary*  
5        *incurring the actual costs, and the amount collected*  
6        *exceeds the costs actually incurred by the Secretary to*  
7        *carry out the conveyance and release or any costs in-*  
8        *curring by the Secretary to administer the County's*  
9        *lease of the Dairy Farm, the Secretary shall refund*  
10       *the excess amount to the County.*

11            (2) *TREATMENT OF AMOUNTS RECEIVED.—*  
12        *Amounts received as reimbursement under paragraph*  
13        *(1) shall be credited to the fund or account that was*  
14        *used to pay the costs incurred by the Secretary in*  
15        *carrying out the conveyance and release under sub-*  
16        *section (a) or, if the period of availability of obliga-*  
17        *tions for that appropriation has expired, to the ap-*  
18        *propriations of fund that is currently available to the*  
19        *Secretary for the same purpose. Amounts so credited*  
20        *shall be merged with amounts in such fund or account*  
21        *and shall be available for the same purposes, and sub-*  
22        *ject to the same conditions and limitations, as*  
23        *amounts in such fund or account.*

24            (d) *DESCRIPTION OF PROPERTY.—The exact acreage*  
25        *and legal description of the property which is subject to con-*

1 *veyance and release under subsection (a) shall be deter-*  
 2 *mined by a survey satisfactory to the Secretary of the Navy.*

3 *(e) ADDITIONAL TERMS AND CONDITIONS.—The Sec-*  
 4 *retary of the Navy may require such additional terms and*  
 5 *conditions in connection with the conveyance and release*  
 6 *under subsection (a) as the Secretary considers appropriate*  
 7 *to protect the interests of the United States.*

8 *(f) NO EFFECT ON EXISTING LEASES GOVERNING*  
 9 *PROPERTY NOT SUBJECT TO CONVEYANCE.—Nothing in*  
 10 *this section or in any conveyance and release carried out*  
 11 *pursuant to this section may be construed to affect the*  
 12 *terms, conditions, or applicability of any existing agree-*  
 13 *ment entered into between the Country and the Secretary*  
 14 *of the Navy which governs the use of any portion of the*  
 15 *Dairy Farm which is not subject to conveyance and release*  
 16 *under this section.*

17 **SEC. 2824. TECHNICAL CORRECTION OF DESCRIPTION OF**

18 **LIMESTONE HILLS TRAINING AREA LAND**

19 **WITHDRAWAL AND RESERVATION, MONTANA.**

20 *Section 2931(b) of the Military Construction Author-*  
 21 *ization Act for Fiscal Year 2014 (division B of Public Law*  
 22 *113–66; 127 Stat. 1031) is amended by striking “18,644*  
 23 *acres” and all that follows through “April 10, 2013” and*  
 24 *inserting the following: “18,964 acres in Broadwater Coun-*  
 25 *ty, Montana, generally depicted as ‘Limestone Hills Train-*

1 *ing Area Land Withdrawal’ on the map entitled ‘Limestone*  
2 *Hills Training Area Land Withdrawal’, dated May 11,*  
3 *2017”.*

4 **SEC. 2825. LAND CONVEYANCE, WASATCH-CACHE NATIONAL**  
5 **FOREST, RICH COUNTY, UTAH.**

6 (a) *LAND CONVEYANCE AUTHORIZED.*—Subject to  
7 *valid existing rights, not later than 6 months after the date*  
8 *of the enactment of this section, the Secretary of Agriculture*  
9 *shall convey, without consideration, to the Utah State Uni-*  
10 *versity Research Foundation, (in this section referred to as*  
11 *the “Foundation”)* all right, title, and interest of the United  
12 States in and to a parcel of real property consisting of ap-  
13 proximately 80 acres, including improvements thereon, lo-  
14 cated outside of the boundaries of the Wasatch-Cache Na-  
15 tional Forest, Rich County, Utah, within Sections 19 and  
16 30, Township 14 North, Range 5 East, Salt Lake Base and  
17 Meridian for the purpose of permitting the Foundation to  
18 use the property for scientific and educational purposes.

19 (b) *REVERSIONARY INTEREST.*—If the Secretary of Ag-  
20 riculture determines at any time that the real property con-  
21 veyed under subsection (a) is not being used in accordance  
22 with the purpose of the conveyance specified in such sub-  
23 section, all right, title and interest in and to such real prop-  
24 erty, including any improvements thereto, shall, at the op-  
25 tion of the Secretary, revert to and become the property of

1 *the United States, and the United States shall have the*  
2 *right of immediate entry onto such real property. A deter-*  
3 *mination by the Secretary under this subsection shall be*  
4 *made on the record after an opportunity for a hearing.*

5 *(c) PAYMENT OF COSTS OF CONVEYANCE.—*

6 *(1) PAYMENT REQUIRED.—The Secretary of Ag-*  
7 *riculture shall require the Foundation to cover the*  
8 *costs (except any costs for environmental remediation*  
9 *of the property) to be incurred by the Secretary, or*  
10 *to reimburse the Secretary for such costs incurred by*  
11 *the Secretary, to carry out the conveyance under sub-*  
12 *section (a), including survey costs, costs for environ-*  
13 *mental documentation, and any other administrative*  
14 *costs related to the conveyance. If amounts are col-*  
15 *lected from the Foundation in advance of the Sec-*  
16 *retary incurring the actual costs, and the amount col-*  
17 *lected exceeds the costs actually incurred by the Sec-*  
18 *retary to carry out the conveyance, the Secretary shall*  
19 *refund the excess amount to the Foundation.*

20 *(2) TREATMENT OF AMOUNTS RECEIVED.—*

21 *Amounts received as reimbursement under paragraph*  
22 *(1) shall be credited to the fund or account that was*  
23 *used to cover those costs incurred by the Secretary in*  
24 *carrying out the conveyance. Amounts so credited*  
25 *shall be merged with amounts in such fund or ac-*

1        *count, and shall be available for the same purposes,*  
 2        *and subject to the same conditions and limitations, as*  
 3        *amounts in such fund or account.*

4        *(d) DESCRIPTION OF PROPERTY.—The exact acreage*  
 5        *and legal description of the property to be conveyed under*  
 6        *subsection (a) shall be determined by a survey satisfactory*  
 7        *to the Secretary of Agriculture.*

8        *(e) ADDITIONAL TERMS AND CONDITIONS.—The Sec-*  
 9        *retary of Agriculture may require such additional terms*  
 10       *and conditions in connection with the conveyance under*  
 11       *subsection (a) as the Secretary considers appropriate to*  
 12       *protect the interests of the United States.*

13                    ***Subtitle D—Military Land***  
 14                    ***Withdrawals***

15        ***SEC. 2831. INDEFINITE DURATION OF CERTAIN MILITARY***  
 16                    ***LAND WITHDRAWALS AND RESERVATIONS***  
 17                    ***AND IMPROVED MANAGEMENT OF WITH-***  
 18                    ***DRAWN AND RESERVED LANDS.***

19        *(a) IMPROVING MANAGEMENT OF CURRENT STATU-*  
 20        *TORY LAND WITHDRAWALS AND RESERVATIONS AND MAK-*  
 21        *ING MANAGEMENT MORE TRANSPARENT.—*

22                    *(1) ROLE OF SECRETARY OF THE INTERIOR.—*  
 23        *Section 101(a)(2) of the Sikes Act (16 U.S.C.*  
 24        *670a(a)(2)) is amended by striking “, acting through*

1       *the Director of the United States Fish and Wildlife*  
2       *Service,”.*

3               (2) *ADDITIONAL ELEMENT OF INTEGRATED NAT-*  
4       *URAL RESOURCES MANAGEMENT PLAN.—Section*  
5       *101(b) of the Sikes Act (16 U.S.C. 670a(b)) is amend-*  
6       *ed—*

7               (A) *by striking “and” at the end of para-*  
8       *graph (2);*

9               (B) *by redesignating paragraph (3) as*  
10       *paragraph (4); and*

11              (C) *by inserting after paragraph (2) the fol-*  
12       *lowing new paragraph:*

13              “(3) *for purposes of paragraph (2), shall be re-*  
14       *viewed—*

15              “(A) *jointly by the Secretary of the military*  
16       *department and the Secretary of the Interior;*  
17       *and*

18              “(B) *in a manner that provides affected*  
19       *States and Indian tribes and the public a mean-*  
20       *ingful opportunity to comment on any signifi-*  
21       *cant revisions to the plan that may be proposed;*  
22       *and”.*

23       (b) *EL CENTRO NAVAL AIR FACILITY RANGES.—*

24              (1) *ELIMINATION OF TERMINATION DATE AND*  
25       *CONFORMING AMENDMENTS.—The El Centro Naval*



1 *Air Facility Ranges Withdrawal Act (subtitle B of*  
 2 *title XXIX of Public Law 104–201; 110 Stat. 2813)*  
 3 *is amended—*

4 (A) *in section 2921(b)(3), by striking “, be-*  
 5 *fore the termination date specified in section*  
 6 *2925,”;*

7 (B) *in section 2924(a), by striking the third*  
 8 *sentence;*

9 (C) *by striking sections 2925 and 2927; and*

10 (D) *in section 2928(a), by striking “speci-*  
 11 *fied in section 2925”.*

12 (2) *DETERMINATION OF CONTINUING MILITARY*  
 13 *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
 14 *LIC REPORTS.—The El Centro Naval Air Facility*  
 15 *Ranges Withdrawal Act (subtitle B of title XXIX of*  
 16 *Public Law 104–201; 110 Stat. 2813) is further*  
 17 *amended by inserting after section 2926 the following*  
 18 *new section:*

19 **“SEC. 2927. DETERMINATION OF CONTINUING MILITARY**  
 20 **NEED FOR WITHDRAWAL AND RESERVATION**  
 21 **AND PUBLIC REPORTS.**

22 **“(a) PUBLIC REPORTS.—**

23 **“(1) CHANGES IN LAND CONDITIONS.—(A) Con-**  
 24 **current with each review as to operation and effect of**  
 25 **an integrated natural resources management plan**

1     *covering lands withdrawn and reserved under this*  
2     *title, as required by section 101(b)(2) of the Sikes Act*  
3     *(16 U.S.C. 670a(b)(2)), the Secretary of the Navy and*  
4     *the Secretary of the Interior shall jointly prepare and*  
5     *issue a report describing any changes in the condition*  
6     *of the lands withdrawn and reserved under this sub-*  
7     *title since the later of the date of any previous report*  
8     *under this paragraph or the date of the environ-*  
9     *mental analysis prepared to support the actions that*  
10    *changed the condition of the lands.*

11            “(B) A report under subparagraph (A) shall in-  
12    *clude a summary of current military use of the lands*  
13    *withdrawn and reserved under this subtitle, any*  
14    *changes in military use of the lands since the pre-*  
15    *vious report, and efforts related to the management of*  
16    *natural and cultural resources and environmental re-*  
17    *mediation of the lands during the previous five years.*

18            “(2) COMBINATION WITH OTHER REPORTS.—A  
19    *report under this subsection may be combined with,*  
20    *or incorporate by reference, any contemporary report*  
21    *required by any other provision of law regarding the*  
22    *lands withdrawn and reserved under this subtitle.*

23            “(3) PUBLIC REVIEW AND COMMENT.—(A) Before  
24    *the finalization of a report under this subsection, the*  
25    *Secretary of the Navy and the Secretary of the Inte-*

1        *rior shall invite interested members of the public to*  
2        *review and comment on the report, and shall hold at*  
3        *least one public meeting concerning the report in a lo-*  
4        *cation or locations reasonably accessible to persons*  
5        *who may be affected by management of the lands*  
6        *withdrawn and reserved under this subtitle.*

7                *“(B) Each public meeting under subparagraph*  
8        *(A) shall be announced not less than 15 days before*  
9        *the date of the meeting by advertisements in local*  
10        *newspapers of general circulation, notices on the*  
11        *internet, including the website of El Centro, and any*  
12        *other means considered necessary or desirable by the*  
13        *Secretaries.*

14                *“(4) DISTRIBUTION OF REPORT.—The Secretary*  
15        *of the Navy shall make the final version of a report*  
16        *under this subsection available to the public and shall*  
17        *submit the final version of such a report to the Com-*  
18        *mittees on Armed Services and Energy and Natural*  
19        *Resources of the Senate and the Committees on Armed*  
20        *Services and Natural Resources of the House of Rep-*  
21        *resentatives.*

22                *“(b) DETERMINATION OF CONTINUING MILITARY*  
23        *NEED.—With each report prepared pursuant to subsection*  
24        *(a), the Secretary of the Navy shall attach the Secretary’s*  
25        *determination regarding whether there will be a continuing*

1 *military need for any or all the withdrawn and reserved*  
 2 *lands for the following 5 years.”.*

3 (3) *CLERICAL AMENDMENTS.—The table of con-*  
 4 *tents of the El Centro Naval Air Facility Ranges*  
 5 *Withdrawal Act (subtitle B of title XXIX of Public*  
 6 *Law 104-201; 110 Stat. 2813) is amended—*

7 (A) *by striking the item relating to section*  
 8 *2925; and*

9 (B) *by amending the item relating to sec-*  
 10 *tion 2927 to read as follows:*

*“Sec. 2927. Determination of continuing military need for withdrawal and res-*  
*ervation and public reports.”.*

11 (c) *JUNIPER BUTTE RANGE.—*

12 (1) *ELIMINATION OF TERMINATION DATE AND*  
 13 *CONFORMING AMENDMENTS.—The Juniper Butte*  
 14 *Range Withdrawal Act (title XXIX of Public Law*  
 15 *105-261; 112 Stat. 2226) is amended—*

16 (A) *in section 2915—*

17 (i) *in the section heading, by striking*  
 18 *“**Duration**” and inserting “**Relin-***  
 19 ***quishment**”;*

20 (ii) *in subsection (a), by striking*  
 21 *“TERMINATION.—” and all that follows*  
 22 *through “At the time of termination” and*  
 23 *inserting “EFFECT OF RELINQUISHMENT*  
 24 *ON OPERATION OF GENERAL LAND LAWS.—*

1           *Upon relinquishment of Department of the*  
2           *Air Force jurisdiction over lands with-*  
3           *drawn and reserved by this title”;*

4           *(iii) in subsection (b)—*

5           *(I) in the subsection heading, by*  
6           *inserting “PROCESS” after “RELIN-*  
7           *QUISHMENT”;*

8           *(II) in paragraph (1), by striking*  
9           *“under subsection (c)”;* and

10           *(III) in paragraph (3), by strik-*  
11           *ing “before the date of termination, as*  
12           *provided for in subsection (a)(1)”;* and

13           *(iv) by striking subsection (c); and*

14           *(B) in section 2916—*

15           *(i) in the section heading, by striking*  
16           ***“or upon termination of with-***  
17           ***drawal”;***

18           *(ii) in subsection (a)(1), by striking*  
19           *“and in all cases not later than 2 years be-*  
20           *fore the date of termination of withdrawal*  
21           *and reservation,”;*

22           *(iii) in subsection (b), by striking “en-*  
23           *vironmental remediation” and all that fol-*  
24           *lows through the end of the subsection and*  
25           *inserting “environmental remediation before*

1           *relinquishing, to the Secretary of the Inte-*  
 2           *rior, jurisdiction over any lands identified*  
 3           *in a notice of intent to relinquish under sec-*  
 4           *tion 2915(b).”; and*

5           *(iv) in subsection (d)—*

6                   *(I) in the subsection heading, by*  
 7                   *striking “TERMINATES” and inserting*  
 8                   *“RELINQUISHED”;*

9                   *(II) by striking “termination*  
 10                   *date” both places it appears and in-*  
 11                   *serting “relinquishment date”; and*

12                   *(III) in paragraph (2), by strik-*  
 13                   *ing “termination” and inserting “re-*  
 14                   *linquishment”.*

15           (2) *DETERMINATIONS OF CONTINUING MILITARY*  
 16           *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
 17           *LIC REPORTS.—Section 2909 of the Juniper Butte*  
 18           *Range Withdrawal Act (title XXIX of Public Law*  
 19           *105–261; 112 Stat. 2230) is amended by adding at*  
 20           *the end the following new subsection:*

21           “(d) *PUBLIC REPORTS.—*

22                   “(1) *CHANGES IN LAND CONDITIONS.—(A) Con-*  
 23                   *current with each review of an integrated natural re-*  
 24                   *sources management plan developed under this sec-*  
 25                   *tion, the Secretary of the Air Force and the Secretary*

1 *of the Interior shall jointly prepare and issue a report*  
2 *describing any changes in the condition of the lands*  
3 *withdrawn and reserved by this title since the later*  
4 *of the date of any previous report under this para-*  
5 *graph or the date of the environmental analysis pre-*  
6 *pared to support the actions that changed the condi-*  
7 *tion of the lands.*

8 *“(B) A report under subparagraph (A) shall in-*  
9 *clude a summary of current military use of the lands*  
10 *withdrawn and reserved by this title, any changes in*  
11 *military use of the lands since the previous report,*  
12 *and efforts related to the management of natural and*  
13 *cultural resources and environmental remediation of*  
14 *the lands during the previous 5 years.*

15 *“(2) COMBINATION WITH OTHER REPORTS.—A*  
16 *report under this subsection may be combined with,*  
17 *or incorporate by reference, any contemporary report*  
18 *required by any other provision of law regarding the*  
19 *lands withdrawn and reserved by this title.*

20 *“(3) PUBLIC REVIEW AND COMMENT.—(A) Before*  
21 *the finalization of a report under this subsection, the*  
22 *Secretary of the Air Force and the Secretary of the*  
23 *Interior shall invite interested members of the public*  
24 *to review and comment on the report, and shall hold*  
25 *at least one public meeting concerning the report in*

1     *a location or locations reasonably accessible to per-*  
2     *sons who may be affected by management of the lands*  
3     *withdrawn and reserved by this title.*

4             *“(B) Each public meeting under subparagraph*  
5     *(A) shall be announced not less than 15 days before*  
6     *the date of the meeting by advertisements in local*  
7     *newspapers of general circulation, notices on the*  
8     *internet, including the website of the Juniper Butte*  
9     *Range (if one exists), and any other means considered*  
10    *necessary or desirable by the Secretaries.*

11            *“(4) DETERMINATION OF CONTINUING MILITARY*  
12    *NEED.—With each report prepared pursuant to this*  
13    *subsection, the Secretary of the Air Force shall attach*  
14    *the Secretary’s determination regarding whether there*  
15    *will be a continuing military need for any or all the*  
16    *withdrawn and reserved lands for the following 5*  
17    *years.*

18            *“(5) DISTRIBUTION OF REPORT.—The Secretary*  
19    *of the Air Force shall make the final version of a re-*  
20    *port under this subsection available to the public and*  
21    *shall submit the final version of such a report to the*  
22    *Committees on Armed Services and Energy and Nat-*  
23    *ural Resources of the Senate and the Committees on*  
24    *Armed Services and Natural Resources of the House*  
25    *of Representatives.”.*



1           (3) *CLERICAL AMENDMENTS.—The table of con-*  
 2           *tents of the Juniper Butte Range Withdrawal Act*  
 3           *(title XXIX of Public Law 105-261; 112 Stat. 2226)*  
 4           *is amended—*

5                     (A) *by amending the item relating to sec-*  
 6                     *tion 2915 to read as follows:*

“*Sec. 2915. Relinquishment of withdrawal.*”; and

7                     (B) *by amending the item relating to sec-*  
 8                     *tion 2916 to read as follows:*

“*Sec. 2916. Environmental remediation of relinquished withdrawn lands.*”.

9           (d) *RANGES COVERED BY SUBTITLE A OF MILITARY*  
 10 *LANDS WITHDRAWAL ACT OF 1999.—*

11                     (1) *ELIMINATION OF TERMINATION DATE AND*  
 12                     *CONFORMING AMENDMENTS.—The Military Lands*  
 13                     *Withdrawal Act of 1999 (title XXX of Public Law*  
 14                     *106-65; 113 Stat. 885) is amended—*

15                     (A) *by striking section 3015;*

16                     (B) *by striking section 3016 and inserting*  
 17                     *the following new section:*

18 **“SEC. 3016. RELINQUISHMENT.**

19                     “(a) *NOTICE OF INTENT REGARDING RELINQUISH-*  
 20 *MENT.—If the Secretary of the military department con-*  
 21 *cerned decides to relinquish all or any of the lands with-*  
 22 *drawn and reserved by section 3011, such Secretary shall*  
 23 *transmit a notice of intent to relinquish such lands to the*  
 24 *Secretary of the Interior.*

1       “(b) *OPENING DATE.*—*On the date of relinquishment*  
2 *of the withdrawal and reservation of lands withdrawn and*  
3 *reserved by section 3011, such lands shall not be open to*  
4 *any form of appropriation under the public land laws, in-*  
5 *cluding the mineral laws and the mineral leasing and geo-*  
6 *thermal leasing laws, until the Secretary of the Interior*  
7 *publishes in the Federal Register an appropriate order stat-*  
8 *ing the date upon which such lands shall be restored to the*  
9 *public domain and opened.”; and*

10                   (C) *in section 3017—*

11                   (i) *by striking “section 3016(d)” each*  
12 *place it appears and inserting “section*  
13 *3016”;* and

14                   (ii) *in subsection (e)—*

15                   (I) *by striking “If because” and*  
16 *everything that follows through “deter-*  
17 *mines that” and inserting “If the Sec-*  
18 *retary of the Interior declines to accept*  
19 *jurisdiction over lands withdrawn by*  
20 *this subtitle which have been proposed*  
21 *for relinquishment because the Sec-*  
22 *retary determines that”;* and

23                   (II) *in paragraph (2), by striking*  
24 *“the expiration of the withdrawal of*

1                    *such lands under this subtitle” and in-*  
2                    *serting “such determination”.*

3                    (2) *ESTABLISHMENT OF INTERGOVERNMENTAL*  
4                    *EXECUTIVE COMMITTEES.—Section 3014 of the Mili-*  
5                    *tary Lands Withdrawal Act of 1999 (title XXX of*  
6                    *Public Law 106–65; 113 Stat. 890) is amended by*  
7                    *adding at the end the following new subsection:*

8                    “(g) *INTERGOVERNMENTAL EXECUTIVE COMMIT-*  
9                    *TEES.—*

10                    “(1) *ESTABLISHMENT AND PURPOSE.—For the*  
11                    *lands withdrawn and reserved by section 3011, the*  
12                    *Secretary of the military department concerned and*  
13                    *the Secretary of the Interior shall establish, by memo-*  
14                    *randum of understanding, an intergovernmental exec-*  
15                    *utive committee for each range for the sole purpose of*  
16                    *exchanging views, information, and advice relating to*  
17                    *the management of the natural and cultural resources*  
18                    *of the withdrawn and reserved lands.*

19                    “(2) *COMPOSITION.—(A) The Secretary of the*  
20                    *military department concerned and the Secretary of*  
21                    *the Interior shall include representatives from inter-*  
22                    *ested Federal agencies as members of the intergovern-*  
23                    *mental executive committee for a range.*

24                    “(B) *The Secretary of the military department*  
25                    *concerned and the Secretary of the Interior shall in-*

1 *vite to serve as members of the intergovernmental ex-*  
2 *ecutive committee for a range—*

3 *“(i) at least one elected officer (or other au-*  
4 *thorized representative) from the government of*  
5 *the State in which the withdrawn and reserved*  
6 *lands are located; and*

7 *“(ii) at least one elected officer (or other au-*  
8 *thorized representative) from each local govern-*  
9 *ment and Indian tribal government in the vicin-*  
10 *ity of the withdrawn and reserved lands, as de-*  
11 *termined by the Secretaries.*

12 *“(3) OPERATION.—The intergovernmental execu-*  
13 *tive committee for a range shall operate in accordance*  
14 *with the terms set forth in the memorandum of under-*  
15 *standing.*

16 *“(4) PROCEDURES.—The memorandum of un-*  
17 *derstanding for a range shall establish procedures for*  
18 *creating a forum for exchanging views, information,*  
19 *and advice relating to the management of natural*  
20 *and cultural resources on the withdrawn and reserved*  
21 *lands, procedures for rotating the chair of the inter-*  
22 *governmental executive committee, and procedures for*  
23 *scheduling regular meetings, which shall occur no less*  
24 *frequently than twice a year.*

1           “(5) *COORDINATOR.*—*The Secretary of the mili-*  
2           *tary department concerned, in consultation with the*  
3           *Secretary of the Interior, shall appoint an individual*  
4           *to serve as coordinator of the intergovernmental execu-*  
5           *utive committee for a range. The duties of the coordi-*  
6           *nator shall be included in the memorandum of under-*  
7           *standing. The coordinator shall not be a member of*  
8           *the committee.”.*

9           (3) *DETERMINATION OF CONTINUING MILITARY*  
10          *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
11          *LIC REPORTS.*—*The Military Lands Withdrawal Act*  
12          *of 1999 (title XXX of Public Law 106–65; 113 Stat.*  
13          *885), as amended by paragraph (1), is further*  
14          *amended by inserting after section 3014 the following*  
15          *new section:*

16        **“SEC. 3015. DETERMINATION OF CONTINUING MILITARY**  
17                                **NEED FOR WITHDRAWAL AND RESERVATION**  
18                                **AND PUBLIC REPORTS.**

19        “(a) *PUBLIC REPORTS.*—

20                “(1) *CHANGES IN LAND CONDITIONS.*—(A) *Con-*  
21                *current with each review as to operation and effect of*  
22                *an integrated natural resources management plan*  
23                *covering lands withdrawn and reserved under this*  
24                *title, as required by section 101(b)(2) of the Sikes Act*  
25                *(16 U.S.C. 670a(b)(2)), the Secretary of the military*

1        *department concerned and the Secretary of the Inte-*  
2        *rior shall jointly prepare and issue a report describ-*  
3        *ing any changes in the condition of the lands with-*  
4        *drawn and reserved under this subtitle since the later*  
5        *of the date of any previous report under this para-*  
6        *graph or the date of the environmental analysis pre-*  
7        *pared to support the actions that changed the condi-*  
8        *tion of the lands.*

9                *“(B) A report under subparagraph (A) shall in-*  
10        *clude a summary of current military use of the lands*  
11        *covered by the plan, any changes in military use of*  
12        *the lands since the previous report, and efforts related*  
13        *to the management of natural and cultural resources*  
14        *and environmental remediation of the lands during*  
15        *the previous five years.*

16                *“(2) COMBINATION WITH OTHER REPORTS.—A*  
17        *report under this subsection may be combined with,*  
18        *or incorporate by reference, any contemporary report*  
19        *required by any other provision of law regarding the*  
20        *lands covered by the integrated natural resources*  
21        *management plan.*

22                *“(3) PUBLIC REVIEW AND COMMENT.—(A) Before*  
23        *the finalization of a report under this subsection, the*  
24        *Secretary of the military department concerned and*  
25        *the Secretary of the Interior shall invite interested*

1 *members of the public to review and comment on the*  
2 *report, and shall hold at least one public meeting con-*  
3 *cerning the report in a location or locations reason-*  
4 *ably accessible to persons who may be affected by*  
5 *management of the lands addressed by the report.*

6 *“(B) Each public meeting under subparagraph*  
7 *(A) shall be announced not less than 15 days before*  
8 *the date of the meeting by advertisements in local*  
9 *newspapers of general circulation, notices on the*  
10 *internet, including the website of the affected military*  
11 *range (if one exists), and any other means considered*  
12 *necessary or desirable by the Secretaries.*

13 *“(4) DISTRIBUTION OF REPORT.—The Secretary*  
14 *of the military department concerned shall make the*  
15 *final version of a report under this subsection avail-*  
16 *able to the public and shall submit the final version*  
17 *of such a report to the Committees on Armed Services*  
18 *and Energy and Natural Resources of the Senate and*  
19 *the Committees on Armed Services and Natural Re-*  
20 *sources of the House of Representatives.*

21 *“(b) DETERMINATION OF CONTINUING MILITARY*  
22 *NEED.—With each report prepared pursuant to subsection*  
23 *(a), the Secretary of the military department concerned*  
24 *shall attach the Secretary’s determination regarding wheth-*  
25 *er there will be a continuing military need for any or all*

1 of the withdrawn and reserved lands for the following 5  
2 years.”.

3 (4) *CLERICAL AMENDMENTS.*—*The table of con-*  
4 *tents of the Military Lands Withdrawal Act of 1999*  
5 *(title XXX of Public Law 106-65; 113 Stat. 885) is*  
6 *amended—*

7 (A) *by amending the item relating to sec-*  
8 *tion 3015 to read as follows:*

“*Sec. 3015. Determination of continuing military need for withdrawal and res-*  
*ervation and public reports.*”; and

9 (B) *by amending the item relating to sec-*  
10 *tion 3016 to read as follows:*

“*Sec. 3016. Relinquishment.*”.

11 (e) *BARRY M. GOLDWATER RANGE.*—

12 (1) *ELIMINATION OF TERMINATION DATE AND*  
13 *CONFORMING AMENDMENTS.*—*Section 3031 of the*  
14 *Military Lands Withdrawal Act of 1999 (title XXX of*  
15 *Public Law 106-65; 113 Stat. 897) is amended—*

16 (A) *in subsection (c)—*

17 (i) *in paragraph (1), by striking “, in-*  
18 *cluding the duration of any renewal or ex-*  
19 *tension”;*

20 (ii) *in paragraph (2)—*

21 (I) *in the paragraph heading, by*  
22 *striking “OR TERMINATION”;* and



1                   (ii) in subparagraph (C), by  
2                   striking the last sentence; and

3                   (iii) in paragraph (3)(A), by striking  
4                   “or termination”; and

5                   (B) in subsection (d), by striking “DURA-  
6                   TION” and all that follows through “of the termi-  
7                   nation” and inserting “EFFECT OF RELIN-  
8                   QUISHMENT ON OPERATION OF GENERAL LAND  
9                   LAWS.—On the date of relinquishment”;

10                  (C) by striking subsection (e); and

11                  (D) in subsection (f)—

12                   (i) in the subsection heading, by strik-  
13                   ing “TERMINATION AND”;

14                   (ii) in paragraph (1), by striking “but  
15                   not later than three years before the termi-  
16                   nation of the withdrawal and reservation,”;

17                   (iii) in paragraph (3), by striking “be-  
18                   fore the termination date of the withdrawal  
19                   and reservation of such lands under this  
20                   section”; and

21                   (iv) in paragraph (4)(A), by striking  
22                   “Notwithstanding the termination date, un-  
23                   less” and inserting “Unless”.

24                  (2) DETERMINATIONS OF CONTINUING MILITARY  
25                  NEED FOR WITHDRAWAL AND RESERVATION.—Section

1       3031 of the Military Lands Withdrawal Act of 1999  
2       (title XXX of Public Law 106–65; 113 Stat. 897), as  
3       amended by paragraph (1), is further amended by in-  
4       serting after subsection (d) the following new sub-  
5       section:

6       “(e) *DETERMINATION OF CONTINUING MILITARY*  
7       *NEED.*—With each report prepared pursuant to subsection  
8       (b)(5), the Secretary of the Navy and the Secretary of the  
9       Air Force shall attach the Secretary’s determination regard-  
10      ing whether there will be a continuing military need for  
11      any or all the withdrawn and reserved lands for the fol-  
12      lowing 5 years.”.

13               (3) *USE OF DEFINITIONS.*—Section 3031(c)(5) of  
14      the Military Lands Withdrawal Act of 1999 (title  
15      XXX of Public Law 106–65; 113 Stat. 907) is amend-  
16      ed by striking subparagraphs (A) and (B) and insert-  
17      ing the following:

18                       “(A) The term ‘military munitions’ has the  
19                       meaning given that term in section 101(e)(4) of  
20                       title 10, United States Code.

21                       “(B) The term ‘unexploded ordnance’ has  
22                       the meaning given that term in section 101(e)(5)  
23                       of such title.”.

24      (f) *NATIONAL TRAINING CENTER.*—

1           (1) *ELIMINATION OF TERMINATION DATE AND*  
2           *CONFORMING AMENDMENTS.*—*The Fort Irwin Mili-*  
3           *tary Land Withdrawal Act of 2001 (title XXIX of*  
4           *Public Law 107–107; 115 Stat. 1335) is amended—*

5                   (A) *in section 2910, by striking the section*  
6                   *heading and all that follows through “At the*  
7                   *time of the termination” and inserting the fol-*  
8                   *lowing:*

9           **“SEC. 2910. EFFECT OF RELINQUISHMENT ON OPERATION**  
10                   **OF GENERAL LAND LAWS.**

11           *“On the date of relinquishment”;*

12                   (B) *by striking section 2911; and*

13                   (C) *in section 2912—*

14                           (i) *in the section heading, by striking*

15                           **“Termination and”;**

16                           (ii) *in subsection (a), by striking*

17                           *“During the first 22 years of the with-*  
18                           *drawal and reservation made by this title,*  
19                           *if” and inserting “If”;*

20                           (iii) *in subsection (c), by striking “be-*  
21                           *fore the termination date of the withdrawal*  
22                           *and reservation”;* and

23                           (iv) *in subsection (d), by striking*

24                           *“Notwithstanding the termination date*

1           *specified in section 2910, unless” and in-*  
2           *serting “Unless”.*

3           (2) *DETERMINATION OF CONTINUING MILITARY*  
4           *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
5           *LIC REPORTS.—The Fort Irwin Military Land With-*  
6           *drawal Act of 2001 (title XXIX of Public Law 107-*  
7           *107; 115 Stat. 1335) is further amended by inserting*  
8           *after section 2910 the following new section:*

9           **“SEC. 2911. DETERMINATION OF CONTINUING MILITARY**  
10           **NEED FOR WITHDRAWAL AND RESERVATION**  
11           **AND PUBLIC REPORTS.**

12           “(a) *PUBLIC REPORTS.—*

13           “(1) *CHANGES IN LAND CONDITIONS.—(A) Con-*  
14           *current with each review as to operation and effect of*  
15           *an integrated natural resources management plan*  
16           *covering lands withdrawn and reserved under this*  
17           *title, as required by section 101(b)(2) of the Sikes Act*  
18           *(16 U.S.C. 670a(b)(2)), the Secretary of the Army*  
19           *and the Secretary of the Interior shall jointly prepare*  
20           *and issue a report describing any changes in the con-*  
21           *dition of the lands withdrawn and reserved under this*  
22           *title since the later of the date of any previous report*  
23           *under this paragraph or the date of the environ-*  
24           *mental analysis prepared to support the actions that*  
25           *changed the condition of the lands.*

1           “(B) A report under subparagraph (A) shall in-  
2           clude a summary of current military use of the lands  
3           withdrawn and reserved by this title, any changes in  
4           military use of the lands since the previous report,  
5           and efforts related to the management of natural and  
6           cultural resources and environmental remediation of  
7           the lands during the previous five years.

8           “(2) COMBINATION WITH OTHER REPORTS.—A  
9           report under this subsection may be combined with,  
10          or incorporate by reference, any contemporary report  
11          required by any other provision of law regarding the  
12          lands withdrawn and reserved by this title.

13          “(3) PUBLIC REVIEW AND COMMENT.—(A) Before  
14          the finalization of a report under this subsection, the  
15          Secretary of the Army and the Secretary of the Inte-  
16          rior shall invite interested members of the public to  
17          review and comment on the report, and shall hold at  
18          least one public meeting concerning the report in a lo-  
19          cation or locations reasonably accessible to persons  
20          who may be affected by management of the lands  
21          withdrawn and reserved by this title.

22          “(B) Each public meeting under subparagraph  
23          (A) shall be announced not less than 15 days before  
24          the date of the meeting by advertisements in local  
25          newspapers of general circulation, notices on the

1 *internet, including the website of National Training*  
2 *Center, and any other means considered necessary or*  
3 *desirable by the Secretaries.*

4 “(4) *DISTRIBUTION OF REPORT.*—*The Secretary*  
5 *of the Army shall make the final version of a report*  
6 *under this subsection available to the public and shall*  
7 *submit the final version of such a report to the Com-*  
8 *mittees on Armed Services and Energy and Natural*  
9 *Resources of the Senate and the Committees on Armed*  
10 *Services and Natural Resources of the House of Rep-*  
11 *resentatives.*

12 “(b) *PERIODIC DETERMINATION OF CONTINUING*  
13 *NEED.*—*With each report prepared pursuant to subsection*  
14 *(a), the Secretary of the Army shall attach the Secretary’s*  
15 *determination regarding whether there will be a continuing*  
16 *military need for any or all of the withdrawn and reserved*  
17 *lands for the following 5 years.”.*

18 (3) *ESTABLISHMENT OF INTERGOVERNMENTAL*  
19 *EXECUTIVE COMMITTEE.*—*The Fort Irwin Military*  
20 *Land Withdrawal Act of 2001 (title XXIX of Public*  
21 *Law 107–107; 115 Stat. 1335) is amended by adding*  
22 *at the end the following new section:*

23 **“SEC. 2914. INTERGOVERNMENTAL EXECUTIVE COMMITTEE.**

24 “(a) *ESTABLISHMENT AND PURPOSE.*—*The Secretary*  
25 *of the Army and the Secretary of the Interior shall establish,*

1 *by memorandum of understanding, an intergovernmental*  
2 *executive committee for the sole purpose of exchanging*  
3 *views, information, and advice relating to the management*  
4 *of the natural and cultural resources of the lands with-*  
5 *drawn and reserved by this title.*

6 “(b) *COMPOSITION.*—

7 “(1) *REPRESENTATIVES OF OTHER FEDERAL*  
8 *AGENCIES.*—*The Secretary of the Army and the Sec-*  
9 *retary of the Interior shall include representatives*  
10 *from interested Federal agencies as members of the*  
11 *intergovernmental executive committee.*

12 “(2) *REPRESENTATIVES OF STATE AND LOCAL*  
13 *GOVERNMENTS.*—*The Secretary of the Army and the*  
14 *Secretary of the Interior shall invite to serve as mem-*  
15 *bers of the intergovernmental executive committee—*

16 “(A) *at least one elected officer (or other au-*  
17 *thorized representative) from the government of*  
18 *the State of California; and*

19 “(B) *at least one elected officer (or other au-*  
20 *thorized representative) from each local govern-*  
21 *ment and Indian tribal government in the vicin-*  
22 *ity of the withdrawn and reserved lands, as de-*  
23 *termined by the Secretaries.*

24 “(c) *OPERATION.*—*The intergovernmental executive*  
25 *committee shall operate in accordance with the terms set*

1 *forth in the memorandum of understanding under sub-*  
2 *section (a).*

3       “(d) *PROCEDURES.*—*The memorandum of under-*  
4 *standing under subsection (a) shall establish procedures for*  
5 *creating a forum for exchanging views, information, and*  
6 *advice relating to the management of natural and cultural*  
7 *resources on the lands withdrawn and reserved by this title,*  
8 *procedures for rotating the chair of the intergovernmental*  
9 *executive committee, and procedures for scheduling regular*  
10 *meetings, which shall occur no less frequently than twice*  
11 *a year.*

12       “(e) *COORDINATOR.*—*The Secretary of the Army, in*  
13 *consultation with the Secretary of the Interior, shall ap-*  
14 *point an individual to serve as coordinator of the intergov-*  
15 *ernmental executive committee. The duties of the coordi-*  
16 *nator shall be included in the memorandum of under-*  
17 *standing under subsection (a). The coordinator shall not be*  
18 *a member of the committee.”.*

19               (4) *CLERICAL AMENDMENTS.*—*The table of con-*  
20 *tents of the Fort Irwin Military Land Withdrawal*  
21 *Act of 2001 (title XXIX of Public Law 107-107; 115*  
22 *Stat. 1335) is amended—*

23                       (A) *by amending the item relating to sec-*  
24 *tion 2910 to read as follows:*

“*Sec. 2910. Effect of relinquishment on operation of general land laws.*”;



1                   (B) by amending the item relating to sec-  
2                   tion 2911 to read as follows:

“Sec. 2911. Determination of continuing military need for withdrawal and res-  
ervation and public reports.”;

3                   (C) by amending the item relating to sec-  
4                   tion 2912 to read as follows:

“Sec. 2912. Relinquishment.”; and

5                   (D) by inserting after the item relating to  
6                   section 2913 the following new item:

“Sec. 2914. Intergovernmental executive committee.”.

7           (g) *RANGES COVERED BY MILITARY LAND WITH-*  
8 *DRAWALS ACT OF 2013.*—

9                   (1) *ELIMINATION OF TERMINATION DATE AND*  
10 *CONFORMING AMENDMENTS.*—*The Military Land*  
11 *Withdrawals Act of 2013 (title XXIX of Public Law*  
12 *113–66; 127 Stat. 1025) is amended—*

13                   (A) by striking sections 2919, 2920; 2936,  
14                   2946, and 2979;

15                   (B) in section 2921, by striking “On the  
16                   termination of” and inserting “On the relin-  
17                   quishment of”; and

18                   (C) in section 2922(d)(3)—

19                   (i) in the paragraph heading, by strik-  
20                   ing “ON TERMINATION” and inserting  
21                   “UPON RELINQUISHMENT”; and

1                   (ii) by striking “or if at the expiration  
2                   of the withdrawal and reservation,”.

3                   (2) *ESTABLISHMENT OF INTERGOVERNMENTAL*  
4                   *EXECUTIVE COMMITTEE.*—*The Military Land With-*  
5                   *drawals Act of 2013 (title XXIX of Public Law 113–*  
6                   *66; 127 Stat. 1025) is further amended by inserting*  
7                   *after section 2918 the following new section:*

8                   **“SEC. 2919. INTERGOVERNMENTAL EXECUTIVE COMMITTEE.**

9                   **“(a) ESTABLISHMENT AND PURPOSE.**—*For the lands*  
10                   *withdrawn and reserved by sections 2941 and 2971, the Sec-*  
11                   *retary concerned and the Secretary of the Interior shall es-*  
12                   *tablish, by memorandum of understanding, an intergovern-*  
13                   *mental executive committee for each location for the sole*  
14                   *purpose of exchanging views, information, and advice relat-*  
15                   *ing to the management of the natural and cultural resources*  
16                   *of the withdrawn and reserved lands.*

17                   **“(b) COMPOSITION.**—

18                   **“(1) REPRESENTATIVES OF OTHER FEDERAL**  
19                   **AGENCIES.**—*The Secretary concerned and the Sec-*  
20                   *retary of the Interior shall include representatives*  
21                   *from interested Federal agencies as members of the*  
22                   *intergovernmental executive committee for a location*  
23                   *covered by subsection (a).*

24                   **“(2) REPRESENTATIVES OF STATE AND LOCAL**  
25                   **GOVERNMENTS.**—*The Secretary concerned and the*

1        *Secretary of the Interior shall invite to serve as mem-*  
2        *bers of the intergovernmental executive committee for*  
3        *a location covered by subsection (a)—*

4                *“(A) at least one elected officer (or other au-*  
5                *thorized representative) from the government of*  
6                *the State in which the withdrawn and reserved*  
7                *lands are located; and*

8                *“(B) at least one elected officer (or other au-*  
9                *thorized representative) from each local govern-*  
10               *ment and Indian tribal government in the vicin-*  
11               *ity of the withdrawn and reserved lands, as de-*  
12               *termined by the Secretaries.*

13               *“(c) OPERATION.—The intergovernmental executive*  
14               *committee for a location covered by subsection (a) shall op-*  
15               *erate in accordance with the terms set forth in the memo-*  
16               *randum of understanding under subsection (a).*

17               *“(d) PROCEDURES.—The memorandum of under-*  
18               *standing under subsection (a) shall establish procedures for*  
19               *creating a forum for exchanging views, information, and*  
20               *advice relating to the management of natural and cultural*  
21               *resources on the withdrawn and reserved lands, procedures*  
22               *for rotating the chair of the intergovernmental executive*  
23               *committee, and procedures for scheduling regular meetings,*  
24               *which shall occur no less frequently than twice a year.*

1           “(e) *COORDINATOR.*—*The Secretary concerned, in con-*  
2 *sultation with the Secretary of the Interior, shall appoint*  
3 *an individual to serve as coordinator of the intergovern-*  
4 *mental executive committee for a location covered by sub-*  
5 *section (a). The duties of the coordinator shall be included*  
6 *in the memorandum of understanding under subsection (a).*  
7 *The coordinator shall not be a member of the committee.”.*

8           (3) *DETERMINATION OF CONTINUING MILITARY*  
9 *NEED FOR WITHDRAWAL AND RESERVATION AND PUB-*  
10 *LIC REPORTS.*—*The Military Land Withdrawals Act*  
11 *of 2013 (title XXIX of Public Law 113–66; 127 Stat.*  
12 *1025) is further amended by inserting after section*  
13 *2919, as added by paragraph (2), the following new*  
14 *section:*

15 **“SEC. 2920. DETERMINATION OF CONTINUING MILITARY**  
16 **NEED FOR WITHDRAWAL AND RESERVATION**  
17 **AND PUBLIC REPORTS.**

18           “(a) *PUBLIC REPORTS.*—

19           “(1) *CHANGES IN LAND CONDITIONS.*—(A) *Con-*  
20 *current with each review as to operation and effect of*  
21 *an integrated natural resources management plan*  
22 *covering lands withdrawn and reserved under this*  
23 *title, as required by section 101(b)(2) of the Sikes Act*  
24 *(16 U.S.C. 670a(b)(2)), the Secretary of the military*  
25 *department concerned and the Secretary of the Inte-*

1        *rior shall jointly prepare and issue a report describ-*  
2        *ing any changes in the condition of the lands covered*  
3        *by the plan since the later of the date of any previous*  
4        *report under this paragraph or the date of the envi-*  
5        *ronmental analysis prepared to support the actions*  
6        *that changed the condition of the lands.*

7                *“(B) A report under subparagraph (A) shall in-*  
8        *clude a summary of current military use of the lands*  
9        *covered by the plan, any changes in military use of*  
10        *the lands since the previous report, and efforts related*  
11        *to the management of natural and cultural resources*  
12        *and environmental remediation of the lands during*  
13        *the previous five years.*

14                *“(2) COMBINATION WITH OTHER REPORTS.—A*  
15        *report under this subsection may be combined with,*  
16        *or incorporate by reference, any contemporary report*  
17        *required by any other provision of law regarding the*  
18        *lands addressed by the report.*

19                *“(3) PUBLIC REVIEW AND COMMENT.—(A) Before*  
20        *the finalization of a report under this subsection, the*  
21        *Secretary of the military department concerned and*  
22        *the Secretary of the Interior shall invite interested*  
23        *members of the public to review and comment on the*  
24        *report, and shall hold at least one public meeting con-*  
25        *cerning the report in a location or locations reason-*

1 *ably accessible to persons who may be affected by*  
2 *management of the lands addressed by the report.*

3 *“(B) Each public meeting under subparagraph*  
4 *(A) shall be announced not less than 15 days before*  
5 *the date of the meeting by advertisements in local*  
6 *newspapers of general circulation, notices on the*  
7 *internet, including the website of the affected military*  
8 *range (if one exists), and any other means considered*  
9 *necessary or desirable by the Secretaries.*

10 *“(4) DISTRIBUTION OF REPORT.—The Secretary*  
11 *of the military department concerned shall make the*  
12 *final version of a report under this subsection avail-*  
13 *able to the public and shall submit the final version*  
14 *of such a report to the Committees on Armed Services*  
15 *and Energy and Natural Resources of the Senate and*  
16 *the Committees on Armed Services and Natural Re-*  
17 *sources of the House of Representatives.*

18 *“(b) DETERMINATION OF CONTINUING MILITARY*  
19 *NEED.—With each report prepared pursuant to subsection*  
20 *(a), the Secretary of the military department concerned*  
21 *shall attach the Secretary’s determination regarding wheth-*  
22 *er there will be a continuing military need for any or all*  
23 *of the withdrawn and reserved lands for the following 5*  
24 *years.”.*

1           (4) *CLERICAL AMENDMENTS.*—*The table of con-*  
 2           *tents of the Military Land Withdrawals Act of 2013*  
 3           *(title XXIX of Public Law 113-66; 127 Stat. 1025) is*  
 4           *amended—*

5                     (A) *by striking the item relating to section*  
 6                     *2919 and inserting the following new item:*

“*Sec. 2919. Intergovernmental executive committee.*”;

7                     (B) *by striking the item relating to section*  
 8                     *2920 and inserting the following new item:*

“*Sec. 2920. Determination of continuing military need for withdrawal and res-*  
*ervation and public reports.*”; *and*

9                     (C) *by striking the items relating to section*  
 10                    *2936, 2946, and 2979.*

11           (h) *REQUESTS FOR WITHDRAWALS MADE TO SEC-*  
 12           *RETARY OF THE INTERIOR; TEMPORARY USE PERMITS AND*  
 13           *TRANSFERS OF SMALL PARCELS OF LAND BETWEEN DE-*  
 14           *PARTMENTS OF INTERIOR AND MILITARY DEPARTMENTS;*  
 15           *MORE EFFICIENT SURVEYING OF LANDS.—*

16                    (1) *REQUIRING REQUESTS FOR WITHDRAWALS*  
 17                    *TO BE MADE TO SECRETARY OF THE INTERIOR.—Sec-*  
 18                    *tion 3 of the Act of February 28, 1958 (Public Law*  
 19                    *85-337; 43 U.S.C. 157), is amended—*

20                             (A) *by striking “Any application” and in-*  
 21                             *serting “(a) CONTENTS OF APPLICATION.—Any*  
 22                             *application”; and*

1           (B) by striking “shall specify” and insert-  
2           ing “shall be filed with the Secretary of the Inte-  
3           rior and shall specify”.

4           (2) *AUTHORIZATION OF ADDITIONAL ARRANGE-*  
5           *MENTS FOR USE AND TRANSFER OF LANDS UNDER JU-*  
6           *RISDICTION OF SECRETARY OF THE INTERIOR.—Such*  
7           *Act (43 U.S.C. 155 et seq.) is further amended by*  
8           *adding at the end the following new sections:*

9   **“SEC. 7. SHORT-TERM PERMITS FOR USE OF DEPARTMENT**  
10                           **OF INTERIOR LANDS FOR MILITARY TRAIN-**  
11                           **ING AND TESTING.**

12           “(a) *AUTHORITY.—In addition to any other authority*  
13           *to grant permits for the use of land, the Secretary of the*  
14           *Interior may grant a permit to the Secretary of Defense*  
15           *to use land under the administrative jurisdiction of the Sec-*  
16           *retary of the Interior. Any such permit—*

17                   “(1) *shall be issued consistent with section 2691*  
18                   *of title 10, United States Code;*

19                   “(2) *shall allow the Department of Defense to use*  
20                   *the land only for purposes of training and testing*  
21                   *that are consistent with the purposes for which the*  
22                   *Secretary of the Interior manages the land; and*

23                   “(3) *may contain such other requirements as the*  
24                   *Secretary of the Interior considers appropriate.*



1       “(b) *DURATION OF PERMIT.*—A permit granted under  
2 *this section shall be in effect for such period as the Secretary*  
3 *of the Interior may provide, except that such period may*  
4 *not exceed 30 days.*

5       “**SEC. 8. TRANSFERS OF SMALL PARCELS OF LAND BE-**  
6                               **TWEEN THE DEPARTMENTS OF DEFENSE AND**  
7                               **INTERIOR.**

8       “(a) *TRANSFER AUTHORIZED.*—Subject to any valid  
9 *existing rights, upon mutual agreement, and without cost*  
10 *for the value of the land or any improvements thereon—*

11               “(1) *the Secretary of the Interior may transfer*  
12 *administrative jurisdiction over land that meets the*  
13 *requirements of subsection (b) to the Secretary of a*  
14 *military department; and*

15               “(2) *the Secretary of a military department may*  
16 *transfer administrative jurisdiction over land that*  
17 *meets the requirements of subsection (b) to the Sec-*  
18 *retary of the Interior.*

19       “(b) *REQUIREMENTS FOR LAND ELIGIBLE FOR TRANS-*  
20 *FER.*—*The requirements of this subsection are as follows:*

21               “(1) *CONTIGUITY.*—*The land is contiguous to*  
22 *land already under the administrative jurisdiction of*  
23 *the Secretary to whom such jurisdiction is trans-*  
24 *ferred.*

1           “(2) *LIMITATION ON ACREAGE.*—*No single parcel*  
2           *of the land is larger than 5,000 acres of contiguous*  
3           *area.*

4           “(3) *NO RECENT PRIOR TRANSFER OF CONTIG-*  
5           *UOUS LAND.*—*The land is not contiguous to any other*  
6           *land for which administrative jurisdiction has been*  
7           *transferred under the authority of this section during*  
8           *the previous 5 years.*

9           “(4) *PRIOR USE FOR DEFENSE PURPOSES.*—*In*  
10           *the case of land transferred to the Department of De-*  
11           *fense, the land was used for defense purposes imme-*  
12           *diately prior to the date of transfer.*

13           “(c) *MAP AND LEGAL DESCRIPTION.*—

14           “(1) *PREPARATION AND PUBLICATION.*—*The Sec-*  
15           *retary of the Interior shall—*

16                   “(A) *publish in the Federal Register a no-*  
17                   *tice containing the legal description of any land*  
18                   *transferred under subsection (a);*

19                   “(B) *file maps and legal descriptions of the*  
20                   *land with—*

21                           “(i) *the Committees on Armed Services*  
22                           *and Energy and Natural Resources of the*  
23                           *Senate, and*

1                   “(ii) the Committees on Armed Serv-  
2                   ices and Natural Resources of the House of  
3                   Representatives; and

4                   “(C) make copies of such maps and legal de-  
5                   scriptions available for public inspection in the  
6                   appropriate offices of the Bureau of Land Man-  
7                   agement.

8                   “(2) *FORCE OF LAW.*—For purposes of any  
9                   transfer of administrative jurisdiction over land  
10                  under this section, the legal description and map for  
11                  the land shall be the legal description of the land filed  
12                  under paragraph (1)(B), except that the Secretary of  
13                  the Interior may correct clerical and typographical  
14                  errors in the legal description or map.

15                  “(3) *COSTS.*—The Secretary of the military de-  
16                  partment to whom administrative jurisdiction over  
17                  land is transferred under subsection (a)(1) shall reim-  
18                  burse the Secretary of the Interior for the costs in-  
19                  curred by the Secretary of the Interior in imple-  
20                  menting this subsection with respect to such land.

21                  “(d) *TREATMENT AND USE OF LAND TRANSFERRED*  
22 *TO THE SECRETARY OF A MILITARY DEPARTMENT.*—Upon  
23 a transfer of administrative jurisdiction over land to the  
24 Secretary of a military department under subsection  
25 (a)(1)—

1           “(1) the land shall be treated as property (as de-  
2       fined in section 102(9) of title 40, United States  
3       Code) under the administrative jurisdiction of the  
4       Secretary of the military department; and

5           “(2) for as long as the land is under the admin-  
6       istrative jurisdiction of a Secretary of a military de-  
7       partment, the land shall be withdrawn from—

8           “(A) all forms of entry, appropriation, or  
9       disposition under the public land laws,

10          “(B) location, entry, and patent under the  
11       mining laws,

12          “(C) disposition under all laws relating to  
13       mineral materials and all laws relating to min-  
14       eral and geothermal leasing.

15          “(e) *TREATMENT AND USE OF LAND TRANSFERRED TO*  
16 *THE SECRETARY OF THE INTERIOR.*—Upon a transfer of  
17 administrative jurisdiction over land to the Secretary of the  
18 Interior under subsection (a)(2)—

19          “(1) the land shall become public land; and

20          “(2) the land shall be administered for the same  
21 purposes and be subject to the same conditions of use  
22 as the adjacent public land.

23          “(f) *EFFECT ON OTHER AUTHORITIES.*—The author-  
24 ity provided by this section is in addition to, and not sub-  
25 ject to, any other authority relating to transfers of land.”.

1           (3) *SHORT TITLE.*—*The first section of such Act*  
2           *(43 U.S.C. 155) is amended—*

3                   (A) *by striking “That, notwithstanding”*  
4                   *and inserting “SECTION 1. (a) WITHDRAWAL,*  
5                   *RESERVATION, OR RESTRICTION OF PUBLIC*  
6                   *LANDS FOR DEFENSE PURPOSES.—Notwith-*  
7                   *standing”; and*

8                   (B) *by adding at the end the following new*  
9                   *subsection:*

10           “(b) *SHORT TITLE.*—*This Act may be cited as the*  
11           *‘Engle Act’.*”.

12           (4) *PROMOTING MORE EFFICIENT SURVEYING OF*  
13           *LANDS.*—*In fixing the original corner position in an*  
14           *official survey of unsurveyed land, when applicable*  
15           *and feasible, Cadastral Survey may, instead of using*  
16           *physical monuments, use geographic coordinates cor-*  
17           *related to the National Spatial Reference System geo-*  
18           *detic datum, in accordance with the Manual of Sur-*  
19           *veying Instructions.*

20           (i) *EFFECT ON NEW LAND WITHDRAWALS AND RES-*  
21           *ERVATIONS.*—*Nothing in this section or the amendments*  
22           *made by this section shall be construed as changing the re-*  
23           *quirements imposed on the Department of Defense to obtain*  
24           *a new or expanded land withdrawal and reservation.*

1 **SEC. 2832. DESIGNATION OF POTENTIAL WILDERNESS**  
2 **AREA.**

3 (a) *IN GENERAL.*—Certain land administered by the  
4 National Park Service, comprising approximately 1 acre  
5 as generally depicted on the map entitled “Proposed Poten-  
6 tial Wilderness, Mormon Peak Microwave Facility, Death  
7 Valley National Park”, numbered 143–142, 834, and dated  
8 March 1, 2018, is designated as a potential wilderness area.

9 (b) *USES.*—The Secretary of the Interior may permit  
10 on the land described in subsection (a) only the uses that  
11 were permitted on such land on the date of enactment of  
12 the California Desert Protection Act of 1994 (Public Law  
13 103-433).

14 (c) *REESTABLISHMENT OF WILDERNESS DESIGNA-*  
15 *TION.*—

16 (1) *NOTICE.*—The Secretary of the Interior shall  
17 publish a notice in the Federal Register when the Sec-  
18 retary determines that—

19 (A) the communications site within the po-  
20 tential wilderness area designated under sub-  
21 section (a) is no longer used;

22 (B) the associated right-of-way is relin-  
23 quished or not renewed; and

24 (C) the conditions in the potential wilder-  
25 ness area designated by subsection (a) are com-

1           *patible with the Wilderness Act (16 U.S.C. 1131*  
 2           *et seq.).*

3           (2) *DESIGNATION.*—*Upon publication by the*  
 4           *Secretary of the notice described in paragraph (1), the*  
 5           *land described in subsection (a) is—*

6                     *(A) designated as wilderness and as a com-*  
 7                     *ponent of the National Wilderness Preservation*  
 8                     *System; and*

9                     *(B) incorporated into the Death Valley Na-*  
 10                    *tional Park Wilderness designated by section*  
 11                    *601 of Public Law 103–433.*

## 12           ***Subtitle E—Other Matters***

### 13   ***SEC. 2841. DEFENSE COMMUNITY INFRASTRUCTURE PRO-*** 14           ***GRAM.***

15           *(a) AUTHORIZATION OF PROGRAM.*—*Section 2391 of*  
 16           *title 10, United States Code, is amended—*

17                     *(1) by redesignating subsections (d) and (e) as*  
 18                     *subsections (e) and (f); and*

19                     *(2) by inserting after subsection (c) the following*  
 20                     *new subsection:*

21           “*(d) DEFENSE COMMUNITY INFRASTRUCTURE PRO-*  
 22           *GRAM.—(1) The Secretary of Defense may make grants,*  
 23           *conclude cooperative agreements, and supplement funds*  
 24           *available under Federal programs administered by agencies*  
 25           *other than the Department of Defense to assist States and*

1 *units of local government in addressing deficiencies in com-*  
2 *munity infrastructure projects or facilities which are lo-*  
3 *cated outside of military installations but which support*  
4 *military installations, and which are owned by the State*  
5 *or unit of local government, if the Secretary determines that*  
6 *such assistance will enhance the military value, resiliency,*  
7 *or military family quality of life at such military installa-*  
8 *tion.*

9       “(2) *The Secretary shall establish criteria for the eligi-*  
10 *bility and selection of States and units of local government*  
11 *to receive assistance under this subsection. Such criteria*  
12 *shall include a requirement that the State or unit of local*  
13 *government agrees to contribute not less than 20 percent*  
14 *of the funding required to address the deficiencies in the*  
15 *community infrastructure project or facility involved, ex-*  
16 *cept that the Secretary may waive such requirement in the*  
17 *case of a community infrastructure project or facility which*  
18 *is located in a rural area.*

19       “(3) *Prior to providing any assistance to a State or*  
20 *unit of local government with respect to a community infra-*  
21 *structure project or facility under this subsection, the Sec-*  
22 *retary shall provide a notification to the appropriate com-*  
23 *mittees of Congress of the intent to provide the assistance,*  
24 *and shall include in the notification a comprehensive de-*  
25 *scription of how the assistance will address deficiencies in*



1 *the project or facility, a certification of military need, and*  
2 *(if applicable) a certification that the State or unit of local*  
3 *government has agreed to contribute funding for the infra-*  
4 *structure as required under paragraph (2). The Secretary*  
5 *may then obligate funds for such assistance only after the*  
6 *end of the 14-day period beginning on the date on which*  
7 *the notification is received by the committees in an elec-*  
8 *tronic medium pursuant to section 480 of this title.”.*

9       **(b) DEFINITION.**—Section 2391(e) of such title, as re-  
10 *designated by subsection (a), is amended by adding at the*  
11 *end the following new paragraph:*

12               “(4) The term ‘community infrastructure project  
13       or facility’ means any of the following:

14                       “(A) A transportation project.

15                       “(B) A school, hospital, police, fire, emer-  
16       gency response, or other community support fa-  
17       cility.

18                       “(C) A water, waste-water, telecommuni-  
19       cations, electric, gas, or other utility infrastruc-  
20       ture project.”.

1 **SEC. 2842. RESTRICTIONS ON USE OF FUNDS FOR DEVELOP-**  
2 **MENT OF PUBLIC INFRASTRUCTURE IN COM-**  
3 **MONWEALTH OF NORTHERN MARIANA IS-**  
4 **LANDS.**

5 (a) *RESTRICTION.*—If the Secretary of Defense deter-  
6 mines that any grant, cooperative agreement, transfer of  
7 funds to another Federal agency, or supplement of funds  
8 available under Federal programs administered by agencies  
9 other than the Department of Defense will result in the de-  
10 velopment (including repair, replacement, renovation, con-  
11 version, improvement, expansion, acquisition, or construc-  
12 tion) of public infrastructure in the Commonwealth of the  
13 Northern Mariana Islands (hereafter in this section referred  
14 to as the “Commonwealth”), the Secretary of Defense may  
15 not carry out such grant, transfer, cooperative agreement,  
16 or supplemental funding unless such grant, transfer, cooper-  
17 ative agreement, or supplemental funding—

18 (1) is specifically authorized by law; and  
19 (2) will be used to carry out a public infrastruc-  
20 ture project included in the report submitted under  
21 subsection (b).

22 (b) *REPORT OF ECONOMIC ADJUSTMENT COM-*  
23 *MITTEE.*—

24 (1) *CONVENING OF COMMITTEE.*—Not later than  
25 90 days after the date of the enactment of this Act,  
26 the Secretary of Defense, as the chair of the Economic

1     *Adjustment Committee established in Executive Order*  
2     *No. 127887 (10 U.S.C. 2391 note), shall convene the*  
3     *Economic Adjustment Committee to consider assist-*  
4     *ance, including assistance to support public infra-*  
5     *structure projects, necessary to support changes in*  
6     *Department of Defense activities in the Common-*  
7     *wealth.*

8             (2) *REPORT.*—*Not later than 180 days after con-*  
9     *vening the Economic Adjustment Committee under*  
10    *paragraph (1), the Secretary shall submit to the con-*  
11    *gressional defense committees a report—*

12                 (A) *describing the results of the Economic*  
13     *Adjustment Committee deliberations required by*  
14     *paragraph (1); and*

15                 (B) *containing a description of any assist-*  
16     *ance the Committee determines to be necessary to*  
17     *support changes in Department of Defense ac-*  
18     *tivities in the Commonwealth, including any*  
19     *public infrastructure projects the Committee de-*  
20     *termines should be carried out with such assist-*  
21     *ance.*

22             (c) *PUBLIC INFRASTRUCTURE DEFINED.*—*In this sec-*  
23    *tion, the term “public infrastructure” means any utility,*  
24    *method of transportation, item of equipment, or facility*  
25    *under the control of a public entity or State or local govern-*

1 *ment that is used by, or constructed for the benefit of, the*  
2 *general public.*

3 **SEC. 2843. STUDY AND REPORT ON COLEMAN BRIDGE, YORK**  
4 **RIVER, VIRGINIA.**

5 *(a) FINDINGS.—Congress finds the following:*

6 *(1) Navy vessels must have access to Naval*  
7 *Weapons Station, Yorktown, Virginia, in order to*  
8 *load munitions for war time needs.*

9 *(2) To access the Station, vessels must pass the*  
10 *George P. Coleman Bridge on the York River, which*  
11 *swings open to allow passage.*

12 *(3) Many Federal employees at the Station and*  
13 *at other critical military installations in the Tide-*  
14 *water region of Virginia live on the north side of the*  
15 *York River and commute to work using the Bridge.*

16 *(4) The assured operation of the George P. Cole-*  
17 *man Memorial Bridge is therefore critical to the oper-*  
18 *ation of Naval Weapons Station, Yorktown and na-*  
19 *tional security generally.*

20 *(b) STUDY AND REPORT ON INCLUSION OF BRIDGE IN*  
21 *STRATEGIC HIGHWAY NETWORK.—*

22 *(1) STUDY.—The Commander of the United*  
23 *States Transportation Command shall conduct a*  
24 *study of the feasibility and desirability of including*  
25 *the George P. Coleman Memorial Bridge on the York*

1 *River, Virginia, and United States Route 17 in the*  
2 *Strategic Highway Network.*

3 (2) *REPORT.*—*Not later than 180 days after the*  
4 *date of the enactment of this Act, the Commander*  
5 *shall submit to the congressional defense committees a*  
6 *report on the results of the study conducted under*  
7 *paragraph (1).*

8 **SEC. 2844. CERTIFICATIONS REQUIRED PRIOR TO TRANS-**  
9 **FER OF CERTAIN VETERANS MEMORIAL OB-**  
10 **JECT.**

11 (a) *CERTIFICATIONS.*—*Subsection (c) of section 2864*  
12 *of the National Defense Authorization Act for Fiscal Year*  
13 *2018 (Public Law 115–91; 131 Stat. 1869) is amended—*

14 (1) *in the heading, by striking “TRANSFER” and*  
15 *all that follows and inserting “TRANSFER OF CER-*  
16 *TAIN VETERANS MEMORIAL OBJECT”;*

17 (2) *in the matter preceding paragraph (1), by*  
18 *striking “certifies to Congress” and inserting “pro-*  
19 *vides a certification to Congress”*

20 (3) *by redesignating paragraph (2) as para-*  
21 *graph (3); and*

22 (4) *by inserting after paragraph (1) the fol-*  
23 *lowing new paragraph:*

24 “(2) *CERTIFICATION REQUIREMENTS.*—*The cer-*  
25 *tification required under paragraph (1) shall include*

1 a report with a classified annex describing the effects  
 2 of the transfer of the object under this subsection on  
 3 the national security interests of the United States (as  
 4 required under subparagraph (A) of paragraph (1))  
 5 and the efforts undertaken to consult with veterans or-  
 6 ganizations and government officials in the State of  
 7 Wyoming in order to preserve the history of the vet-  
 8 erans associated with the object (as required by sub-  
 9 paragraph (B) of paragraph (1)).”.

10 (b) *EFFECTIVE DATE.*—The amendment made by sub-  
 11 section (a) shall take effect as if included in the enactment  
 12 of the National Defense Authorization Act for Fiscal Year  
 13 2018.

14 **TITLE XXIX—OVERSEAS CONTIN-**  
 15 **GENCY OPERATIONS MILI-**  
 16 **TARY CONSTRUCTION**

17 **SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
 18 **ACQUISITION PROJECTS.**

19 The Secretary of the Army may acquire real property  
 20 and carry out the military construction projects for the in-  
 21 stallations outside the United States, and in the amounts,  
 22 set forth in the following table:

**Army: Outside the United States**

| <b>Country</b> | <b>Location</b>                      | <b>Amount</b> |
|----------------|--------------------------------------|---------------|
| Bulgaria ..... | Nevo Selo Fos .....                  | \$5,200,000   |
| Poland .....   | Drausko Pomorski Training Area ..... | \$17,000,000  |
|                | Powidz Air Base .....                | \$87,000,000  |
|                | Zagan Training Area .....            | \$40,400,000  |
| Romania .....  | Mihail Kogalniceanu .....            | \$21,651,000  |

1 **SEC. 2902. AUTHORIZED NAVY CONSTRUCTION AND LAND**  
 2 **ACQUISITION PROJECTS.**

3 *The Secretary of the Navy may acquire real property*  
 4 *and carry out the military construction projects for the in-*  
 5 *stallations outside the United States, and in the amounts,*  
 6 *set forth in the following table:*

**Navy: Outside the United States**

| <b>Country</b>              | <b>Location</b>                               | <b>Amount</b>       |
|-----------------------------|---|---------------------|
| <i>Greece .....</i>         | <i>Naval Support Activity Souda Bay .....</i> | <i>\$47,850,000</i> |
| <i>Italy .....</i>          | <i>Naval Air Station Sigonella .....</i>      | <i>\$66,050,000</i> |
| <i>Spain .....</i>          | <i>Naval Station Rota .....</i>               | <i>\$21,590,000</i> |
| <i>United Kingdom .....</i> | <i>Lossiemouth .....</i>                      | <i>\$79,130,000</i> |

7 **SEC. 2903. AUTHORIZED AIR FORCE CONSTRUCTION AND**  
 8 **LAND ACQUISITION PROJECTS.**

9 *The Secretary of the Air Force may acquire real prop-*  
 10 *erty and carry out the military construction projects for*  
 11 *the installations outside the United States, and in the*  
 12 *amounts, set forth in the following table:*

**Air Force: Outside the United States**

| <b>Country</b>              | <b>Location</b>                | <b>Amount</b>        |
|-----------------------------|--------------------------------|----------------------|
| <i>Germany .....</i>        | <i>Ramstein Air Base .....</i> | <i>\$119,000,000</i> |
| <i>Norway .....</i>         | <i>Rygge .....</i>             | <i>\$13,800,000</i>  |
| <i>Qatar .....</i>          | <i>Al Udeid .....</i>          | <i>\$70,400,000</i>  |
| <i>Slovakia .....</i>       | <i>Malacky .....</i>           | <i>\$59,000,000</i>  |
| <i>United Kingdom .....</i> | <i>RAF Fairford .....</i>      | <i>\$106,000,000</i> |

13 **SEC. 2904. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**  
 14 **TION AND LAND ACQUISITION PROJECTS.**

15 *The Secretary of Defense may acquire real property*  
 16 *and carry out the military construction projects for the in-*  
 17 *stallations outside the United States, and in the amounts,*  
 18 *set forth in the following table:*

*Defense Agencies: Outside the United States*

| <b>Country</b>       | <b>Location</b>                  | <b>Amount</b>       |
|----------------------|----------------------------------|---------------------|
| <i>Estonia</i> ..... | <i>Unspecified Estonia</i> ..... | <i>\$15,700,000</i> |
| <i>Qatar</i> .....   | <i>Al Udeid</i> .....            | <i>\$60,000,000</i> |

1 **SEC. 2905. AUTHORIZATION OF APPROPRIATIONS.**

2 *Funds are hereby authorized to be appropriated for fis-*  
3 *cal years beginning after September 30, 2018, for the mili-*  
4 *tary construction projects outside the United States author-*  
5 *ized by this title as specified in the funding table in section*  
6 *4602.*

7 **SEC. 2906. RESTRICTIONS ON USE OF FUNDS FOR PLAN-**  
8 **NING AND DESIGN COSTS OF EUROPEAN DE-**  
9 **TERRENCE INITIATIVE PROJECTS.**

10 *None of the funds authorized to be appropriated for*  
11 *military construction projects outside the United States au-*  
12 *thorized by this title may be obligated or expended for plan-*  
13 *ning and design costs of any project associated with the*  
14 *European Deterrence Initiative until the Secretary of De-*  
15 *fense submits to the congressional defense committees a list*  
16 *of all of the military construction projects associated with*  
17 *the European Deterrence Initiative which the Secretary an-*  
18 *ticipates will be carried out during each of the fiscal years*  
19 *2019 through 2023.*



1 ***DIVISION C—DEPARTMENT OF***  
2 ***ENERGY NATIONAL SECURITY***  
3 ***AUTHORIZATIONS AND***  
4 ***OTHER AUTHORIZATIONS***  
5 ***TITLE XXXI—DEPARTMENT OF***  
6 ***ENERGY NATIONAL SECURITY***  
7 ***PROGRAMS***  
8 ***Subtitle A—National Security***  
9 ***Programs and Authorizations***

10 ***SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-***  
11 ***TION.***

12 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
13 *hereby authorized to be appropriated to the Department of*  
14 *Energy for fiscal year 2019 for the activities of the National*  
15 *Nuclear Security Administration in carrying out programs*  
16 *as specified in the funding table in division D.*

17 *(b) AUTHORIZATION OF NEW PLANT PROJECTS.—*  
18 *From funds referred to in subsection (a) that are available*  
19 *for carrying out plant projects, the Secretary of Energy*  
20 *may carry out new plant projects for the National Nuclear*  
21 *Security Administration as follows:*

22 *Project 19–D–660, Lithium Production Capa-*  
23 *bility, Y–12 National Security Complex, Oak Ridge,*  
24 *Tennessee, \$19,000,000.*

1            *Project 19–D–670, 138k Power Transmission*  
2            *System Replacement, Nevada National Security Site,*  
3            *Mercury, Nevada, \$6,000,000.*

4            *Project 19–D–930, KS Overhead Piping, Kessel-*  
5            *ring Site, West Milton, New York, \$10,994,000.*

6    **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

7            *Funds are hereby authorized to be appropriated to the*  
8            *Department of Energy for fiscal year 2019 for defense envi-*  
9            *ronmental cleanup activities in carrying out programs as*  
10           *specified in the funding table in division D.*

11    **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

12           *Funds are hereby authorized to be appropriated to the*  
13           *Department of Energy for fiscal year 2019 for other defense*  
14           *activities in carrying out programs as specified in the fund-*  
15           *ing table in division D.*

16    **SEC. 3104. NUCLEAR ENERGY.**

17           *Funds are hereby authorized to be appropriated to the*  
18           *Department of Energy for fiscal year 2019 for nuclear en-*  
19           *ergy as specified in the funding table in division D.*

1 **Subtitle B—Program Authoriza-**  
2 **tions, Restrictions, and Limita-**  
3 **tions**

4 **SEC. 3111. SECURITY CLEARANCE FOR DUAL NATIONALS**  
5 **EMPLOYED BY NATIONAL NUCLEAR SECU-**  
6 **RITY AGENCY.**

7 (a) *IN GENERAL.*—*The National Nuclear Security Ad-*  
8 *ministration Act (50 U.S.C. 2401 et seq.) is amended by*  
9 *inserting after section 3236 the following new section:*

10 **“SEC. 3237. SECURITY CLEARANCE FOR DUAL NATIONALS.**

11 “(a) *IN GENERAL.*—(1) *In the case of an individual*  
12 *described in paragraph (3), the Secretary of Energy shall*  
13 *develop a process to review foreign preference in accordance*  
14 *with the adjudicative guidelines issued pursuant to section*  
15 *710.7 of title 10, Code of Federal Regulations, or such suc-*  
16 *cessor regulation, before approving a security clearance for*  
17 *such individual.*

18 “(2) *The Secretary shall designate an official of the*  
19 *Administration to be responsible for adjudicating any de-*  
20 *rogatory information of an individual described in para-*  
21 *graph (3) concerning foreign preference that is discovered*  
22 *after the security clearance of the individual is approved.*

23 “(3) *An individual described in this paragraph is an*  
24 *individual who is—*

1           “(A) a national of the United States (as such  
2 term is defined in section 101 of the Immigration and  
3 Nationality Act (8 U.S.C. 1101)) and also a national  
4 of a foreign state; and

5           “(B) an employee or contractor of the Adminis-  
6 tration who requires access to classified information.

7           “(b) WAIVER.—In the case of an individual who is a  
8 national of the United States and also a national of a for-  
9 eign state identified under section 1564b(b)(2) of title 10,  
10 United States Code, the Secretary may waive the require-  
11 ment under subsection (a).”.

12           (b) CLERICAL AMENDMENT.—The table of contents at  
13 the beginning of such Act is amended by inserting after the  
14 item relating to section 3236 the following new item:

“Sec. 3237. Security clearance for dual nationals.”.

15           (c) BRIEFING.—

16           (1) IN GENERAL.—Not later than 180 days after  
17 the date of the enactment of this Act, the Secretary of  
18 Energy shall provide to the Committees on Armed  
19 Services of the House of Representatives and the Sen-  
20 ate, and to any other appropriate congressional com-  
21 mittee upon request, a briefing on—

22           (A) the process developed under paragraph  
23 (1) of section 3237(a) of the National Nuclear  
24 Security Administration Act, as added by sub-  
25 section (a); and

1                   (B) the official designated under paragraph  
2                   (2) of such section 3237(a).

3                   (2) *APPROPRIATE CONGRESSIONAL COMMITTEES*  
4                   *DEFINED.—In this subsection, the term “appropriate*  
5                   *congressional committees” means the following:*

6                   (A) *The Committees on Armed Services of*  
7                   *the House of Representatives and the Senate.*

8                   (B) *The Committee on Energy and Com-*  
9                   *merce and the Permanent Select Committee on*  
10                   *Intelligence of the House of Representatives.*

11                   (C) *The Committee on Energy and Natural*  
12                   *Resources and the Select Committee on Intel-*  
13                   *ligence of the Senate.*

14 **SEC. 3112. DEPARTMENT OF ENERGY COUNTERINTEL-**  
15 **LIGENCE POLYGRAPH PROGRAM.**

16                   Section 4504(b) of the Atomic Energy Defense Act (50  
17 U.S.C. 2654(b)) is amended by adding at the end the fol-  
18 lowing new paragraph:

19                   “(4) The regulations prescribed under paragraph (1)  
20 shall ensure that the persons subject to the counterintel-  
21 ligence polygraph program required by subsection (a) in-  
22 clude any person who is—

23                   “(A) a national of the United States (as such  
24 term is defined in section 101 of the Immigration and

1       *Nationality Act (8 U.S.C. 1101)) and also a national*  
2       *of a foreign state; and*

3               “(B) *an employee or contractor who requires ac-*  
4       *cess to classified information.”.*

5       **SEC. 3113. EXTENSION OF ENHANCED PROCUREMENT AU-**  
6               **THORITY TO MANAGE SUPPLY CHAIN RISK.**

7       (a) *EXTENSION.*—*Subsection (g) of section 4806 of the*  
8       *Atomic Energy Defense Act (50 U.S.C. 2786) is amended*  
9       *to read as follows:*

10               “(g) *TERMINATION.*—*The authority under this section*  
11       *shall terminate on June 30, 2023.”.*

12       (b) *TECHNICAL AMENDMENT.*—*Subsection (f)(5)(A) of*  
13       *such section is amended by striking “section 3542(b) of title*  
14       *44” and inserting “section 3552(b) of title 44”.*

15       **SEC. 3114. LOW-YIELD NUCLEAR WEAPONS.**

16       (a) *REPEAL OF PROHIBITION.*—*Section 3116 of the*  
17       *National Defense Authorization Act for Fiscal Year 2004*  
18       *(Public Law 108–136; 50 U.S.C. 2529 note) is amended by*  
19       *striking subsection (c).*

20       (b) *AUTHORIZATION.*—*The Secretary of Energy, act-*  
21       *ing through the Administrator for Nuclear Security, may*  
22       *carry out the engineering development phase, and any sub-*  
23       *sequent phase, to modify or develop a low-yield nuclear*  
24       *warhead for submarine-launched ballistic missiles.*

1 **SEC. 3115. USE OF FUNDS FOR CONSTRUCTION AND**  
2 **PROJECT SUPPORT ACTIVITIES RELATING TO**  
3 **MOX FACILITY.**

4 (a) *IN GENERAL.*—*Except as provided by subsection*  
5 *(b), the Secretary of Energy shall carry out construction*  
6 *and project support activities relating to the MOX facility*  
7 *using funds authorized to be appropriated by this Act or*  
8 *otherwise made available for fiscal year 2019 for the Na-*  
9 *tional Nuclear Security Administration for the MOX facil-*  
10 *ity.*

11 (b) *WAIVER.*—*The Secretary may waive the require-*  
12 *ment under subsection (a) if the Secretary submits to the*  
13 *congressional defense committees the matters specified in*  
14 *section 3121(b)(1) of the National Defense Authorization*  
15 *Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat.*  
16 *1892).*

17 (c) *DEFINITIONS.*—*In this section:*

18 (1) *The term “MOX facility” means the mixed-*  
19 *oxide fuel fabrication facility at the Savannah River*  
20 *Site, Aiken, South Carolina.*

21 (2) *The term “project support activities” means*  
22 *activities that support the design, long-lead equip-*  
23 *ment procurement, and site preparation of the MOX*  
24 *facility.*

1 **SEC. 3116. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
2 **PROGRAMS IN RUSSIAN FEDERATION.**

3 (a) *PROHIBITION.*—None of the funds authorized to be  
4 appropriated by this Act or otherwise made available for  
5 fiscal year 2019 for atomic energy defense activities may  
6 be obligated or expended to enter into a contract with, or  
7 otherwise provide assistance to, the Russian Federation.

8 (b) *WAIVER.*—The Secretary of Energy, without dele-  
9 gation, may waive the prohibition in subsection (a) only  
10 if—

11 (1) the Secretary determines, in writing, that a  
12 nuclear-related threat in the Russian Federation must  
13 be addressed urgently and it is necessary to waive the  
14 prohibition to address that threat;

15 (2) the Secretary of State and the Secretary of  
16 Defense concur in the determination under paragraph  
17 (1);

18 (3) the Secretary of Energy submits to the ap-  
19 propriate congressional committees a report con-  
20 taining—

21 (A) a notification that the waiver is in the  
22 national security interest of the United States;

23 (B) justification for the waiver, including  
24 the determination under paragraph (1); and

25 (C) a description of the activities to be car-  
26 ried out pursuant to the waiver, including the



1           *expected cost and timeframe for such activities;*  
2           *and*

3           (4) *a period of seven days elapses following the*  
4           *date on which the Secretary submits the report under*  
5           *paragraph (3).*

6           (c) *EXCEPTION.—The prohibition under subsection (a)*  
7           *and the requirements under subsection (b) to waive that*  
8           *prohibition shall not apply to an amount, not to exceed*  
9           *\$3,000,000, that the Secretary may make available for the*  
10           *Department of Energy Russian Health Studies Program.*

11           (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
12           *FINED.—In this section, the term “appropriate congres-*  
13           *sional committees” means the following:*

14                   (1) *The congressional defense committees.*

15                   (2) *The Committee on Foreign Relations of the*  
16           *Senate and the Committee on Foreign Affairs of the*  
17           *House of Representatives.*

18   **SEC. 3117. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
19                   **RESEARCH AND DEVELOPMENT OF AD-**  
20                   **VANCED NAVAL NUCLEAR FUEL SYSTEM**  
21                   **BASED ON LOW-ENRICHED URANIUM.**

22           (a) *PROHIBITION.—Except as provided by subsection*  
23           *(b), none of the funds authorized to be appropriated by this*  
24           *Act or otherwise made available for fiscal year 2019 for the*  
25           *Department of Energy or the Department of Defense may*

1 *be obligated or expended to plan or carry out research and*  
2 *development of an advanced naval nuclear fuel system based*  
3 *on low-enriched uranium.*

4       **(b) EXCEPTION.**—*In accordance with section 7319 of*  
5 *title 10, United States Code, of the funds authorized to be*  
6 *appropriated by this Act or otherwise made available for*  
7 *fiscal year 2019 for defense nuclear nonproliferation, as*  
8 *specified in the funding table in division D, \$10,000,000*  
9 *shall be made available to the Deputy Administrator for*  
10 *Naval Reactors of the National Nuclear Security Adminis-*  
11 *tration for low-enriched uranium activities (including*  
12 *downblending of high-enriched uranium fuel into low-en-*  
13 *riched uranium fuel, research and development using low-*  
14 *enriched uranium fuel, or the modification or procurement*  
15 *of equipment and infrastructure related to such activities)*  
16 *to develop an advanced naval nuclear fuel system based on*  
17 *low-enriched uranium.*

18 **SEC. 3118. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**  
19 **ING TO SUBMISSION OF ANNUAL REPORTS**  
20 **ON UNFUNDED PRIORITIES.**

21 *Section 4716 of the Atomic Energy Defense Act (50*  
22 *U.S.C. 2756) is amended—*

23       **(1)** *by redesignating subsection (c) as subsection*  
24 *(d); and*



1 clear Reservation, Richland, Washington, the Assistant Sec-  
2 retary shall—

3 “(1) not later than two days after the date of  
4 such detection, notify the congressional defense com-  
5 mittees of such release of contamination; and

6 “(2) not later than seven days after the date of  
7 such detection, provide the congressional defense com-  
8 mittees a briefing on the status of such release of con-  
9 tamination, including—

10 “(A) the cause of the release, if known; and

11 “(B) plans to address and remediate the re-  
12 lease, including associated costs and timelines.”.

13 (b) CLERICAL AMENDMENT.—The table of contents at  
14 the beginning of such Act is amended by inserting after the  
15 item relating to section 4446 the following new item:

“Sec. 4447. Notification regarding release of contamination.”.

## 16 **Subtitle D—Other Matters**

### 17 **SEC. 3131. INCLUSION OF CAPITAL ASSETS ACQUISITION** 18 **PROJECTS IN ACTIVITIES BY DIRECTOR FOR** 19 **COST ESTIMATING AND PROGRAM EVALUA-** 20 **TION.**

21 Section 3221(h)(2) of the National Nuclear Security  
22 Administration Act (50 U.S.C. 2411(h)(2)) is amended—

23 (1) by striking “PROGRAM.—” and all that fol-  
24 lows through “, the term” and inserting “PRO-  
25 GRAM.—The term”;

1           (2) *by striking subparagraph (B); and*

2           (3) *by redesignating clauses (i) and (ii) as sub-*  
3 *paragraphs (A) and (B), respectively.*

4 **SEC. 3132. WHISTLEBLOWER PROTECTIONS.**

5           (a) *FINDINGS.—Congress finds the following:*

6           (1) *The Department of Energy and its contrac-*  
7 *tors rely to a significant extent on workers to bring*  
8 *attention to important nuclear safety concerns.*

9           (2) *The Department of Energy, including the*  
10 *National Nuclear Security Administration, have a*  
11 *strong interest in preventing whistleblower retaliation*  
12 *and in ensuring the work environment is conducive to*  
13 *employees raising concerns.*

14           (3) *Retaliation against whistleblowers can lead*  
15 *to a chilled work environment in which employees do*  
16 *not feel free to raise important safety concerns.*

17           (4) *The Comptroller General of the United States*  
18 *found in a 2016 report titled “Whistleblower Protec-*  
19 *tions Need Strengthening” that the Department of*  
20 *Energy had infrequently used its enforcement author-*  
21 *ity to hold contractors accountable for unlawful retal-*  
22 *iation, issuing only two violation notices in the past*  
23 *20 years.*

24           (5) *The Comptroller General also found that the*  
25 *Department had taken limited or no action to hold*

1        *contractors accountable for creating a chilled work en-*  
2        *vironment.*

3        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
4        *that—*

5                *(1) raising nuclear safety concerns is important*  
6        *for avoiding potentially catastrophic incidents or*  
7        *harm to workers and the public;*

8                *(2) the Department of Energy should protect*  
9        *whistleblowers and take action against contractors*  
10        *and subcontractors that retaliate against whistle-*  
11        *blowers; and*

12                *(3) such action sends a strong signal to prevent*  
13        *or limit retaliation against whistleblowers.*

14        *(c) CIVIL PENALTIES.—The Secretary of Energy, in-*  
15        *cluding by acting through the Administrator for Nuclear*  
16        *Security as appropriate, shall impose civil penalties under*  
17        *section 234 a. of the Atomic Energy Act of 1954 (42 U.S.C.*  
18        *2282(a)), as the Secretary or the Administrator determines*  
19        *appropriate, on contractors, subcontractors, and suppliers*  
20        *for violations of the rules, regulations, or orders of the De-*  
21        *partment of Energy relating to nuclear safety and radi-*  
22        *ation protection.*

23        *(d) CHILLED WORK ENVIRONMENT.—Not later than*  
24        *120 days after the date of the enactment of this Act, the*  
25        *Secretary shall clearly define what constitutes evidence of*

1 *a chilled work environment with respect to employees and*  
2 *contractors of the Department making a whistleblower com-*  
3 *plaint under section 4602 of the Atomic Energy Defense Act*  
4 *(50 U.S.C. 2702), or any other law that may provide pro-*  
5 *tection for disclosures of information by such employees or*  
6 *contractors, without fear of being discharged, demoted, or*  
7 *otherwise discriminated against as a reprisal.*

8 *(e) NOTIFICATION.—*

9 *(1) IN GENERAL.—Not later than February 1,*  
10 *2019, and each year thereafter through 2021, the Sec-*  
11 *retary of Energy shall submit to the appropriate con-*  
12 *gressional committees an annual notification on*  
13 *whether any penalties were imposed pursuant to sub-*  
14 *section (c), including a description of such penalties*  
15 *and the entities against which the penalties were im-*  
16 *posed.*

17 *(2) APPROPRIATE CONGRESSIONAL COMMIT-*  
18 *TEES.—In this subsection, the term “appropriate con-*  
19 *gressional committees” means—*

20 *(A) the congressional defense committees;*  
21 *and*

22 *(B) the Committee on Energy and Com-*  
23 *merce of the House of Representatives and the*  
24 *Committee on Energy and Natural Resources of*  
25 *the Senate.*

1 **TITLE XXXII—DEFENSE NU-**  
2 **CLEAR FACILITIES SAFETY**  
3 **BOARD**

4 **SEC. 3201. AUTHORIZATION.**

5 *There are authorized to be appropriated for fiscal year*  
6 *2019, \$31,243,000 for the operation of the Defense Nuclear*  
7 *Facilities Safety Board under chapter 21 of the Atomic En-*  
8 *ergy Act of 1954 (42 U.S.C. 2286 et seq.).*

9 **TITLE XXXIV—NAVAL**  
10 **PETROLEUM RESERVES**

11 **SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.**

12 *(a) AMOUNT.—There are hereby authorized to be ap-*  
13 *propriated to the Secretary of Energy \$10,000,000 for fiscal*  
14 *year 2019 for the purpose of carrying out activities under*  
15 *chapter 641 of title 10, United States Code, relating to the*  
16 *naval petroleum reserves.*

17 *(b) PERIOD OF AVAILABILITY.—Funds appropriated*  
18 *pursuant to the authorization of appropriations in sub-*  
19 *section (a) shall remain available until expended.*



1                   **TITLE XXXV—MARITIME**  
2                               **MATTERS**  
3                               **Subtitle A—Maritime**  
4                               **Administration**

5   **SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINIS-**  
6                               **TRATION.**

7           *There are authorized to be appropriated to the Depart-*  
8   *ment of Transportation for fiscal year 2018, to be available*  
9   *without fiscal year limitation if so provided in appropria-*  
10 *tions Acts, for programs associated with maintaining the*  
11 *United States merchant marine, the following amounts:*

12                   (1) *For expenses necessary for operations of the*  
13   *United States Merchant Marine Academy,*  
14   *\$74,593,000, of which—*

15                               (A) *\$70,593,000 shall be for Academy oper-*  
16   *ations; and*

17                               (B) *\$4,000,000 shall remain available until*  
18   *expended for capital asset management at the*  
19   *Academy.*

20                   (2) *For expenses necessary to support the State*  
21   *maritime academies, \$24,400,000, of which—*

22                               (A) *\$2,400,000 shall remain available until*  
23   *September 30, 2019, for the Student Incentive*  
24   *Program; and*

1           (B) \$22,000,000 shall remain available  
2           until expended for maintenance and repair of  
3           State maritime academy training vessels.

4           (3) For expenses necessary to support the Na-  
5           tional Security Multi-Mission Vessel Program,  
6           \$350,000,000, which shall remain available until ex-  
7           pended.

8           (4) For expenses necessary to support Maritime  
9           Administration operations and programs,  
10          \$53,435,000.

11          (5) For expenses necessary to dispose of vessels in  
12          the National Defense Reserve Fleet, \$30,000,000,  
13          which shall remain available until expended.

14          (6) For expenses necessary to maintain and pre-  
15          serve a United States flag merchant marine to serve  
16          the national security needs of the United States under  
17          chapter 531 of title 46, United States Code,  
18          \$300,000,000.

19          (7) For expenses necessary for the loan guarantee  
20          program authorized under chapter 537 of title 46,  
21          United States Code, \$33,000,000, of which—

22                 (A) \$30,000,000 may be used for the cost  
23                 (as defined in section 502(5) of the Federal Cred-  
24                 it Reform Act of 1990 (2 U.S.C. 661a(5))) of  
25                 loan guarantees under the program; and

1           (B) \$3,000,000 may be used for administra-  
2           tive expenses relating to loan guarantee commit-  
3           ments under the program.

4           (8) For expenses necessary to provide small ship-  
5           yards and maritime communities grants under sec-  
6           tion 54101 of title 46, United States Code,  
7           \$35,000,000.

8 **SEC. 3502. COMPLIANCE BY READY RESERVE FLEET VES-**  
9                           **SELS WITH SOLAS LIFEBOATS AND FIRE SUP-**  
10                           **PRESSION REQUIREMENTS.**

11           The Secretary of Defense shall, consistent with section  
12 2244a of title 10, United States Code, use authority under  
13 section 2218 of such title to make such modifications to  
14 Ready Reserve Fleet vessels as are necessary for such vessels  
15 to comply requirements for lifeboats and fire suppression  
16 under the International Convention for the Safety of Life  
17 at Sea by not later than October 1, 2021.

18 **SEC. 3503. MARITIME ADMINISTRATION NATIONAL SECU-**  
19                           **RITY MULTI-MISSION VESSEL PROGRAM.**

20           Section 3505 of the National Defense Authorization  
21 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
22 2776) is amended by adding at the end the following:

23           “(h) **LIMITATION ON USE OF FUNDS FOR USED VES-**  
24 **SELS.**—Amounts authorized by this or any other Act for  
25 use by the Maritime Administration to carry out this sec-

1 *tion may not be used for the procurement of any used ves-*  
2 *sel.”.*

3 **SEC. 3504. PERMANENT AUTHORITY OF SECRETARY OF**  
4 **TRANSPORTATION TO ISSUE VESSEL WAR**  
5 **RISK INSURANCE.**

6 *(a) IN GENERAL.—Section 53912 of title 46, United*  
7 *States Code, is repealed.*

8 *(b) CLERICAL AMENDMENT.—The table of sections at*  
9 *the beginning of chapter 539 of title 46, United States Code,*  
10 *is amended by striking the item relating to section 53912.*

11 **SEC. 3505. USE OF STATE MARITIME ACADEMY TRAINING**  
12 **VESSELS.**

13 *(a) IN GENERAL.—Section 51504(g) of title 46, United*  
14 *States Code, is amended to read as follows:*

15 *“(g) TRAINING VESSEL CAPACITY SHARING.—*

16 *“(1) IN GENERAL.—The Secretary, acting*  
17 *through the Maritime Administrator and in consulta-*  
18 *tion with the State maritime academies, implement a*  
19 *program under which State maritime academies shall*  
20 *share among such academies training vessel capacity*  
21 *provided by the Secretary as necessary to ensure that*  
22 *training needs for the purpose of training licensed*  
23 *mariners of each academy are met in periods of lim-*  
24 *ited vessel capacity that could affect required licensed*

1        *mariner training as determined by the Maritime Ad-*  
2        *ministrator.*

3            “(2) *PROGRAM REQUIREMENTS.*—*The program*  
4        *shall include—*

5                    “(A) *ways to maximize the underway train-*  
6                    *ing capacity for licensed mariners available in*  
7                    *the fleet of training vessels;*

8                    “(B) *coordinating the dates and duration of*  
9                    *training cruises with the academic calendars of*  
10                   *State maritime academies, and*

11                   “(C) *identifying ways to minimize costs as-*  
12                   *sociated with training voyages for both the Mari-*  
13                   *time Administration and the State maritime*  
14                   *academies.*

15            “(3) *ADDITIONAL FUNDING.*—*Subject to the*  
16        *availability of appropriations, the Maritime Admin-*  
17        *istrator may provide additional funding the State*  
18        *maritime academies during periods of limited train-*  
19        *ing vessel capacity, for costs associated with training*  
20        *vessel sharing.*

21            “(4) *EVALUATION AND MODIFICATION.*—*Not later*  
22        *than 30 days after the beginning of each fiscal year*  
23        *and as the Maritime Administrator determines nec-*  
24        *essary in the State maritime academy training year,*

1       *the Secretary, acting through the Maritime Adminis-*  
2       *trator, shall—*

3               “(A) *evaluate the program under this sub-*  
4               *section to determine the optimal utilization of*  
5               *State maritime academy training vessels for the*  
6               *purpose described in paragraph (1); and*

7               “(B) *modify the program as necessary to*  
8               *improve such utilization.*”.

9       (b) *DEADLINE.—The Secretary of Transportation shall*  
10       *begin implementing the program required by the amend-*  
11       *ment made by subsection (a) by not later than 180 days*  
12       *after the date of the enactment of this Act.*

## 13               ***Subtitle B—Coast Guard***

### 14       ***SEC. 3521. ALIGNMENT WITH DEPARTMENT OF DEFENSE*** 15       ***AND SEA SERVICES AUTHORITIES.***

16       (a) *PROHIBITING SEXUAL HARASSMENT; REPORT.—*

17               (1) *NOTIFICATION.—*

18               (A) *IN GENERAL.—The Commandant of the*  
19               *Coast Guard shall notify the Committee on*  
20               *Transportation and Infrastructure and the Com-*  
21               *mittee on Homeland Security of the House of*  
22               *Representatives and the Committee on Com-*  
23               *merce, Science, and Transportation of the Senate*  
24               *on August 26, 2018, if there is not in effect a*  
25               *general order or regulation prohibiting sexual*

1 harassment by members of the Coast Guard and  
2 clearly stating that a violation of such order or  
3 regulation is punishable in accordance with the  
4 *Uniform Code of Military Justice*.

5 (B) CONTENTS.—The notification required  
6 under subparagraph (A) shall include—

7 (i) details regarding the status of the  
8 drafting of such general order or regulation;

9 (ii) a projected implementation  
10 timeline for such general order or regula-  
11 tion; and

12 (iii) an explanation regarding any  
13 barriers to implementation.

14 (2) REPORT.—Section 217 of the Coast Guard  
15 Authorization Act of 2010 (Public Law 111–281; 124  
16 Stat. 2917) is amended—

17 (A) in subsection (a), by inserting “and in-  
18 cidents of sexual harassment” after “sexual as-  
19 saults”; and

20 (B) in subsection (b)—

21 (i) in paragraph (1), by inserting  
22 “and incidents of sexual harassment” after  
23 “sexual assault” each place it appears;<sup>2</sup>

1                   (ii) in paragraph (3), by inserting  
2                   “and sexual harassment” after “sexual as-  
3                   sault”; and

4                   (iii) in paragraph (4), by inserting  
5                   “and sexual harassment” after “sexual as-  
6                   sault”.

7           (b) *ANNUAL PERFORMANCE REPORT.*—

8                   (1) *IN GENERAL.*—Chapter 29 of title 14, United  
9                   States Code, is amended by adding at the end the fol-  
10                  lowing:

11       **“§ 2905. Annual performance report**

12                  “Not later than the date on which the President sub-  
13                  mits to Congress a budget pursuant to section 1105 of title  
14                  31, the Commandant of the Coast Guard shall make avail-  
15                  able on a public website and submit to the Committee on  
16                  Transportation and Infrastructure of the House of Rep-  
17                  resentatives and the Committee on Commerce, Science, and  
18                  Transportation of the Senate an update on Coast Guard  
19                  mission performance during the previous fiscal year.”.

20                  (2) *CLERICAL AMENDMENT.*—The analysis at the  
21                  beginning of such chapter is amended by adding at  
22                  the end the following:

“2905. Annual performance report.”.



1 **SEC. 3522. PRELIMINARY DEVELOPMENT AND DEMONSTRATION.**  
2 **TION.**

3 *Section 573 of title 14, United States Code, is amend-*  
4 *ed—*

5 *(1) in subsection (b)(3), by—*

6 *(A) striking “require that safety concerns*  
7 *identified” and inserting “ensure that inde-*  
8 *pendent third parties and Government employees*  
9 *that identify safety concerns”; and*

10 *(B) striking “Coast Guard shall be commu-*  
11 *nicated as” and inserting “Coast Guard commu-*  
12 *nicate such concerns as;”*

13 *(2) in subsection (b)(4), by striking “Any safety*  
14 *concerns that have been reported to the Chief Acquisi-*  
15 *tion Officer for an acquisition program or project*  
16 *shall be reported by the Commandant” and inserting*  
17 *“The Commandant shall ensure that any safety con-*  
18 *cerns that have been communicated under paragraph*  
19 *(3) for an acquisition program or project are re-*  
20 *ported”;*

21 *(3) in subsection (b)(5)—*

22 *(A) by striking the matter preceding sub-*  
23 *paragraph (A) and inserting the following:*

24 *“(5) ASSET ALREADY IN LOW, INITIAL, OR FULL-*  
25 *RATE PRODUCTION.—The Commandant shall ensure*  
26 *that if an independent third party or a Government*

1 *employee identifies a safety concern with a capability*  
2 *or asset or any subsystems of a capability or asset not*  
3 *previously identified during operational test and*  
4 *evaluation of a capability or asset already in low,*  
5 *initial, or full-rate production—”;*

6 *(B) in subparagraph (A), by inserting “the*  
7 *Commandant, through the Assistant Com-*  
8 *mandant for Capability, shall” before “notify”;*  
9 *and*

10 *(C) in subparagraph (B), by striking “no-*  
11 *tify the Chief Acquisition Officer and include in*  
12 *such notification” and inserting “the Deputy*  
13 *Commandant for Mission Support shall notify*  
14 *the Commandant and the Deputy Commandant*  
15 *for Operations of the safety concern within 50*  
16 *days after the notification required under sub-*  
17 *paragraph (A), and include in such notifica-*  
18 *tion”;* *and*

19 *(4) in subsection (c)—*

20 *(A) in paragraph (2)(A), by striking “and*  
21 *that are delivered after the date of enactment of*  
22 *the Coast Guard Authorization Act of 2010”;*  
23 *and*

1                   (B) in paragraph (5), by striking “and de-  
2                   livered after the date of enactment of the Coast  
3                   Guard Authorization Act of 2010”.

4 **SEC. 3523. CONTRACT TERMINATION.**

5           (a) *IN GENERAL.*—Chapter 17 of title 14, United  
6 States Code, is amended by inserting after section 656 the  
7 following:

8 **“§ 657. Contract termination**

9           “(a) *IN GENERAL.*—

10                   “(1) *NOTIFICATION.*—Before terminating a pro-  
11 curement or acquisition contract with a total value of  
12 more than \$1,000,000, the Commandant of the Coast  
13 Guard shall notify each vendor under such contract  
14 and require the vendor to maintain all work product  
15 related to the contract until the earlier of—

16                           “(A) not less than 1 year after the date of  
17 the notification; or

18                           “(B) the date the Commandant notifies the  
19 vendor that maintenance of such work product is  
20 no longer required.

21           “(b) *WORK PRODUCT DEFINED.*—In this section the  
22 term ‘work product’—

23                   “(1) means tangible and intangible items and  
24 information produced or possessed as a result of a  
25 contract referred to in subsection (a); and

1           “(2) includes—

2                   “(A) any completed end items;

3                   “(B) any uncompleted end items; and

4                   “(C) any property in the contractor’s pos-  
5           session in which the United States Government  
6           has an interest.

7           “(c) *PENALTY*.—A vendor that fails to maintain work  
8           product as required under subsection (a) is liable to the  
9           United States for a civil penalty of not more than \$25,000  
10          for each day on which such work product is unavailable.

11          “(d) *REPORT*.—Not later than 45 days after the end  
12          of each fiscal year, the Commandant of the Coast Guard  
13          shall provide to the Committee on Transportation and In-  
14          frastructure of the House of Representatives and the Com-  
15          mittee on Commerce, Science, and Transportation of the  
16          Senate a report detailing—

17                   “(1) all Coast Guard contracts with a total value  
18                  of more than \$1,000,000 that were terminated in the  
19                  fiscal year;

20                   “(2) all vendors who were notified under sub-  
21                  section (a)(1) in the fiscal year, and the date of such  
22                  notification;

23                   “(3) all criminal, administrative, and other in-  
24                  vestigations regarding any contract with a total value

1 of more than \$1,000,000 that were initiated by the  
2 Coast Guard in the fiscal year;

3 “(4) all criminal, administrative, and other in-  
4 vestigations regarding contracts with a total value of  
5 more than \$1,000,000 that were completed by the  
6 Coast Guard in the fiscal year; and

7 “(5) an estimate of costs incurred by the Coast  
8 Guard, including contract line items and termination  
9 costs, as a result of the requirements of this section.”.

10 (b) *CLERICAL AMENDMENT.*—The analysis at the be-  
11 ginning of such chapter is amended by inserting after the  
12 item relating to section 656 the following:

“657. Contract termination.”.

13 **SEC. 3524. REIMBURSEMENT FOR TRAVEL EXPENSES.**

14 The text of section 518 of title 14, United States Code  
15 is amended to read as follows:

16 “In any case in which a covered beneficiary (as defined  
17 in section 1072(5) of title 10) resides on an island that is  
18 located in the 48 contiguous States and the District of Co-  
19 lumbia and that lacks public access roads to the mainland,  
20 the Secretary shall reimburse the reasonable travel expenses  
21 of the covered beneficiary and, when accompaniment by an  
22 adult is necessary, for a parent or guardian of the covered  
23 beneficiary or another member of the covered beneficiary’s  
24 family who is at least 21 years of age, if—

1           “(1) the covered beneficiary is referred by a pri-  
2           mary care physician to a specialty care provider (as  
3           defined in section 1074i(b) of title 10) on the main-  
4           land who provides services less than 100 miles from  
5           the location where the beneficiary resides; or

6           “(2) the Coast Guard medical regional manager  
7           for the area in which such island is located deter-  
8           mines that the covered beneficiary requires services of  
9           a primary care, specialty care, or dental provider  
10          and such a provider who is part of the network of  
11          providers of a TRICARE program (as that term is  
12          defined in section 1072(7) of title 10) does not prac-  
13          tice on such island.”.

14 **SEC. 3525. CAPITAL INVESTMENT PLAN.**

15          Section 2902(a) of title 14, United States Code, is  
16          amended—

17                 (1) by striking “On the date” and inserting “Not  
18                 later than 60 days after the date”;

19                 (2) in paragraph (1)(D), by striking “and”; and

20                 (3) by inserting after paragraph (1)(E) the fol-  
21                 lowing:

22                         “(F) projected commissioning and decom-  
23                         missioning dates for each asset; and”.

1 **SEC. 3526. MAJOR ACQUISITION PROGRAM RISK ASSESS-**  
2 **MENT.**

3 (a) *IN GENERAL.*—Chapter 29 of title 14, United  
4 States Code, as amended by section 3521(b)(1) of this Act,  
5 is further amended by adding at the end the following:

6 **“§ 2906. Major acquisition program risk assessment**

7 “(a) *IN GENERAL.*—Not later than April 15 and Octo-  
8 ber 15 of each year, the Commandant of the Coast Guard  
9 shall provide to the Committee on Transportation and In-  
10 frastructure of the House of Representatives and the Com-  
11 mittee on Commerce, Science, and Transportation of the  
12 Senate a briefing regarding a current assessment of the  
13 risks associated with all current major acquisition pro-  
14 grams, as that term is defined in section 2903(f).

15 “(b) *ELEMENTS.*—Each assessment under this sub-  
16 section shall include, for each current major acquisition  
17 program, discussion of the following:

18 “(1) *The top five current risks to such program.*

19 “(2) *Any failure of such program to demonstrate*  
20 *a key performance parameter or threshold during*  
21 *operational test and evaluation conducted during the*  
22 *2 fiscal-year quarters preceding such assessment.*

23 “(3) *Whether there has been any decision in such*  
24 *2 fiscal-year quarters to order full-rate production be-*  
25 *fore all key performance parameters or thresholds are*  
26 *met.*

1           “(4) Whether there has been any breach of major  
2           acquisition program cost (as defined by the Major  
3           Systems Acquisition Manual) in such 2 fiscal-year  
4           quarters.

5           “(5) Whether there has been any breach of major  
6           acquisition program schedule (as so defined) during  
7           such 2 fiscal-year quarters.”.

8           (b) *CLERICAL AMENDMENT.*—The analysis at the be-  
9           ginning of such chapter is further amended by adding at  
10          the end the following:

          “2906. Major acquisition program risk assessment.”.

11          (c) *CONFORMING AMENDMENTS.*—Section 2903 of title  
12          14, United States Code, is amended—

13                 (1) by striking subsection (f); and

14                 (2) by redesignating subsection (g) as subsection  
15                 (f).

16          **SEC. 3527. MARINE SAFETY IMPLEMENTATION STATUS.**

17          On the date on which the President submits to Con-  
18          gress a budget for fiscal year 2020 under section 1105 of  
19          title 31, and on such date for each of the 2 subsequent years,  
20          the Commandant of the Coast Guard shall submit to the  
21          Committee on Transportation and Infrastructure of the  
22          House of Representatives and the Committee on Commerce,  
23          Science, and Transportation of the Senate a report on the  
24          status of implementation of each action outlined in the



1 *Commandant's final action memo dated December 19,*  
2 *2017.*

3 **SEC. 3528. RETIREMENT OF VICE COMMANDANT.**

4 *(a) IN GENERAL.—Section 46 of title 14, United*  
5 *States Code, is amended—*

6 *(1) in the section heading, by inserting “or*  
7 ***Vice Commandant****” after “Commandant”;*

8 *(2) by redesignating subsection (a) as subsection*  
9 *(a)(1);*

10 *(3) by adding at the end of subsection (a) the fol-*  
11 *lowing:*

12 *“(2) A Vice Commandant who is not reappointed*  
13 *or appointed Commandant shall be retired with the*  
14 *grade of admiral at the expiration of the appointed*  
15 *term, except as provided in section 51(d).”;*

16 *(4) in subsections (b) and (c), by inserting “or*  
17 *Vice Commandant” after “Commandant” each place*  
18 *it appears; and*

19 *(5) in subsection (c), by striking “his” and in-*  
20 *serting “the officer’s”.*

21 *(b) CONFORMING AMENDMENT.—Section 51 of title 14,*  
22 *United States Code, is amended by striking “other than the*  
23 *Commandant,” each place it appears and inserting “other*  
24 *than the Commandant or Vice Commandant,”.*

1           (c) *CLERICAL AMENDMENT.*—*The analysis at the be-*  
 2 *ginning of chapter 3 of title 14, United States Code, is*  
 3 *amended by striking the item relating to section 46 and*  
 4 *inserting the following:*

“46. *Retirement of Commandant or Vice Commandant.*”.

5 **SEC. 3529. LARGE COMMERCIAL YACHT CODE.**

6           *The Secretary of the department in which the Coast*  
 7 *Guard is operating, acting through the Commandant of the*  
 8 *Coast Guard, shall develop a Large Commercial Yacht code*  
 9 *for recreational vessels over 300 gross tons as measured*  
 10 *under section 14502 of title 46, United States Code, or an*  
 11 *alternate tonnage measured under section 14302 of such*  
 12 *title (as prescribed by the Secretary under section 14104*  
 13 *of such title), that is comparable to the Code of Safe Prac-*  
 14 *tice for Large Commercial Yachts (commonly referred to as*  
 15 *the “Large Commercial Yacht Code”), as published by the*  
 16 *Maritime and Coast Guard of the United Kingdom. The*  
 17 *Secretary shall complete such code by no later than one year*  
 18 *after the date of the enactment of this Act.*

19           ***Subtitle C—Coast Guard and***  
 20           ***Shipping Technical Corrections***

21           ***CHAPTER 1—COAST GUARD***

22 **SEC. 3531. COMMANDANT DEFINED.**

23           (a) *IN GENERAL.*—*Chapter 1 of title 14, United States*  
 24 *Code, is amended by adding at the end the following:*

1 **“§ 5. Commandant defined**

2       *“In this title, the term ‘Commandant’ means the Com-*  
3 *mandant of the Coast Guard.”.*

4       **(b) CLERICAL AMENDMENT.**—*The analysis for chapter*  
5 *1 of title 14, United States Code, is amended by adding*  
6 *at the end the following:*

*“5. Commandant defined.”.*

7       **(c) CONFORMING AMENDMENTS.**—*Title 14, United*  
8 *States Code, is amended—*

9           *(1) in section 58(a) by striking “Commandant of*  
10 *the Coast Guard” and inserting “Commandant”;*

11           *(2) in section 101 by striking “Commandant of*  
12 *the Coast Guard” and inserting “Commandant”;*

13           *(3) in section 693 by striking “Commandant of*  
14 *the Coast Guard” and inserting “Commandant”;*

15           *(4) in section 672a(a) by striking “Commandant*  
16 *of the Coast Guard” and inserting “Commandant”;*

17           *(5) in section 678(a) by striking “Commandant*  
18 *of the Coast Guard” and inserting “Commandant”;*

19           *(6) in section 561(a) by striking “Commandant*  
20 *of the Coast Guard” and inserting “Commandant”;*

21           *(7) in section 577(a) by striking “Commandant*  
22 *of the Coast Guard” and inserting “Commandant”;*

23           *(8) in section 581—*

24                   *(A) by striking paragraph (4); and*

1           (B) by redesignating paragraphs (5)  
2           through (12) as paragraphs (4) through (11), re-  
3           spectively;

4           (9) in section 200(a) by striking “Commandant  
5           of the Coast Guard” and inserting “Commandant”;

6           (10) in section 196(b)(1) by striking “Com-  
7           mandant of the Coast Guard” and inserting “Com-  
8           mandant”;

9           (11) in section 199 by striking “Commandant of  
10          the Coast Guard” and inserting “Commandant”;

11          (12) in section 429(a)(1) by striking “Com-  
12          mandant of the Coast Guard” and inserting “Com-  
13          mandant”;

14          (13) in section 423(a)(2) by striking “Com-  
15          mandant of the Coast Guard” and inserting “Com-  
16          mandant”;

17          (14) in section 2702(5) by striking “Com-  
18          mandant of the Coast Guard” and inserting “Com-  
19          mandant”;

20          (15) in section 2902(a) by striking “Com-  
21          mandant of the Coast Guard” and inserting “Com-  
22          mandant”; and

23          (16) in section 2903(f)(1) by striking “Com-  
24          mandant of the Coast Guard” and inserting “Com-  
25          mandant”.

1 **SEC. 3532. TRAINING COURSE ON WORKINGS OF CONGRESS.**

2 *Section 60(d) of title 14, United States Code, is*  
3 *amended to read as follows:*

4 *“(d) COMPLETION OF REQUIRED TRAINING.—A Coast*  
5 *Guard flag officer who is newly appointed or assigned to*  
6 *a billet in the National Capital Region, and a Coast Guard*  
7 *Senior Executive Service employee who is newly employed*  
8 *in the National Capital Region, shall complete a training*  
9 *course that meets the requirements of this section not later*  
10 *than 60 days after reporting for duty.”.*

11 **SEC. 3533. MISCELLANEOUS.**

12 *(a) SECRETARY; GENERAL POWERS.—Section 92 of*  
13 *title 14, United States Code, is amended by redesignating*  
14 *subsections (f) through (i) as subsections (e) through (h),*  
15 *respectively.*

16 *(b) COMMANDANT; GENERAL POWERS.—Section*  
17 *93(a)(21) of title 14, United States Code, is amended by*  
18 *striking “section 30305(a)” and inserting “section*  
19 *30305(b)(7)”.*

20 *(c) ENLISTED MEMBERS.—*

21 *(1) DEPARTMENT OF THE ARMY AND DEPART-*  
22 *MENT OF THE AIR FORCE.—Section 144(b) of title 14,*  
23 *United States Code, is amended by striking “enlisted*  
24 *men” each place it appears and inserting “enlisted*  
25 *members”.*

1           (2) *NAVY DEPARTMENT.*—Section 145(b) of title  
2           14, United States Code, is amended by striking “en-  
3           listed men” each place it appears and inserting “en-  
4           listed members”.

5           (3) *PURCHASE OF COMMISSARY AND QUARTER-*  
6           *MASTER SUPPLIES.*—Section 4 of the Act of May 22,  
7           1926 (44 Stat. 626, chapter 371; 33 U.S.C. 754a), is  
8           amended by striking “enlisted men” and inserting  
9           “enlisted members”.

10          (d) *ARCTIC MARITIME TRANSPORTATION.*—Section  
11          90(f) of title 14, United States Code, is amended by striking  
12          the question mark.

13          (e) *LONG-TERM LEASE AUTHORITY FOR LIGHTHOUSE*  
14          *PROPERTY.*—Section 672a(a) of title 14, United States  
15          Code, as amended by this Act, is further amended by strik-  
16          ing “Section 321 of chapter 314 of the Act of June 30, 1932  
17          (40 U.S.C. 303b)” and inserting “Section 1302 of title 40”.

18          (f) *REQUIRED CONTRACT TERMS.*—Section 565 of title  
19          14, United States Code, is amended—

20                 (1) in subsection (a) by striking “awarded or  
21                 issued by the Coast Guard after the date of enactment  
22                 of the Coast Guard Authorization Act of 2010”; and

23                 (2) in subsection (b)(1) by striking “after the  
24                 date of enactment of the Coast Guard Authorization  
25                 Act of 2010”.

1           (g) *ACQUISITION PROGRAM BASELINE BREACH.*—Section  
2   tion 575(c) of title 14, United States Code, is amended by  
3   striking “certification, with a supporting explanation,  
4   that” and inserting “determination, with a supporting ex-  
5   planation, of whether”.

6           (h) *ENLISTMENTS; TERM, GRADE.*—Section 351(a) of  
7   title 14, United States Code, is amended by inserting “the  
8   duration of their” before “minority”.

9           (i) *MEMBERS OF THE AUXILIARY; STATUS.*—Section  
10  823a(b)(9) of title 14, United States Code, is amended by  
11  striking “On or after January 1, 2001, section” and insert-  
12  ing “Section”.

13          (j) *USE OF MEMBER’S FACILITIES.*—Section 826(b) of  
14  title 14, United States Code, is amended by striking “sec-  
15  tion 154 of title 23, United States Code” and inserting “sec-  
16  tion 30102 of title 49”.

17          (k) *AVAILABILITY OF APPROPRIATIONS.*—Section  
18  830(b) of title 14, United States Code, is amended by strik-  
19  ing “1954” and inserting “1986”.

20  **SEC. 3534. DEPARTMENT OF DEFENSE CONSULTATION.**

21          Section 566 of title 14, United States Code, is amend-  
22  ed—

23               (1) in subsection (b) by striking “enter into” and  
24               inserting “maintain”; and

25               (2) by striking subsection (d).

1 **SEC. 3535. REPEAL.**

2 *Section 568 of title 14, United States Code, and the*  
3 *item relating to that section in the analysis for chapter 15*  
4 *of that title, are repealed.*

5 **SEC. 3536. MISSION NEED STATEMENT.**

6 *Section 569 of title 14, United States Code, is—*

7 *(1) amended in subsection (a)—*

8 *(A) by striking “for fiscal year 2016” and*  
9 *inserting “for fiscal year 2019”; and*

10 *(B) by striking “, on the date on which the*  
11 *President submits to Congress a budget for fiscal*  
12 *year 2019 under such section,”.*

13 **SEC. 3537. CONTINUATION ON ACTIVE DUTY.**

14 *Section 290(a) of title 14, United States Code, is*  
15 *amended by striking “Officers, other than the Commandant,*  
16 *-serving” and inserting “Officers serving”.*

17 **SEC. 3538. SYSTEM ACQUISITION AUTHORIZATION.**

18 *(a) REQUIREMENT FOR PRIOR AUTHORIZATION OF*  
19 *APPROPRIATIONS.—Section 2701(2) of title 14, United*  
20 *States Code, is amended by striking “and aircraft” and in-*  
21 *serting “aircraft, and systems”.*

22 *(b) AUTHORIZATION OF APPROPRIATIONS.—Section*  
23 *2702(2) of title 14, United States Code, is amended by strik-*  
24 *ing “and aircraft” and inserting “aircraft, and systems”.*



1 **SEC. 3539. INVENTORY OF REAL PROPERTY.**

2 *Section 679 of title 14, United States Code, is amend-*  
3 *ed—*

4 *(1) in subsection (a) by striking “Not later than*  
5 *September 30, 2015, the Commandant shall establish”*  
6 *and inserting “The Commandant shall maintain”;*  
7 *and*

8 *(2) by striking subsection (b) and inserting the*  
9 *following:*

10 *“(b) UPDATES.—The Commandant shall update infor-*  
11 *mation on each unit of real property included in the inven-*  
12 *tory required under subsection (a) not later than 30 days*  
13 *after any change relating to the control of such property.”.*

14 **CHAPTER 2—MARITIME TRANSPORTATION**

15 **SEC. 3541. DEFINITIONS.**

16 *(a) IN GENERAL.—*

17 *(1) Section 2101 of title 46, United States Code,*  
18 *is amended—*

19 *(A) by inserting after paragraph (4) the fol-*  
20 *lowing:*

21 *“( ) ‘Commandant’ means the Commandant of*  
22 *the Coast Guard.”;*

23 *(B) by striking the semicolon at the end of*  
24 *paragraph (14) and inserting a period; and*

1           (C) by redesignating the paragraphs of such  
2           section in order as paragraphs (1) through (54),  
3           respectively.

4           (2) Section 3701 of title 46, United States Code,  
5           is amended by redesignating paragraphs (3) and (4)  
6           as paragraphs (2) and (3) respectively.

7           (b) CONFORMING AMENDMENTS.—

8           (1) Section 114(o)(3) of the Marine Mammal  
9           Protection Act of 1972 (16 U.S.C. 1383a(o)(3)) is  
10          amended—

11           (A) by striking “section 2101(11a)” and in-  
12           serting “section 2101(12)”; and

13           (B) by striking “section 2101(11b)” and in-  
14           serting “section 2101(13)”.

15           (2) Section 3(3) of the Magnuson-Stevens Fish-  
16           ery Conservation and Management Act (16 U.S.C.  
17           1802(3)), is amended by striking “section 2101(21a)”  
18           and inserting “section 2101(30)”.

19           (3) Section 1992(d)(7) of title 18, United States  
20           Code, is amended by striking “section 2101(22)” and  
21           inserting “section 2101(31)”.

22           (4) Section 12(c) of the Fishermen’s Protective  
23           Act of 1967 (22 U.S.C. 1980b(c)) is amended by strik-  
24           ing “section 2101(11a)” and inserting “section  
25           2101(12)”.

1           (5) *Section 311(a)(26)(D) of the Federal Water*  
2 *Pollution Control Act (33 U.S.C. 1321(a)(26)(D)) is*  
3 *amended by striking “section 2101(17a)” and insert-*  
4 *ing “section 2101(23)”.*

5           (6) *Section 2113(3) of title 46, United States*  
6 *Code, is amended by striking “section 2101(42)(A)”*  
7 *and inserting “section 2101(51)(A)”.*

8           (7) *Section 2116(d)(1) of title 46, United States*  
9 *Code, is amended by striking “Coast Guard Com-*  
10 *mandant” and inserting “Commandant”.*

11           (8) *Section 3202(a)(1)(A) of title 46, United*  
12 *States Code, is amended by striking “section*  
13 *2101(21)(A)” and inserting “section 2101(29)(A)”.*

14           (9) *Section 3507 of title 46, United States Code,*  
15 *is amended—*

16                   (A) *in subsection (k)(1), by striking “section*  
17 *2101(22)” and inserting “section 2101(31)”;* and

18                   (B) *by striking subsection (l) and inserting*  
19 *the following:*

20           “(l) *DEFINITION.—In this section and section 3508,*  
21 *the term ‘owner’ means the owner, charterer, managing op-*  
22 *erator, master, or other individual in charge of a vessel.”.*

23           (10) *Section 4105 of title 46, United States*  
24 *Code, is amended—*

1           (A) in subsection (b)(1), by striking “section  
2           2101(42)” and inserting “section 2101(51)”; and

3           (B) in subsection (c), by striking “section  
4           2101(42)(A)” and inserting “section  
5           2101(51)(A)”.

6           (11) Section 6101(i)(4) of title 46, United States  
7           Code, is amended by striking “of the Coast Guard”.

8           (12) Section 7510(c)(1) of title 46, United States  
9           Code, is amended by striking “Commandant of the  
10          Coast Guard” and inserting “Commandant”.

11          (13) Section 7706(a) of title 46, United States  
12          Code, is amended by striking “of the Coast Guard”.

13          (14) Section 8108(a)(1) of title 46, United States  
14          Code, is amended by striking “of the Coast Guard”.

15          (15) Section 12119(a)(3) of title 46, United  
16          States Code, is amended by striking “section  
17          2101(20)” and inserting “section 2101(26)”.

18          (16) Section 80302(d) of title 46, United States  
19          Code, is amended by striking “of the Coast Guard”  
20          the first place it appears.

21          (17) Section 1101 of title 49, United States  
22          Code, is amended by striking “Section 2101(17a)”  
23          and inserting “Section 2101(23)”.

1 **SEC. 3542. AUTHORITY TO EXEMPT VESSELS.**

2 (a) *IN GENERAL.*—Section 2113 of title 46, United  
3 States Code, is amended—

4 (1) by adding “and” after the semicolon at the  
5 end of paragraph (3); and

6 (2) by striking paragraphs (4) and (5) and in-  
7 serting the following:

8 “(4) maintain different structural fire protec-  
9 tion, manning, operating, and equipment require-  
10 ments for vessels that satisfied requirements set forth  
11 in the Passenger Vessel Safety Act of 1993 (Public  
12 Law 103–206) before June 21, 1994.”.

13 (b) *CONFORMING AMENDMENTS.*—Section 3306(i) of  
14 title 46, United States Code, is amended by striking “sec-  
15 tion 2113(5)” and inserting “section 2113(4)”.

16 **SEC. 3543. PASSENGER VESSELS.**

17 (a) Section 3507 of title 46, United States Code, is  
18 amended—

19 (1) by striking subsection (a)(3);

20 (2) in subsection (e)(2), by striking “services  
21 confidential” and inserting “services as confidential”;  
22 and

23 (3) in subsection (i), by striking “Within 6  
24 months after the date of enactment of the Cruise Ves-  
25 sel Security and Safety Act of 2010, the Secretary

1       *shall issue” and insert “The Secretary shall main-*  
2       *tain”.*

3       *(b) Section 3508 of title 46, United States Code, is*  
4       *amended—*

5             *(1) in subsection (a), by striking “Within 1 year*  
6       *after the date of enactment of the Cruise Vessel Secu-*  
7       *rity and Safety Act of 2010, the” and inserting*  
8       *“The”, and by striking “develop” and inserting*  
9       *“maintain”;*

10            *(2) in subsection (c), by striking “Beginning 2*  
11       *years after the standards are established under sub-*  
12       *section (b), no” and inserting “No”;*

13            *(3) by striking subsection (d) and redesignating*  
14       *subsections (e) and (f) as subsections (d) and (e), re-*  
15       *spectively; and*

16            *(4) in subsection (e), as redesignated by para-*  
17       *graph (3), by striking “subsection (e)” each place it*  
18       *appears and inserting “subsection (d)”.*

19       **SEC. 3544. TANK VESSELS.**

20       *(a) Section 3703a of title 46, United States Code, is*  
21       *amended—*

22            *(1) in subsection (b), by striking paragraph (3)*  
23       *and redesignating paragraphs (4), (5), and (6) as*  
24       *paragraphs (3), (4), and (5), respectively;*

25            *(2) in subsection (c)(2)—*

1           (A) by striking “that is delivered” and in-  
2           serting “that was delivered”;

3           (B) by striking “that qualifies” and insert-  
4           ing “that qualified”; and

5           (C) by striking “after January 1, 2015,”;

6           (3) in subsection (c)(3)—

7           (A) by striking “that is delivered” and in-  
8           serting “that was delivered”; and

9           (B) by striking “that qualifies” and insert-  
10          ing “that qualified”;

11          (4) by striking subsection (c)(3)(A) and inserting  
12          the following:

13               “(A) in the case of a vessel of at least 5,000 gross  
14               tons but less than 15,000 gross tons as measured  
15               under section 14502, or an alternate tonnage meas-  
16               ured under section 14302 as prescribed by the Sec-  
17               retary under section 14104, if the vessel is 25 years  
18               old or older and has a single hull, or is 30 years old  
19               or older and has a double bottom or double sides;”;

20          (5) by striking subsection (c)(3)(B) and inserting  
21          the following:

22               “(B) in the case of a vessel of at least 15,000  
23               gross tons but less than 30,000 gross tons as measured  
24               under section 14502, or an alternate tonnage meas-  
25               ured under section 14302 as prescribed by the Sec-

1        *retary under section 14104, if the vessel is 25 years*  
2        *old or older and has a single hull, or is 30 years old*  
3        *or older and has a double bottom or double sides;*  
4        *and”;*

5                *(6) by striking subsection (c)(3)(C) and inserting*  
6        *the following:*

7                *“(C) in the case of a vessel of at least 30,000*  
8        *gross tons as measured under section 14502, or an al-*  
9        *ternate tonnage measured under section 14302 as pre-*  
10        *scribed by the Secretary under section 14104, if the*  
11        *vessel is 23 years old or older and has a single hull,*  
12        *or is 28 years old or older and has a double bottom*  
13        *or double sides.”; and*

14                *(7) in subsection (e)—*

15                        *(A) in paragraph (1), by striking “and ex-*  
16        *cept as otherwise provided in paragraphs (2)*  
17        *and (3) of this subsection”;* and

18                        *(B) by striking paragraph (2) and redesign-*  
19        *ating paragraph (3) as paragraph (2).*

20        *(b) Section 3705 of title 46, United States Code, is*  
21        *amended—*

22                *(1) in subsection (b)—*

23                        *(A) by striking paragraph (2);*

24                        *(B) by striking “(1)”;* and



1           (C) by redesignating subparagraphs (A)  
2           and (B) as paragraphs (1) and (2), respectively;  
3           and

4           (2) in subsection (c), by striking “before January  
5           2, 1986, or the date on which the tanker reaches 15  
6           years of age, whichever is later”.

7           (c) Section 3706(d) of title 46, United States Code, is  
8           amended by striking “before January 2, 1986, or the date  
9           on which it reaches 15 years of age, whichever is later”.

10          (d) Section 1001(32)(A) of the Oil Pollution Act of  
11          1990 (33 U.S.C. 2701(32)(A)) is amended by striking  
12          “(other than a vessel described in section 3703a(b)(3) of title  
13          46, United States Code)”.

14          **SEC. 3545. GROUNDS FOR DENIAL OR REVOCATION.**

15          (a) Section 7503 of title 46, United States Code, is  
16          amended to read as follows:

17          **“§ 7503. Dangerous drugs as grounds for denial**

18          “A license, certificate of registry, or merchant mari-  
19          ner’s document authorized to be issued under this part may  
20          be denied to an individual who—

21                  “(1) within 10 years before applying for the li-  
22                  cense, certificate, or document, has been convicted of  
23                  violating a dangerous drug law of the United States  
24                  or of a State; or



1           (f) Section 7702(c)(1) of title 46, United States Code,  
2 is amended by striking “section 206(b)(4) of the National  
3 Driver Register Act of 1982 (23 U.S.C. 401 note)” and in-  
4 serting “section 30305(b)(7) of title 49”.

5           (g) Section 8106(f) of title 46, United States Code, is  
6 amended by striking paragraph (3) and inserting the fol-  
7 lowing:

8                   “(3) CONTINUING VIOLATIONS.—The maximum  
9 amount of a civil penalty for a violation under this  
10 subsection shall be \$100,000.”

11          (h) Section 8703 of title 46, United States Code, is  
12 amended by redesignating subsection (c) as subsection (b).

13          (i) Section 11113 of title 46, United States Code, is  
14 amended—

15                   (1) in subsection (a)(4)(A) by striking “para-  
16 graph (2)” and inserting “paragraph (3)”; and

17                   (2) in subsection (c)(2)(B)—

18                           (A) by striking “section 2(9)(a)” and in-  
19 serting “section 2(a)(9)(A)”; and

20                           (B) by striking “33 U.S.C. 1901(9)(a)” and  
21 inserting “33 U.S.C. 1901(a)(9)(A)”.

22          (j) Section 12113(d)(2)(C)(iii) of title 46, United  
23 States Code, is amended by striking “118 Stat. 2887)” and  
24 inserting “118 Stat. 2887))”.

1       (k) Section 13107(c)(2) of title 46, United States Code,  
2 is amended by striking “On and after October 1, 2016, no”  
3 and inserting “No”.

4       (l) Section 31322(a)(4)(B) of title 46, United States  
5 Code, is amended by striking “state” and inserting “State”.

6       (m) Section 52101(d) of title 46, United States Code,  
7 is amended by striking “(50 App. U.S.C. 459(a))” and in-  
8 serting “(50 U.S.C. 3808(a))”.

9       (n) The analysis for chapter 531 of title 46, United  
10 States Code, is amended by striking the item relating to  
11 section 53109:

12       (o) Section 53106(a)(1) of title 46, United States Code,  
13 is amended by striking subparagraphs (A), (B), (C), and  
14 (D), and by redesignating subparagraphs (E), (F), and (G)  
15 as subparagraphs (A), (B), and (C), respectively.

16       (p) Section 53111 of title 46, United States Code, is  
17 amended by striking paragraphs (1) through (4), and by  
18 redesignating paragraphs (5), (6), and (7) as paragraphs  
19 (1), (2), and (3), respectively.

20       (q) Section 53501 of title 46, United States Code, is  
21 amended—

22           (1) in paragraph (5)(A)(iii), by striking “trans-  
23 portation trade trade or” and inserting “transpor-  
24 tation trade or”;

1           (2) by redesignating paragraph (8) as para-  
2           graph (9);

3           (3) by striking the second paragraph (7) (relat-  
4           ing to the definition of “United States foreign  
5           trade”); and

6           (4) by inserting after the first paragraph (7) the  
7           following:

8           “(8) UNITED STATES FOREIGN TRADE.—The  
9           term ‘United States foreign trade’ includes those areas  
10          in domestic trade in which a vessel built with a con-  
11          struction-differential subsidy is allowed to operate  
12          under the first sentence of section 506 of the Merchant  
13          Marine Act, 1936.”.

14          (r) Section 54101(f) of title 46, United States Code,  
15          is amended by striking paragraph (2) and inserting the fol-  
16          lowing:

17                 “(2) MINIMUM STANDARDS FOR PAYMENT OR RE-  
18                 IMBURSEMENT.—Each application submitted under  
19                 paragraph (1) shall include a comprehensive descrip-  
20                 tion of—

21                         “(A) the need for the project;

22                         “(B) the methodology for implementing the  
23                         project; and

1           “(C) any existing programs or arrange-  
2           ments that can be used to supplement or leverage  
3           assistance under the program.”.

4           (s) Section 55305(d)(2)(D) of title 46, United States  
5 Code, is amended by striking “421(c)(1)” and inserting  
6 “1303(a)(1)”.

7           (t) The analysis for chapter 575 of title 46, United  
8 States Code, is amended in the item relating to section  
9 57533 by adding a period at the end.

10          (u) Section 57532(d) of title 46, United States Code,  
11 is amended by striking “(50 App. U.S.C. 1291(a), (c),  
12 1293(c), 1294)” and inserting “(50 U.S.C. 4701(a), (c),  
13 4703(c), and 4704)”.

14          (v) Section 60303(c) of title 46, United States Code,  
15 is amended in by striking “Subsection (a) section does” and  
16 inserting “Subsection (a) does”.

17 **SEC. 3547. MISCELLANEOUS CORRECTIONS TO OIL POLLU-**  
18 **TION ACT OF 1990.**

19          (a) Section 2 of the Oil Pollution Act of 1990 (33  
20 U.S.C. 2701 note) is amended by—

21               (1) inserting after the item relating to section  
22               5007 the following:

              “Sec. 5008. North Pacific Marine Research Institute.”.

23               (2) striking the item relating to section 6003.

1       (b) Section 1003(d)(5) of the Oil Pollution Act of 1990  
2 (33 U.S.C. 2703(d)(5)) is amended by inserting “section”  
3 before “1002(a)”.

4       (c) Section 1004(d)(2)(C) of the Oil Pollution Act of  
5 1990 (33 U.S.C. 2704(d)(2)(C)) is amended by striking  
6 “under this subparagraph (A)” and inserting “under sub-  
7 paragraph (A)”.

8       (d) Section 4303 of the Oil Pollution Act of 1990 (33  
9 U.S.C. 2716a) is amended—

10           (1) in subsection (a), by striking “subsection  
11 (c)(2)” and inserting “subsection (b)(2)”; and

12           (2) in subsection (b), by striking “this section  
13 1016” and inserting “section 1016”.

14       (e) Section 5002(l)(2) of the Oil Pollution Act of 1990  
15 (33 U.S.C. 2732(l)(2)) is amended by striking “General Ac-  
16 counting Office” and inserting “Government Accountability  
17 Office”.

18 **SEC. 3548. MISCELLANEOUS CORRECTIONS.**

19       (a) Section 1 of the Act of June 15, 1917 (chapter 30;  
20 50 U.S.C. 191), is amended by striking “the Secretary of  
21 the Treasury” and inserting “the Secretary of the depart-  
22 ment in which the Coast Guard is operating”.

23       (b) Section 5(b) of the Act entitled “An Act to regulate  
24 the construction of bridges over navigable waters”, approved  
25 March 23, 1906, popularly known as the Bridge Act of 1906

1 *(chapter 1130; 33 U.S.C. 495(b)), is amended by striking*  
2 *“\$5,000 for a violation occurring in 2004; \$10,000 for a*  
3 *violation occurring in 2005; \$15,000 for a violation occur-*  
4 *ring in 2006; \$20,000 for a violation occurring in 2007;*  
5 *and”.*

6 *(c) Section 5(f) of the Act to Prevent Pollution from*  
7 *Ships (33 U.S.C. 1904(f)) is amended to read as follows:*

8 *“(f) SHIP CLEARANCE; REFUSAL OR REVOCATION.—*  
9 *If a ship is under a detention order under this section, the*  
10 *Secretary may refuse or revoke the clearance required by*  
11 *section 60105 of title 46, United States Code.”.*

## 12 ***DIVISION D—FUNDING TABLES***

### 13 ***SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-*** 14 ***BLES.***

15 *(a) IN GENERAL.—Whenever a funding table in this*  
16 *division specifies a dollar amount authorized for a project,*  
17 *program, or activity, the obligation and expenditure of the*  
18 *specified dollar amount for the project, program, or activity*  
19 *is hereby authorized, subject to the availability of appro-*  
20 *priations.*

21 *(b) MERIT-BASED DECISIONS.—A decision to commit,*  
22 *obligate, or expend funds with or to a specific entity on*  
23 *the basis of a dollar amount authorized pursuant to sub-*  
24 *section (a) shall—*



1           (1) *be based on merit-based selection procedures*  
2           *in accordance with the requirements of sections*  
3           *2304(k) and 2374 of title 10, United States Code, or*  
4           *on competitive procedures; and*

5           (2) *comply with other applicable provisions of*  
6           *law.*

7           (c) *RELATIONSHIP TO TRANSFER AND PROGRAMMING*  
8           *AUTHORITY.—An amount specified in the funding tables in*  
9           *this division may be transferred or reprogrammed under*  
10           *a transfer or reprogramming authority provided by another*  
11           *provision of this Act or by other law. The transfer or re-*  
12           *programming of an amount specified in such funding tables*  
13           *shall not count against a ceiling on such transfers or*  
14           *reprogrammings under section 1001 or section 1512 of this*  
15           *Act or any other provision of law, unless such transfer or*  
16           *reprogramming would move funds between appropriation*  
17           *accounts.*

18           (d) *APPLICABILITY TO CLASSIFIED ANNEX.—This sec-*  
19           *tion applies to any classified annex that accompanies this*  
20           *Act.*

21           (e) *ORAL AND WRITTEN COMMUNICATIONS.—No oral*  
22           *or written communication concerning any amount specified*  
23           *in the funding tables in this division shall supersede the*  
24           *requirements of this section.*

1 **TITLE XLI—PROCUREMENT**

2 **SEC. 4101. PROCUREMENT.**

| <b>SEC. 4101. PROCUREMENT</b><br><i>(In Thousands of Dollars)</i> |   |                            |                             |
|---|---|----------------------------|-----------------------------|
| <b>Line</b>   | <b>Item</b>   | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
| <b>AIRCRAFT PROCUREMENT, ARMY</b>                                 |   |                            |                             |
| <b>FIXED WING</b>   |   |                            |                             |
| 002   | UTILITY F/W AIRCRAFT .....  | 744                        | 744                         |
| 003   | MQ-1 UAV .....  | 43,326                     | 103,326                     |
|   | MQ-1 Gray Eagle Service Life Extension Program .....                |                            | [60,000]                    |
| 004   | RQ-11 (RAVEN) .....   | 46,416                     | 46,416                      |
| <b>ROTARY</b>   |   |                            |                             |
| 007   | AH-64 APACHE BLOCK IIIA REMAN .....                                 | 753,248                    | 753,248                     |
| 008   | ADVANCE PROCUREMENT (CY) .....                                      | 174,550                    | 174,550                     |
| 009   | AH-64 APACHE BLOCK IIIB NEW BUILD .....                             | 284,687                    | 284,687                     |
|   | Additional AH-64Es to address ARNG shortfalls .....                 |                            | [192,000]                   |
|   | Redignment to cover ARNG shortfalls .....                           |                            | [-192,000]                  |
| 010   | ADVANCE PROCUREMENT (CY) .....                                      | 58,600                     | 58,600                      |
| 011   | UH-60 BLACKHAWK M MODEL (MYP) .....                                 | 988,810                    | 1,073,810                   |
|   | Additional UH-60Ms for ARNG .....                                   |                            | [85,000]                    |
| 012   | ADVANCE PROCUREMENT (CY) .....                                      | 106,150                    | 106,150                     |
| 013   | UH-60 BLACK HAWK A AND L MODELS .....                               | 146,138                    | 146,138                     |
| 014   | CH-47 HELICOPTER .....  | 99,278                     | 99,278                      |
| 015   | ADVANCE PROCUREMENT (CY) .....                                      | 24,235                     | 24,235                      |
| <b>MODIFICATION OF AIRCRAFT</b>                                   |   |                            |                             |
| 018   | UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....                      | 27,114                     | 27,114                      |
| 019   | GRAY EAGLE MODS2 .....  | 97,781                     | 97,781                      |
| 020   | MULTI SENSOR ABN RECON (MIP) .....                                  | 52,274                     | 66,274                      |
|   | Army UFR: program increase .....                                    |                            | [14,000]                    |
| 021   | AH-64 MODS .....  | 104,996                    | 104,996                     |
| 022   | CH-47 CARGO HELICOPTER MODS (MYP) .....                             | 7,807                      | 7,807                       |
| 023   | GRCS SEMA MODS (MIP) .....  | 5,573                      | 5,573                       |
| 024   | ARL SEMA MODS (MIP) .....   | 7,522                      | 7,522                       |
| 025   | EMARSS SEMA MODS (MIP) .....  | 20,448                     | 20,448                      |
| 026   | UTILITY/CARGO AIRPLANE MODS .....                                   | 17,719                     | 17,719                      |
| 027   | UTILITY HELICOPTER MODS .....                                       | 6,443                      | 16,443                      |
|   | UH-72A Life-Cycle Sustainability .....                              |                            | [10,000]                    |
| 028   | NETWORK AND MISSION PLAN .....                                      | 123,614                    | 123,614                     |
| 029   | COMMS, NAV SURVEILLANCE .....                                       | 161,969                    | 161,969                     |
| 030   | DEGRADED VISUAL ENVIRONMENT .....                                   | 30,000                     | 30,000                      |
| 031   | GATM ROLLUP .....   | 26,848                     | 26,848                      |
| 032   | RQ-7 UAV MODS .....   | 103,246                    | 154,114                     |
|   | Redignment of EDI APS Unit Set from OCO to Base .....               |                            | [50,868]                    |
| 033   | UAS MODS .....  | 17,644                     | 21,046                      |
|   | Redignment of EDI APS Unit Set from OCO to Base .....               |                            | [3,402]                     |
| <b>GROUND SUPPORT AVIONICS</b>                                    |   |                            |                             |
| 034   | AIRCRAFT SURVIVABILITY EQUIPMENT .....                              | 57,170                     | 57,170                      |
| 035   | SURVIVABILITY CM .....  | 5,853                      | 5,853                       |
| 036   | CMWS .....  | 13,496                     | 13,496                      |
| 037   | COMMON INFRARED COUNTERMEASURES (CIRCM) .....                       | 36,839                     | 36,839                      |
| <b>OTHER SUPPORT</b>  |   |                            |                             |
| 038   | AVIONICS SUPPORT EQUIPMENT .....                                    | 1,778                      | 1,778                       |
| 039   | COMMON GROUND EQUIPMENT .....                                       | 34,818                     | 34,818                      |
| 040   | AIRCREW INTEGRATED SYSTEMS .....                                    | 27,243                     | 27,243                      |
| 041   | AIR TRAFFIC CONTROL .....   | 63,872                     | 63,872                      |
| 042   | INDUSTRIAL FACILITIES .....   | 1,417                      | 1,417                       |
| 043   | LAUNCHER, 2.75 ROCKET .....   | 1,901                      | 1,901                       |
| 044   | LAUNCHER GUIDED MISSILE, LONGBOW HELLFIRE XM2 .....                 | 991                        | 991                         |
|   | <b>TOTAL AIRCRAFT PROCUREMENT, ARMY .....</b>                       | <b>3,782,558</b>           | <b>4,005,828</b>            |
| <b>MISSILE PROCUREMENT, ARMY</b>                                  |   |                            |                             |
| <b>SURFACE-TO-AIR MISSILE SYSTEM</b>                              |   |                            |                             |
| 001   | LOWER TIER AIR AND MISSILE DEFENSE (AMD) .....                      | 111,395                    | 111,395                     |
| 002   | MSE MISSILE .....   | 871,276                    | 1,131,276                   |
|   | Redignment of EDI APS Unit Set from OCO to Base .....               |                            | [260,000]                   |
| 003   | INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....                   | 145,636                    | 145,636                     |
| 004   | ADVANCE PROCUREMENT (CY) .....                                      | 31,286                     | 31,286                      |
| <b>AIR-TO-SURFACE MISSILE SYSTEM</b>                              |   |                            |                             |
| 006   | JOINT AIR-TO-GROUND MSLS (JAGM) .....                               | 276,462                    | 248,862                     |
|   | Unit cost and engineering services cost growth .....                |                            | [-27,600]                   |
| <b>ANTI-TANK/ASSAULT MISSILE SYS</b>                              |   |                            |                             |
| 008   | JAVELIN (AAWS-M) SYSTEM SUMMARY .....                               | 303,665                    | 267,465                     |
|   | Forward financed in the FY18 Omnibus for command launch units ..... |                            | [-50,000]                   |
|   | Redignment of EDI APS Unit Set from OCO to Base .....               |                            | [13,800]                    |
| 009   | TOW 2 SYSTEM SUMMARY .....  | 105,014                    | 105,014                     |
| 010   | ADVANCE PROCUREMENT (CY) .....                                      | 19,949                     | 19,949                      |
| 011   | GUIDED MLRS ROCKET (GMLRS) .....                                    | 359,613                    | 329,613                     |

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
|             | <i>Forward financed in the FY18 Omnibus</i> .....                   |                        | [-30,000]               |
| 012         | MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....                    | 20,964                 | 20,964                  |
| 013         | HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....                |                        | 171,138                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [171,138]               |
|             | <b>MODIFICATIONS</b>  |                        |                         |
| 015         | PATRIOT MODS .....  | 313,228                | 333,228                 |
|             | <i>Increase PATRIOT Mod efforts</i> .....                           |                        | [20,000]                |
| 016         | ATACMS MODS .....   | 221,656                | 236,656                 |
|             | <i>Forward financed in the FY18 Omnibus</i> .....                   |                        | [-65,000]               |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [80,000]                |
| 017         | GMLRS MOD .....   | 266                    | 266                     |
| 018         | STINGER MODS .....  | 94,756                 | 94,756                  |
| 019         | AVENGER MODS .....  | 48,670                 | 48,670                  |
| 020         | ITAS/TOW MODS .....   | 3,173                  | 3,173                   |
| 021         | MLRS MODS .....   | 383,216                | 505,216                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [122,000]               |
| 022         | HIMARS MODIFICATIONS .....  | 10,196                 | 10,196                  |
|             | <b>SPARES AND REPAIR PARTS</b>                                      |                        |                         |
| 023         | SPARES AND REPAIR PARTS .....                                       | 27,737                 | 27,737                  |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>                           |                        |                         |
| 024         | AIR DEFENSE TARGETS .....   | 6,417                  | 6,417                   |
| 025         | PRODUCTION BASE SUPPORT .....                                       | 1,202                  | 1,202                   |
|             | <b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....                        | <b>3,355,777</b>       | <b>3,850,115</b>        |
|             | <b>PROCUREMENT OF W&amp;TCV, ARMY</b>                               |                        |                         |
|             | <b>TRACKED COMBAT VEHICLES</b>                                      |                        |                         |
| 001         | BRADLEY PROGRAM .....   |                        | 205,000                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [205,000]               |
| 002         | ARMORED MULTI PURPOSE VEHICLE (AMPV) .....                          | 479,801                | 710,160                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [230,359]               |
|             | <b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>                      |                        |                         |
| 004         | STRYKER (MOD) .....   | 287,490                | 138,190                 |
|             | <i>Army requested realignment to WTCV-5</i> .....                   |                        | [-149,300]              |
| 005         | STRYKER UPGRADE .....   | 21,900                 | 360,000                 |
|             | <i>A1 conversions for 5th SBCT</i> .....                            |                        | [188,800]               |
|             | <i>Army requested realignment—A1 conversions for 5th SBCT</i> ..... |                        | [149,300]               |
| 006         | BRADLEY PROGRAM (MOD) .....   | 625,424                | 675,424                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [50,000]                |
| 007         | M109 FOV MODIFICATIONS .....  | 26,482                 | 26,482                  |
| 008         | PALADIN INTEGRATED MANAGEMENT (PIM) .....                           | 351,802                | 493,802                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [67,000]                |
|             | <i>Smooth finding production profile</i> .....                      |                        | [75,000]                |
| 009         | IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....                    | 110,500                | 152,834                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [42,334]                |
| 010         | ASSAULT BRIDGE (MOD) .....  | 2,120                  | 2,120                   |
| 011         | ASSAULT BREACHER VEHICLE .....                                      | 62,407                 | 62,407                  |
| 012         | M88 FOV MODS .....  | 4,517                  | 4,517                   |
| 013         | JOINT ASSAULT BRIDGE .....  | 142,255                | 142,255                 |
| 014         | M1 ABRAMS TANK (MOD) .....  | 927,600                | 961,600                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [34,000]                |
| 015         | ABRAMS UPGRADE PROGRAM .....  | 1,075,999              | 1,530,999               |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [455,000]               |
|             | <b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>                          |                        |                         |
| 018         | M240 MEDIUM MACHINE GUN (7.62MM) .....                              | 1,955                  | 7,081                   |
|             | <i>Program Increase—M240L and M240B</i> .....                       |                        | [5,000]                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [126]                   |
| 019         | MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....                 | 23,345                 | 23,345                  |
| 020         | GUN AUTOMATIC 30MM M230 .....                                       | 7,434                  | 7,434                   |
| 021         | MACHINE GUN, CAL .50 M2 ROLL .....                                  | 22,330                 | 22,330                  |
| 022         | MORTAR SYSTEMS .....  | 12,470                 | 12,650                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [180]                   |
| 023         | XM320 GRENADE LAUNCHER MODULE (GLM) .....                           | 697                    | 697                     |
| 024         | COMPACT SEMI-AUTOMATIC SNIPER SYSTEM .....                          | 46,236                 | 46,236                  |
| 025         | CARBINE .....   | 69,306                 | 71,106                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [1,800]                 |
| 026         | SMALL ARMS—FIRE CONTROL .....                                       | 7,929                  | 7,929                   |
| 027         | COMMON REMOTELY OPERATED WEAPONS STATION .....                      | 35,968                 | 39,346                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [3,378]                 |
| 028         | HANDGUN .....   | 48,251                 | 48,251                  |
|             | <b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>                          |                        |                         |
| 029         | MK-19 GRENADE MACHINE GUN MODS .....                                | 1,684                  | 1,684                   |
| 030         | M777 MODS .....   | 3,086                  | 3,086                   |
| 031         | M4 CARBINE MODS .....   | 31,575                 | 35,775                  |
|             | <i>Additional free-float forward extended rails</i> .....           |                        | [4,200]                 |
| 032         | M2 50 CAL MACHINE GUN MODS .....                                    | 21,600                 | 26,520                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> .....        |                        | [4,920]                 |
| 033         | M249 SAW MACHINE GUN MODS .....                                     | 3,924                  | 3,924                   |
| 034         | M240 MEDIUM MACHINE GUN MODS .....                                  | 6,940                  | 6,947                   |

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|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [7]                     |
| 035         | SNIPER RIFLES MODIFICATIONS .....                            | 2,747                  | 2,747                   |
| 036         | M119 MODIFICATIONS .....                                     | 5,704                  | 5,704                   |
| 037         | MORTAR MODIFICATION .....                                    | 3,965                  | 3,965                   |
| 038         | MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....             | 5,577                  | 5,577                   |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>                    |                        |                         |
| 039         | ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....                     | 3,174                  | 4,571                   |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [1,397]                 |
| 040         | PRODUCTION BASE SUPPORT (WOCV-WTCV) .....                    | 3,284                  | 3,284                   |
| 041         | SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) .....                | 1,640                  | 1,640                   |
|             | <b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....            | <b>4,489,118</b>       | <b>5,857,639</b>        |
|             | <b>PROCUREMENT OF AMMUNITION, ARMY</b>                       |                        |                         |
|             | <b>SMALL/MEDIUM CAL AMMUNITION</b>                           |                        |                         |
| 001         | CTG, 5.56MM, ALL TYPES .....                                 | 41,848                 | 45,240                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [3,392]                 |
| 002         | CTG, 7.62MM, ALL TYPES .....                                 | 86,199                 | 86,239                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [40]                    |
| 003         | CTG, HANDGUN, ALL TYPES .....                                | 20,158                 | 20,175                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [17]                    |
| 004         | CTG, .50 CAL, ALL TYPES .....                                | 65,573                 | 65,762                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [189]                   |
| 005         | CTG, 20MM, ALL TYPES .....                                   | 8,198                  | 8,198                   |
| 007         | CTG, 30MM, ALL TYPES .....                                   | 77,995                 | 102,995                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [25,000]                |
| 008         | CTG, 40MM, ALL TYPES .....                                   | 69,781                 | 69,781                  |
|             | <b>MORTAR AMMUNITION</b>                                     |                        |                         |
| 009         | 60MM MORTAR, ALL TYPES .....                                 | 45,280                 | 45,498                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [218]                   |
| 010         | 81MM MORTAR, ALL TYPES .....                                 | 46,853                 | 47,337                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [484]                   |
| 011         | 120MM MORTAR, ALL TYPES .....                                | 83,003                 | 83,003                  |
|             | <b>TANK AMMUNITION</b>                                       |                        |                         |
| 012         | CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....           | 168,101                | 168,101                 |
|             | <b>ARTILLERY AMMUNITION</b>                                  |                        |                         |
| 013         | ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....          | 39,341                 | 39,341                  |
| 014         | ARTILLERY PROJECTILE, 155MM, ALL TYPES .....                 | 211,442                | 290,842                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [79,400]                |
| 015         | PROJ 155MM EXTENDED RANGE M982 .....                         | 100,906                | 152,606                 |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [51,700]                |
| 016         | ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....          | 236,677                | 268,577                 |
|             | <i>Forward financed in the FY18 Omnibus</i> .....            |                        | [-15,000]               |
|             | <i>Program decrease</i> .....                                |                        | [-2,000]                |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [48,900]                |
|             | <b>MINES</b>   |                        |                         |
| 017         | MINES & CLEARING CHARGES, ALL TYPES .....                    | 15,905                 | 15,905                  |
|             | <b>ROCKETS</b>   |                        |                         |
| 018         | SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....                 | 4,503                  | 31,745                  |
|             | <i>Army UFR: bunker defeat munitions</i> .....               |                        | [25,000]                |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [2,242]                 |
| 019         | ROCKET, HYDRA 70, ALL TYPES .....                            | 211,211                | 241,211                 |
|             | <i>Army UFR: additional HYDRA rockets</i> .....              |                        | [30,000]                |
|             | <b>OTHER AMMUNITION</b>                                      |                        |                         |
| 020         | CAD/PAD, ALL TYPES .....                                     | 10,428                 | 10,428                  |
| 021         | DEMOLITION MUNITIONS, ALL TYPES .....                        | 44,656                 | 44,661                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [5]                     |
| 022         | GRENADERS, ALL TYPES .....                                   | 19,896                 | 19,904                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [8]                     |
| 023         | SIGNALS, ALL TYPES .....                                     | 10,121                 | 10,121                  |
| 024         | SIMULATORS, ALL TYPES .....                                  | 11,464                 | 11,464                  |
|             | <b>MISCELLANEOUS</b>   |                        |                         |
| 025         | AMMO COMPONENTS, ALL TYPES .....                             | 5,224                  | 5,224                   |
| 026         | NON-LETHAL AMMUNITION, ALL TYPES .....                       | 4,310                  | 4,310                   |
| 027         | ITEMS LESS THAN \$5 MILLION (AMMO) .....                     | 11,193                 | 11,259                  |
|             | <i>Redignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [66]                    |
| 028         | AMMUNITION PECULIAR EQUIPMENT .....                          | 10,500                 | 10,500                  |
| 029         | FIRST DESTINATION TRANSPORTATION (AMMO) .....                | 18,456                 | 18,456                  |
| 030         | CLOSEOUT LIABILITIES .....                                   | 100                    | 100                     |
|             | <b>PRODUCTION BASE SUPPORT</b>                               |                        |                         |
| 032         | INDUSTRIAL FACILITIES .....                                  | 394,133                | 394,133                 |
| 033         | CONVENTIONAL MUNITIONS DEMILITARIZATION .....                | 157,535                | 157,535                 |
| 034         | ARMS INITIATIVE .....  | 3,771                  | 3,771                   |
|             | <b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....           | <b>2,234,761</b>       | <b>2,484,422</b>        |
|             | <b>OTHER PROCUREMENT, ARMY</b>                               |                        |                         |
|             | <b>TACTICAL VEHICLES</b>                                     |                        |                         |
| 001         | TACTICAL TRAILERS/DOLLY SETS .....                           | 16,512                 | 16,512                  |
| 002         | SEMITRAILERS, FLATBED: .....                                 | 16,951                 | 24,951                  |

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|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [8,000]                 |
| 003         | AMBULANCE, 4 LITTER, 5/4 TON, 4X4   | 50,123                 | 70,893                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [20,770]                |
| 004         | GROUND MOBILITY VEHICLES (GMV)  | 46,988                 | 36,988                  |
|             | <i>Unobligated Balances</i>   |                        | [-10,000]               |
| 005         | ARNG HMMWV MODERNIZATION PROGRAM  |                        | 25,000                  |
|             | <i>Additional HMMWVs</i>  |                        | [25,000]                |
| 006         | JOINT LIGHT TACTICAL VEHICLE  | 1,319,436              | 1,319,436               |
| 007         | TRUCK, DUMP, 20T (CCE)  | 6,480                  | 6,480                   |
| 008         | FAMILY OF MEDIUM TACTICAL VEH (FMTV)  | 132,882                | 132,882                 |
| 009         | FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP  | 14,842                 | 14,842                  |
| 010         | FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)  | 138,105                | 253,505                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [115,400]               |
| 012         | HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV   | 31,892                 | 38,574                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [6,682]                 |
| 013         | TACTICAL WHEELED VEHICLE PROTECTION KITS  | 38,128                 | 88,128                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [50,000]                |
| 014         | MODIFICATION OF IN SVC EQUIP  | 78,507                 | 78,884                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [377]                   |
| 015         | MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS   |                        | 27,000                  |
|             | <i>SFAB emerging requirements</i>   |                        | [27,000]                |
|             | <b>NON-TACTICAL VEHICLES</b>  |                        |                         |
| 016         | HEAVY ARMORED VEHICLE   | 790                    | 790                     |
| 017         | PASSENGER CARRYING VEHICLES   | 1,390                  | 1,390                   |
| 018         | NON-TACTICAL VEHICLES, OTHER  | 15,415                 | 15,415                  |
|             | <b>COMM—JOINT COMMUNICATIONS</b>  |                        |                         |
| 020         | SIGNAL MODERNIZATION PROGRAM  | 150,777                | 150,777                 |
| 021         | TACTICAL NETWORK TECHNOLOGY MOD IN SVC  | 469,117                | 533,117                 |
|             | <i>Additional TCN-L, NOSC-L, and next generation embedded kits for IBCTs and SBCTs.</i> |                        | [64,000]                |
| 022         | SITUATION INFORMATION TRANSPORT   | 62,727                 | 62,727                  |
| 023         | JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY   | 13,895                 | 13,895                  |
| 024         | JCSE EQUIPMENT (USREDCOM)   | 4,866                  | 4,866                   |
|             | <b>COMM—SATELLITE COMMUNICATIONS</b>  |                        |                         |
| 027         | DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS  | 108,133                | 108,133                 |
| 028         | TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS   | 56,737                 | 56,737                  |
| 029         | SHF TERM  | 13,100                 | 13,100                  |
| 030         | SMART-T (SPACE)   | 9,160                  | 9,160                   |
| 031         | GLOBAL BRDCST SVC—GBS   | 25,647                 | 25,647                  |
| 032         | ENROUTE MISSION COMMAND (EMC)   | 37,401                 | 37,401                  |
|             | <b>COMM—C3 SYSTEM</b>   |                        |                         |
| 036         | COE TACTICAL SERVER INFRASTRUCTURE (TSI)  | 20,500                 | 20,500                  |
|             | <b>COMM—COMBAT COMMUNICATIONS</b>   |                        |                         |
| 037         | JOINT TACTICAL RADIO SYSTEM   |                        | 1,560                   |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [1,560]                 |
| 038         | HANDHELD MANPACK SMALL FORM FIT (HMS)   | 351,565                | 351,565                 |
| 040         | RADIO TERMINAL SET, MIDS LVT(2)   | 4,641                  | 4,641                   |
| 041         | TRACTOR DESK  | 2,187                  | 2,187                   |
| 042         | TRACTOR RIDE  | 9,411                  | 22,611                  |
|             | <i>Army UPR; program increase</i>   |                        | [13,200]                |
| 044         | SPIDER FAMILY OF NETWORKED MUNITIONS INCR   | 17,515                 | 17,515                  |
| 045         | TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM   | 819                    | 819                     |
| 046         | UNIFIED COMMAND SUITE   | 17,807                 | 17,807                  |
| 047         | COTS COMMUNICATIONS EQUIPMENT   | 191,835                | 208,835                 |
|             | <i>Program decrease</i>   |                        | [-5,000]                |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [22,000]                |
| 048         | FAMILY OF MED COMM FOR COMBAT CASUALTY CARE   | 25,177                 | 25,177                  |
|             | <b>COMM—INTELLIGENCE COMM</b>   |                        |                         |
| 050         | CI AUTOMATION ARCHITECTURE (MIP)  | 9,740                  | 9,740                   |
| 051         | DEFENSE MILITARY DECEPTION INITIATIVE   | 2,667                  | 2,667                   |
|             | <b>INFORMATION SECURITY</b>   |                        |                         |
| 053         | FAMILY OF BIOMETRICS  | 8,319                  | 8,319                   |
| 054         | INFORMATION SYSTEM SECURITY PROGRAM-ISSP  | 2,000                  | 2,000                   |
| 055         | COMMUNICATIONS SECURITY (COMSEC)  | 88,337                 | 88,340                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [3]                     |
| 056         | DEFENSIVE CYBER OPERATIONS  | 51,343                 | 51,343                  |
| 057         | INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO   | 330                    | 330                     |
| 058         | PERSISTENT CYBER TRAINING ENVIRONMENT   | 3,000                  | 3,000                   |
|             | <b>COMM—LONG HAUL COMMUNICATIONS</b>  |                        |                         |
| 059         | BASE SUPPORT COMMUNICATIONS   | 34,434                 | 34,434                  |
|             | <b>COMM—BASE COMMUNICATIONS</b>   |                        |                         |
| 060         | INFORMATION SYSTEMS   | 95,558                 | 95,558                  |
| 061         | EMERGENCY MANAGEMENT MODERNIZATION PROGRAM  | 4,736                  | 4,736                   |
| 062         | HOME STATION MISSION COMMAND CENTERS (HSMCC)  | 24,479                 | 24,479                  |
| 063         | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM  | 216,433                | 225,483                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i>                                 |                        | [9,050]                 |
|             | <b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>   |                        |                         |
| 066         | JTT/CIBS-M (MIP)  | 10,268                 | 10,268                  |

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| 068         | DCGS-A (MIP) .....  | 261,863                | 261,863                 |
| 069         | JOINT TACTICAL GROUND STATION (JTAGS) (MIP) .....             | 5,434                  | 5,434                   |
| 070         | TROJAN (MIP) .....  | 20,623                 | 21,223                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [600]                   |
| 071         | MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....                   | 45,998                 | 45,998                  |
| 072         | CI HUMINT AUTO REPRTING & COLL(CHARCS)(MIP) .....             | 296                    | 296                     |
| 076         | ITEMS LESS THAN \$5.0M (MIP) .....                            | 410                    | 410                     |
|             | <b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>                    |                        |                         |
| 077         | LIGHTWEIGHT COUNTER MORTAR RADAR .....                        | 9,165                  | 9,165                   |
| 078         | EW PLANNING & MANAGEMENT TOOLS (EWPMT) .....                  | 5,875                  | 5,875                   |
| 079         | AIR VIGILANCE (AV) (MIP) .....                                | 8,497                  | 8,497                   |
| 083         | CI MODERNIZATION (MIP) .....                                  | 486                    | 486                     |
|             | <b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>                  |                        |                         |
| 084         | SENTINEL MODS .....   | 79,629                 | 79,629                  |
| 085         | NIGHT VISION DEVICES .....                                    | 153,180                | 153,266                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [86]                    |
| 086         | LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM .....           |                        | 2,861                   |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [2,861]                 |
| 087         | SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....               | 22,882                 | 22,882                  |
| 088         | RADIATION MONITORING SYSTEMS .....                            | 17,393                 | 17,404                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [11]                    |
| 090         | INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....              | 46,740                 | 47,002                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [262]                   |
| 091         | FAMILY OF WEAPON SIGHTS (FWS) .....                           | 140,737                | 131,962                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [525]                   |
|             | Unexecutable funds .....                                      |                        | [-9,300]                |
| 093         | PROFILER .....  | 171                    | 171                     |
| 094         | JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....                   | 405,239                | 431,385                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [26,146]                |
| 095         | JOINT EFFECTS TARGETING SYSTEM (JETS) .....                   | 66,574                 | 66,574                  |
| 096         | MOD OF IN-SVC EQUIP (LLDR) .....                              | 20,783                 | 24,833                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [4,050]                 |
| 097         | COMPUTER BALLISTICS: LHMCB XM32 .....                         | 8,553                  | 8,553                   |
| 098         | MORTAR FIRE CONTROL SYSTEM .....                              | 21,489                 | 21,489                  |
| 099         | COUNTERFIRE RADARS .....                                      | 162,121                | 162,121                 |
|             | <b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>                        |                        |                         |
| 100         | ARMY COMMAND POST INTEGRATED INFRASTRUCTURE ( .....           | 2,855                  | 2,855                   |
| 101         | FIRE SUPPORT C2 FAMILY .....                                  | 19,153                 | 19,153                  |
| 102         | AIR & MSL DEFENSE PLANNING & CONTROL SYS .....                | 33,837                 | 33,837                  |
| 103         | LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....                      | 5,136                  | 5,136                   |
| 104         | NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....           | 18,329                 | 18,329                  |
| 105         | MANEUVER CONTROL SYSTEM (MCS) .....                           | 38,015                 | 38,015                  |
| 106         | GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....              | 15,164                 | 15,164                  |
| 107         | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....          | 29,239                 | 29,239                  |
| 109         | RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....             | 6,823                  | 6,823                   |
| 110         | MOD OF IN-SVC EQUIPMENT (ENFIRE) .....                        | 1,177                  | 1,177                   |
|             | <b>ELECT EQUIP—AUTOMATION</b>                                 |                        |                         |
| 111         | ARMY TRAINING MODERNIZATION .....                             | 12,265                 | 12,265                  |
| 112         | AUTOMATED DATA PROCESSING EQUIP .....                         | 201,875                | 201,875                 |
| 113         | GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....            | 10,976                 | 10,976                  |
| 114         | HIGH PERF COMPUTING MOD PGM (HPCMP) .....                     | 66,330                 | 66,330                  |
| 115         | CONTRACT WRITING SYSTEM .....                                 | 5,927                  | 5,927                   |
| 116         | RESERVE COMPONENT AUTOMATION SYS (RCAS) .....                 | 27,896                 | 27,896                  |
|             | <b>ELECT EQUIP—AUDIO VISUAL SYS (A/V)</b>                     |                        |                         |
| 117         | TACTICAL DIGITAL MEDIA .....                                  | 4,392                  | 4,392                   |
| 118         | ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....              | 1,970                  | 1,970                   |
|             | <b>ELECT EQUIP—SUPPORT</b>                                    |                        |                         |
| 119         | PRODUCTION BASE SUPPORT (C-E) .....                           | 506                    | 506                     |
|             | <b>CLASSIFIED PROGRAMS</b>                                    |                        |                         |
| 120A        | CLASSIFIED PROGRAMS .....                                     | 4,501                  | 4,501                   |
|             | <b>CHEMICAL DEFENSIVE EQUIPMENT</b>                           |                        |                         |
| 121         | PROTECTIVE SYSTEMS .....                                      | 2,314                  | 2,341                   |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [27]                    |
| 122         | FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....                   | 7,478                  | 7,478                   |
| 124         | CBRN DEFENSE .....  | 173,954                | 174,271                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [317]                   |
|             | <b>BRIDGING EQUIPMENT</b>                                     |                        |                         |
| 125         | TACTICAL BRIDGING .....                                       | 98,229                 | 98,229                  |
| 126         | TACTICAL BRIDGE, FLOAT-RIBBON .....                           | 64,438                 | 64,438                  |
| 127         | COMMON BRIDGE TRANSPORTER (CBT) RECAP .....                   | 79,916                 | 79,916                  |
|             | <b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>                  |                        |                         |
| 128         | HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....           | 8,471                  | 8,471                   |
| 129         | GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....              | 29,883                 | 29,883                  |
| 130         | AREA MINE DETECTION SYSTEM (AMDS) .....                       | 11,594                 | 11,595                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [1]                     |
| 131         | HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....                   | 40,834                 | 40,834                  |
| 132         | ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....                    | 4,029                  | 4,029                   |
| 133         | EOD ROBOTICS SYSTEMS RECAPITALIZATION .....                   | 14,208                 | 14,208                  |

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| 134         | ROBOTICS AND APPLIQUE SYSTEMS .....  | 31,456                 | 31,456                  |
| 136         | REMOTE DEMOLITION SYSTEMS .....  | 1,748                  | 1,749                   |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>  |                        | [1]                     |
| 137         | < \$5M, COUNTERMINE EQUIPMENT .....  | 7,829                  | 7,829                   |
| 138         | FAMILY OF BOATS AND MOTORS .....   | 5,806                  | 5,806                   |
|             | <b>COMBAT SERVICE SUPPORT EQUIPMENT</b>  |                        |                         |
| 139         | HEATERS AND ECUS .....   | 9,852                  | 9,852                   |
| 140         | SOLDIER ENHANCEMENT .....  | 1,103                  | 1,103                   |
| 141         | PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....   | 5,875                  | 5,875                   |
| 142         | GROUND SOLDIER SYSTEM .....  | 92,487                 | 92,487                  |
| 143         | MOBILE SOLDIER POWER .....   | 30,774                 | 30,774                  |
| 145         | FIELD FEEDING EQUIPMENT .....  | 17,521                 | 17,521                  |
| 146         | CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....  | 44,855                 | 44,855                  |
| 147         | FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....  | 17,173                 | 17,173                  |
| 148         | ITEMS LESS THAN \$5M (ENG SPT) .....   | 2,000                  | 2,000                   |
|             | <b>PETROLEUM EQUIPMENT</b>   |                        |                         |
| 149         | QUALITY SURVEILLANCE EQUIPMENT .....   | 1,770                  | 1,770                   |
| 150         | DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....  | 39,730                 | 39,730                  |
|             | <b>MEDICAL EQUIPMENT</b>   |                        |                         |
| 151         | COMBAT SUPPORT MEDICAL .....   | 57,752                 | 77,752                  |
|             | <i>Simulators and other technologies to reduce the use of live animal tissue for medical training.</i> |                        | [20,000]                |
|             | <b>MAINTENANCE EQUIPMENT</b>   |                        |                         |
| 152         | MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....   | 37,722                 | 37,722                  |
| 153         | ITEMS LESS THAN \$5.0M (MAINT EQ) .....  | 4,985                  | 5,253                   |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>  |                        | [268]                   |
|             | <b>CONSTRUCTION EQUIPMENT</b>  |                        |                         |
| 155         | SCRAPERS, EARTHMOVING .....  | 7,961                  | 7,961                   |
| 156         | HYDRAULIC EXCAVATOR .....  | 1,355                  | 1,355                   |
| 158         | ALL TERRAIN CRANES .....   | 13,031                 | 13,031                  |
| 159         | HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....  | 46,048                 | 46,048                  |
| 160         | ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP .....   | 980                    | 8,480                   |
|             | <i>Program increase—additional ERACC systems .....</i>   |                        | [7,500]                 |
| 161         | CONST EQUIP ESP .....  | 37,017                 | 37,017                  |
| 162         | ITEMS LESS THAN \$5.0M (CONST EQUIP) .....   | 6,103                  | 6,103                   |
|             | <b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>   |                        |                         |
| 163         | ARMY WATERCRAFT ESP .....  | 27,711                 | 27,711                  |
| 164         | ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....  | 8,385                  | 8,385                   |
|             | <b>GENERATORS</b>  |                        |                         |
| 165         | GENERATORS AND ASSOCIATED EQUIP .....  | 133,772                | 133,772                 |
| 166         | TACTICAL ELECTRIC POWER RECAPITALIZATION .....   | 8,333                  | 8,333                   |
|             | <b>MATERIAL HANDLING EQUIPMENT</b>   |                        |                         |
| 167         | FAMILY OF FORKLIFTS .....  | 12,901                 | 12,901                  |
|             | <b>TRAINING EQUIPMENT</b>  |                        |                         |
| 168         | COMBAT TRAINING CENTERS SUPPORT .....  | 123,228                | 123,228                 |
| 169         | TRAINING DEVICES, NONSYSTEM .....  | 228,598                | 228,598                 |
| 170         | CLOSE COMBAT TACTICAL TRAINER .....  | 33,080                 | 33,080                  |
| 171         | AVIATION COMBINED ARMS TACTICAL TRAINER .....  | 32,700                 | 32,700                  |
| 172         | GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....  | 25,161                 | 25,161                  |
|             | <b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>  |                        |                         |
| 173         | CALIBRATION SETS EQUIPMENT .....   | 4,270                  | 4,270                   |
| 174         | INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....   | 76,295                 | 85,790                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>  |                        | [9,495]                 |
| 175         | TEST EQUIPMENT MODERNIZATION (TEMOD) .....   | 9,806                  | 9,806                   |
|             | <b>OTHER SUPPORT EQUIPMENT</b>   |                        |                         |
| 176         | M25 STABILIZED BINOCULAR .....   | 4,368                  | 4,401                   |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>  |                        | [33]                    |
| 177         | RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....  | 9,879                  | 9,879                   |
| 178         | PHYSICAL SECURITY SYSTEMS (OPA3) .....   | 54,043                 | 54,043                  |
| 179         | BASE LEVEL COMMON EQUIPMENT .....  | 6,633                  | 6,633                   |
| 180         | MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....   | 49,797                 | 49,797                  |
| 181         | PRODUCTION BASE SUPPORT (OTH) .....  | 2,301                  | 2,301                   |
| 182         | SPECIAL EQUIPMENT FOR USER TESTING .....   | 11,608                 | 11,608                  |
| 183         | TRACTOR YARD .....   | 4,956                  | 4,956                   |
|             | <b>OPA2</b>  |                        |                         |
| 184         | INITIAL SPARES—C&E .....   | 9,817                  | 9,817                   |
|             | <b>TOTAL OTHER PROCUREMENT, ARMY</b> .....   | <b>7,999,529</b>       | <b>8,410,454</b>        |
|             | <b>AIRCRAFT PROCUREMENT, NAVY</b>  |                        |                         |
|             | <b>COMBAT AIRCRAFT</b>   |                        |                         |
| 001         | F/A-18E/F (FIGHTER) HORNET .....   | 1,937,553              | 1,907,553               |
|             | <i>Excess NRE and Support Costs .....</i>  |                        | [-30,000]               |
| 002         | ADVANCE PROCUREMENT (CY) .....   | 58,799                 | 58,799                  |
| 003         | JOINT STRIKE FIGHTER CV .....  | 1,144,958              | 1,132,058               |
|             | <i>Production Efficiencies .....</i>   |                        | [-12,900]               |
| 004         | ADVANCE PROCUREMENT (CY) .....   | 140,010                | 140,010                 |
| 005         | JSF STOVL .....  | 2,312,847              | 2,276,547               |
|             | <i>Production Efficiencies .....</i>   |                        | [-36,300]               |

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| 006         | ADVANCE PROCUREMENT (CY) .....  | 228,492                | 228,492                 |
| 007         | CH-53K (HEAVY LIFT) .....   | 1,113,804              | 1,089,804               |
|             | Support cost growth .....   |                        | [-24,000]               |
| 008         | ADVANCE PROCUREMENT (CY) .....  | 161,079                | 161,079                 |
| 009         | V-22 (MEDIUM LIFT) .....  | 806,337                | 806,337                 |
| 010         | ADVANCE PROCUREMENT (CY) .....  | 36,955                 | 36,955                  |
| 011         | H-1 UPGRADES (UH-1Y/AH-1Z) .....                                      | 820,755                | 820,755                 |
| 014         | P-8A POSEIDON .....   | 1,803,753              | 1,777,753               |
|             | Excessive CFE Electronics cost growth .....                           |                        | [-5,000]                |
|             | Excessive GFE Electronics cost growth .....                           |                        | [-1,000]                |
|             | Excessive support cost growth .....                                   |                        | [-20,000]               |
| 015         | ADVANCE PROCUREMENT (CY) .....  | 180,000                | 180,000                 |
| 016         | E-2D ADV HAWKEYE .....  | 742,693                | 726,393                 |
|             | Excessive CFE cost growth .....                                       |                        | [-5,800]                |
|             | Excessive Non-reoccurring cost growth .....                           |                        | [-2,900]                |
|             | Excessive Other ILS cost growth .....                                 |                        | [-1,700]                |
|             | Excessive peculiar equipment cost growth .....                        |                        | [-5,900]                |
| 017         | ADVANCE PROCUREMENT (CY) .....  | 240,734                | 240,734                 |
|             | <b>AIRLIFT AIRCRAFT</b>   |                        |                         |
| 018         | C-40A .....   | 206,000                | 0                       |
|             | Forward financed in the FY18 Omnibus .....                            |                        | [-206,000]              |
|             | <b>OTHER AIRCRAFT</b>   |                        |                         |
| 020         | KC-130J .....   | 160,433                | 160,433                 |
| 021         | ADVANCE PROCUREMENT (CY) .....  | 110,013                | 110,013                 |
| 022         | MQ-4 TRITON .....   | 568,743                | 544,793                 |
|             | Unit and support cost growth .....                                    |                        | [-23,950]               |
| 023         | ADVANCE PROCUREMENT (CY) .....  | 58,522                 | 58,522                  |
| 024         | MQ-8 UAV .....  | 54,761                 | 54,761                  |
| 025         | STUASLo UAV .....   | 14,866                 | 14,866                  |
| 026         | VH-92A EXECUTIVE HELO .....   | 649,015                | 649,015                 |
|             | <b>MODIFICATION OF AIRCRAFT</b>                                       |                        |                         |
| 027         | AEA SYSTEMS .....   | 25,277                 | 25,277                  |
| 028         | AV-8 SERIES .....   | 58,577                 | 58,577                  |
| 029         | ADVERSARY .....   | 14,606                 | 14,606                  |
| 030         | F-18 SERIES .....   | 1,213,482              | 1,210,982               |
|             | Program decrease .....  |                        | [-2,500]                |
| 031         | H-53 SERIES .....   | 70,997                 | 70,997                  |
| 032         | SH-60 SERIES .....  | 130,661                | 130,661                 |
| 033         | H-1 SERIES .....  | 87,143                 | 87,143                  |
| 034         | EP-3 SERIES .....   | 3,633                  | 3,633                   |
| 035         | P-3 SERIES .....  | 803                    | 803                     |
| 036         | E-3 SERIES .....  | 88,780                 | 88,780                  |
| 037         | TRAINER A/C SERIES .....  | 11,660                 | 11,660                  |
| 038         | C-2A .....  | 11,327                 | 11,327                  |
| 039         | C-130 SERIES .....  | 79,075                 | 79,075                  |
| 040         | FEWSG .....   | 597                    | 597                     |
| 041         | CARGO/TRANSPORT A/C SERIES .....                                      | 8,932                  | 8,932                   |
| 042         | E-6 SERIES .....  | 181,821                | 181,821                 |
| 043         | EXECUTIVE HELICOPTERS SERIES .....                                    | 23,566                 | 23,566                  |
| 044         | SPECIAL PROJECT AIRCRAFT .....  | 7,620                  | 7,620                   |
| 045         | T-45 SERIES .....   | 195,475                | 195,475                 |
| 046         | POWER PLANT CHANGES .....   | 21,521                 | 21,521                  |
| 047         | JPATS SERIES .....  | 27,644                 | 27,644                  |
| 048         | AVIATION LIFE SUPPORT MODS .....                                      | 15,864                 | 15,864                  |
| 049         | COMMON ECM EQUIPMENT .....  | 166,306                | 191,306                 |
|             | Navy UFR: F/A-18E/F Super Hornet Adaptive RADAR countermeasures ..... |                        | [25,000]                |
| 050         | COMMON AVIONICS CHANGES .....   | 117,551                | 112,551                 |
|             | Program decrease .....  |                        | [-5,000]                |
| 051         | COMMON DEFENSIVE WEAPON SYSTEM .....                                  | 1,994                  | 1,994                   |
| 052         | ID SYSTEMS .....  | 40,696                 | 40,696                  |
| 053         | P-8 SERIES .....  | 71,251                 | 71,251                  |
| 054         | MAGTF EW FOR AVIATION .....   | 11,590                 | 11,590                  |
| 055         | MQ-8 SERIES .....   | 37,907                 | 37,907                  |
| 057         | V-22 (TILT/ROTOR ACFT) OSPREY .....                                   | 214,820                | 214,820                 |
| 058         | NEXT GENERATION JAMMER (NGJ) .....                                    | 952                    | 952                     |
| 059         | F-35 STOVL SERIES .....   | 36,618                 | 36,618                  |
| 060         | F-35 CV SERIES .....  | 21,236                 | 21,236                  |
| 061         | QRC .....   | 101,499                | 101,499                 |
| 062         | MQ-4 SERIES .....   | 48,278                 | 48,278                  |
| 063         | RQ-21 SERIES .....  | 6,904                  | 6,904                   |
|             | <b>AIRCRAFT SPARES AND REPAIR PARTS</b>                               |                        |                         |
| 064         | SPARES AND REPAIR PARTS .....   | 1,792,920              | 1,832,920               |
|             | F-35B Spares .....  |                        | [40,000]                |
|             | <b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>                        |                        |                         |
| 065         | COMMON GROUND EQUIPMENT .....   | 421,606                | 411,606                 |
|             | Program decrease .....  |                        | [-10,000]               |
| 066         | AIRCRAFT INDUSTRIAL FACILITIES .....                                  | 24,496                 | 24,496                  |
| 067         | WAR CONSUMABLES .....   | 42,108                 | 42,108                  |



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| 068         | OTHER PRODUCTION CHARGES .....                     | 1,444                  | 1,444                   |
| 069         | SPECIAL SUPPORT EQUIPMENT .....                    | 49,489                 | 49,489                  |
| 070         | FIRST DESTINATION TRANSPORTATION .....             | 1,951                  | 1,951                   |
|             | <b>TOTAL AIRCRAFT PROCUREMENT, NAVY .....</b>      | <b>19,041,799</b>      | <b>18,713,849</b>       |
|             | <b>WEAPONS PROCUREMENT, NAVY</b>                   |                        |                         |
|             | <b>MODIFICATION OF MISSILES</b>                    |                        |                         |
| 001         | TRIDENT II MODS .....                              | 1,078,750              | 1,078,750               |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>          |                        |                         |
| 002         | MISSILE INDUSTRIAL FACILITIES .....                | 6,998                  | 6,998                   |
|             | <b>STRATEGIC MISSILES</b>                          |                        |                         |
| 003         | TOMAHAWK .....                                     | 98,570                 | 213,370                 |
|             | Forward financed in the FY18 Omnibus .....         |                        | [-81,000]               |
|             | Program Increase—198 missile .....                 |                        | [216,000]               |
|             | Shutdown costs early to need .....                 |                        | [-20,200]               |
|             | <b>TACTICAL MISSILES</b>                           |                        |                         |
| 004         | AMRAAM .....                                       | 211,058                | 211,058                 |
| 005         | SIDEWINDER .....                                   | 77,927                 | 122,927                 |
|             | Navy UFR: additional AIM 9-X missiles .....        |                        | [45,000]                |
| 006         | JSOW .....   | 1,330                  | 1,330                   |
| 007         | STANDARD MISSILE .....                             | 490,210                | 490,210                 |
| 008         | ADVANCE PROCUREMENT (CY) .....                     | 125,683                | 125,683                 |
| 009         | SMALL DIAMETER BOMB II .....                       | 91,272                 | 91,272                  |
| 010         | RAM .....  | 96,221                 | 93,921                  |
|             | Excess Production Support .....                    |                        | [-2,300]                |
| 011         | JOINT AIR GROUND MISSILE (JAGM) .....              | 24,109                 | 24,109                  |
| 014         | STAND OFF PRECISION GUIDED MUNITIONS (SOPGM) ..... | 11,378                 | 11,378                  |
| 015         | AERIAL TARGETS .....                               | 137,137                | 137,137                 |
| 016         | OTHER MISSILE SUPPORT .....                        | 3,318                  | 3,318                   |
| 017         | LRASM .....  | 81,190                 | 111,190                 |
|             | Navy Unfunded Requirement .....                    |                        | [30,000]                |
| 018         | LCS OTH MISSILE .....                              | 18,156                 | 18,156                  |
|             | <b>MODIFICATION OF MISSILES</b>                    |                        |                         |
| 019         | ESSM .....   | 98,384                 | 96,384                  |
|             | Excess Production Support .....                    |                        | [-2,000]                |
| 020         | HARPOON MODS .....                                 | 14,840                 | 14,840                  |
| 021         | HARM MODS .....                                    | 187,985                | 187,985                 |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>          |                        |                         |
| 023         | WEAPONS INDUSTRIAL FACILITIES .....                | 2,006                  | 2,006                   |
| 024         | FLEET SATELLITE COMM FOLLOW-ON .....               | 66,779                 | 66,779                  |
|             | <b>ORDNANCE SUPPORT EQUIPMENT</b>                  |                        |                         |
| 025         | ORDNANCE SUPPORT EQUIPMENT .....                   | 62,008                 | 62,008                  |
|             | <b>TORPEDOES AND RELATED EQUIP</b>                 |                        |                         |
| 026         | SSTD .....   | 6,353                  | 6,353                   |
| 027         | MK-48 TORPEDO .....                                | 92,616                 | 103,616                 |
|             | Navy Unfunded Requirement .....                    |                        | [11,000]                |
| 028         | ASW TARGETS .....                                  | 12,324                 | 12,324                  |
|             | <b>MOD OF TORPEDOES AND RELATED EQUIP</b>          |                        |                         |
| 029         | MK-54 TORPEDO MODS .....                           | 105,946                | 95,446                  |
|             | HAAWC unit cost growth .....                       |                        | [-6,500]                |
|             | Non Recurring Engineering excess growth .....      |                        | [-4,000]                |
| 030         | MK-48 TORPEDO ADCAP MODS .....                     | 40,005                 | 40,005                  |
| 031         | QUICKSTRIKE MINE .....                             | 9,758                  | 9,758                   |
|             | <b>SUPPORT EQUIPMENT</b>                           |                        |                         |
| 032         | TORPEDO SUPPORT EQUIPMENT .....                    | 79,371                 | 79,371                  |
| 033         | ASW RANGE SUPPORT .....                            | 3,872                  | 3,872                   |
|             | <b>DESTINATION TRANSPORTATION</b>                  |                        |                         |
| 034         | FIRST DESTINATION TRANSPORTATION .....             | 3,726                  | 3,726                   |
|             | <b>GUNS AND GUN MOUNTS</b>                         |                        |                         |
| 035         | SMALL ARMS AND WEAPONS .....                       | 15,067                 | 15,067                  |
|             | <b>MODIFICATION OF GUNS AND GUN MOUNTS</b>         |                        |                         |
| 036         | CIWS MODS .....                                    | 63,318                 | 63,318                  |
| 037         | COAST GUARD WEAPONS .....                          | 40,823                 | 40,823                  |
| 038         | GUN MOUNT MODS .....                               | 74,618                 | 74,618                  |
| 039         | LCS MODULE WEAPONS .....                           | 11,350                 | 5,550                   |
|             | Mission Module Early to need .....                 |                        | [-5,800]                |
| 041         | AIRBORNE MINE NEUTRALIZATION SYSTEMS .....         | 22,249                 | 22,249                  |
|             | <b>SPARES AND REPAIR PARTS</b>                     |                        |                         |
| 043         | SPARES AND REPAIR PARTS .....                      | 135,688                | 130,688                 |
|             | Unjustified program cost growth .....              |                        | [-5,000]                |
|             | <b>TOTAL WEAPONS PROCUREMENT, NAVY .....</b>       | <b>3,702,393</b>       | <b>3,877,593</b>        |
|             | <b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>          |                        |                         |
|             | <b>NAVY AMMUNITION</b>                             |                        |                         |
| 001         | GENERAL PURPOSE BOMBS .....                        | 79,871                 | 79,871                  |
| 002         | JDAM .....   | 87,900                 | 87,900                  |
| 003         | AIRBORNE ROCKETS, ALL TYPES .....                  | 151,431                | 151,431                 |
| 004         | MACHINE GUN AMMUNITION .....                       | 11,344                 | 11,344                  |

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|-------------|---|------------------------|-------------------------|
| 005         | PRACTICE BOMBS .....  | 49,471                 | 49,471                  |
| 006         | CARTRIDGES & CART ACTUATED DEVICES .....                                    | 56,227                 | 56,227                  |
| 007         | AIR EXPENDABLE COUNTERMEASURES .....  | 66,382                 | 66,382                  |
| 008         | JATOS .....   | 2,907                  | 2,907                   |
| 009         | 5 INCH/54 GUN AMMUNITION .....  | 72,657                 | 72,657                  |
| 010         | INTERMEDIATE CALIBER GUN AMMUNITION .....                                   | 33,613                 | 33,613                  |
| 011         | OTHER SHIP GUN AMMUNITION .....   | 42,142                 | 42,142                  |
| 012         | SMALL ARMS & LANDING PARTY AMMO .....                                       | 49,888                 | 49,888                  |
| 013         | PYROTECHNIC AND DEMOLITION .....  | 10,931                 | 10,931                  |
| 015         | AMMUNITION LESS THAN \$5 MILLION .....                                      | 1,106                  | 1,106                   |
|             | <b>MARINE CORPS AMMUNITION</b>  |                        |                         |
| 019         | MORTARS .....   | 28,266                 | 28,266                  |
| 021         | DIRECT SUPPORT MUNITIONS .....  | 63,664                 | 63,664                  |
| 022         | INFANTRY WEAPONS AMMUNITION .....   | 59,295                 | 59,295                  |
| 026         | COMBAT SUPPORT MUNITIONS .....  | 31,577                 | 31,577                  |
| 028         | AMMO MODERNIZATION .....  | 15,001                 | 15,001                  |
| 029         | ARTILLERY MUNITIONS .....   | 86,297                 | 86,297                  |
| 030         | ITEMS LESS THAN \$5 MILLION .....   | 6,239                  | 6,239                   |
|             | <b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....                       | <b>1,006,209</b>       | <b>1,006,209</b>        |
|             | <b>SHIPBUILDING AND CONVERSION, NAVY</b>                                    |                        |                         |
|             | <b>FLEET BALLISTIC MISSILE SHIPS</b>  |                        |                         |
| 001         | ADVANCE PROCUREMENT (CY) .....  | 3,005,330              | 3,088,030               |
|             | Accelerated Advance Procurement .....                                       |                        | [150,000]               |
|             | Forward financed in the FY18 Omnibus for the foundry propeller center ..... |                        | [-19,000]               |
|             | Ordnance Early to Need .....  |                        | [-48,300]               |
|             | <b>OTHER WARSHIPS</b>   |                        |                         |
| 002         | CARRIER REPLACEMENT PROGRAM .....   | 1,598,181              | 1,549,081               |
|             | Authorize CVNS1—One ship .....  |                        |                         |
|             | Excess change order rate .....  |                        | [-49,100]               |
| 004         | VIRGINIA CLASS SUBMARINE .....  | 4,373,382              | 5,311,382               |
|             | EOQ AP for submarine in FY 2022 and 2023 .....                              |                        | [1,003,000]             |
|             | Excess change order rate .....  |                        | [-20,000]               |
|             | Forward financed in the FY18 Omnibus .....                                  |                        | [-45,000]               |
| 005         | ADVANCE PROCUREMENT (CY) .....  | 2,796,401              | 2,796,401               |
| 007         | ADVANCE PROCUREMENT (CY) .....  | 449,597                | 449,597                 |
| 008         | DDG 1000 .....  | 270,965                | 270,965                 |
| 009         | DDG-51 .....  | 5,253,327              | 4,941,327               |
|             | DDG Flight III Multiyear Procurement Savings .....                          |                        | [-150,000]              |
|             | Excessive Basic Construction Unit Cost Growth .....                         |                        | [-162,000]              |
| 010         | ADVANCE PROCUREMENT (CY) .....  | 391,928                | 391,928                 |
| 011         | LITTORAL COMBAT SHIP .....  | 646,244                | 1,596,244               |
|             | Program Increase—Two ships .....  |                        | [950,000]               |
|             | <b>AMPHIBIOUS SHIPS</b>   |                        |                         |
| 012A        | ADVANCE PROCUREMENT (CY) .....  |                        | 150,000                 |
|             | EOQ for LPD Flight II Multi-year Procurement .....                          |                        | [150,000]               |
| 013         | EXPEDITIONARY SEA BASE (ESB) .....  | 650,000                | 630,000                 |
|             | Accelerated contracts learning curve .....                                  |                        | [-20,000]               |
|             | <b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>                         |                        |                         |
| 016         | TAO FLEET OILER .....   | 977,104                | 957,104                 |
|             | Accelerated contracts learning curve .....                                  |                        | [-20,000]               |
| 017         | ADVANCE PROCUREMENT (CY) .....  | 75,046                 | 75,046                  |
| 018         | TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....                                | 80,517                 | 75,517                  |
|             | Accelerated contracts learning curve .....                                  |                        | [-5,000]                |
| 020         | LCU 1700 .....  | 41,520                 | 41,520                  |
| 021         | OUTFITTING .....  | 634,038                | 589,038                 |
|             | Outfitting and Post Delivery early to need .....                            |                        | [-45,000]               |
| 022         | SHIP TO SHORE CONNECTOR .....   | 325,375                | 507,875                 |
|             | Program Increase—Three vessels .....  |                        | [182,500]               |
| 023         | SERVICE CRAFT .....   | 72,062                 | 72,062                  |
| 024         | LCAC SLEP .....   | 23,321                 | 23,321                  |
| 028         | COMPLETION OF PY SHIPBUILDING PROGRAMS .....                                | 207,099                | 207,099                 |
|             | <b>TOTAL SHIPBUILDING AND CONVERSION, NAVY</b> .....                        | <b>21,871,437</b>      | <b>23,723,537</b>       |
|             | <b>OTHER PROCUREMENT, NAVY</b>  |                        |                         |
|             | <b>SHIP PROPULSION EQUIPMENT</b>  |                        |                         |
| 001         | SURFACE POWER EQUIPMENT .....   | 19,700                 | 19,700                  |
|             | <b>GENERATORS</b>   |                        |                         |
| 003         | SURFACE COMBATANT HM&E .....  | 23,495                 | 23,495                  |
|             | <b>NAVIGATION EQUIPMENT</b>   |                        |                         |
| 004         | OTHER NAVIGATION EQUIPMENT .....  | 63,330                 | 63,330                  |
|             | <b>OTHER SHIPBOARD EQUIPMENT</b>  |                        |                         |
| 005         | SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....                            | 178,421                | 178,421                 |
| 006         | DDG MOD .....   | 487,999                | 591,199                 |
|             | AWS Installation Unit Cost Growth .....                                     |                        | [-4,800]                |
|             | Navy Unfunded Requirement .....   |                        | [43,000]                |
|             | Program Increase—One additional Combat System .....                         |                        | [65,000]                |
| 007         | FIREFIGHTING EQUIPMENT .....  | 28,143                 | 28,143                  |

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| <b>Line</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|--|------------------------|-------------------------|
| 008         | COMMAND AND CONTROL SWITCHBOARD .....                    | 2,248                  | 2,248                   |
| 009         | LHA/LHD MIDLIFE .....                                    | 37,694                 | 37,694                  |
| 010         | POLLUTION CONTROL EQUIPMENT .....                        | 20,883                 | 20,883                  |
| 011         | SUBMARINE SUPPORT EQUIPMENT .....                        | 37,155                 | 37,155                  |
| 012         | VIRGINIA CLASS SUPPORT EQUIPMENT .....                   | 66,328                 | 66,328                  |
| 013         | LCS CLASS SUPPORT EQUIPMENT .....                        | 47,241                 | 47,241                  |
| 014         | SUBMARINE BATTERIES .....                                | 27,987                 | 27,987                  |
| 015         | LPD CLASS SUPPORT EQUIPMENT .....                        | 65,033                 | 65,033                  |
| 016         | DDG 1000 CLASS SUPPORT EQUIPMENT .....                   | 89,700                 | 89,700                  |
| 017         | STRATEGIC PLATFORM SUPPORT EQUIP .....                   | 22,254                 | 22,254                  |
| 018         | DSSP EQUIPMENT .....                                     | 3,629                  | 3,629                   |
| 019         | CG MODERNIZATION .....                                   | 276,446                | 272,546                 |
|             | Integrated Ship Controls Unit Cost Growth .....          |                        | [-3,900]                |
| 020         | LCAC .....   | 3,709                  | 3,709                   |
| 021         | UNDERWATER EOD PROGRAMS .....                            | 78,807                 | 48,407                  |
|             | Insufficient transition strategy .....                   |                        | [-30,400]               |
| 022         | ITEMS LESS THAN \$5 MILLION .....                        | 126,865                | 126,865                 |
| 023         | CHEMICAL WARFARE DETECTORS .....                         | 2,966                  |                         |
| 024         | SUBMARINE LIFE SUPPORT SYSTEM .....                      | 11,968                 | 11,968                  |
|             | <b>REACTOR PLANT EQUIPMENT</b>                           |                        |                         |
| 025         | REACTOR POWER UNITS .....                                | 346,325                | 0                       |
|             | Early to need .....                                      |                        | [-346,325]              |
| 026         | REACTOR COMPONENTS .....                                 | 497,063                | 497,063                 |
|             | <b>OCEAN ENGINEERING</b>                                 |                        |                         |
| 027         | DIVING AND SALVAGE EQUIPMENT .....                       | 10,706                 | 10,706                  |
|             | <b>SMALL BOATS</b>                                       |                        |                         |
| 028         | STANDARD BOATS .....                                     | 49,771                 | 49,771                  |
|             | <b>PRODUCTION FACILITIES EQUIPMENT</b>                   |                        |                         |
| 029         | OPERATING FORCES IPE .....                               | 225,181                | 225,181                 |
|             | <b>OTHER SHIP SUPPORT</b>                                |                        |                         |
| 031         | LCS COMMON MISSION MODULES EQUIPMENT .....               | 46,732                 | 46,732                  |
| 032         | LCS MCM MISSION MODULES .....                            | 124,147                | 124,147                 |
| 033         | LCS ASW MISSION MODULES .....                            | 57,294                 | 7,394                   |
|             | Late test event for VDS and MFTA .....                   |                        | [-49,900]               |
| 034         | LCS SUW MISSION MODULES .....                            | 26,006                 | 15,006                  |
|             | Surface to Surface MM Early to need .....                |                        | [-11,000]               |
| 035         | LCS IN-SERVICE MODERNIZATION .....                       | 70,526                 | 70,526                  |
|             | <b>LOGISTIC SUPPORT</b>                                  |                        |                         |
| 036         | LSD MIDLIFE & MODERNIZATION .....                        | 4,784                  | 4,784                   |
|             | <b>SHIP SONARS</b>                                       |                        |                         |
| 037         | SPQ-9B RADAR .....                                       | 20,309                 | 20,309                  |
| 038         | AN/SQQ-89 SURF ASW COMBAT SYSTEM .....                   | 115,459                | 115,459                 |
| 039         | SSN ACOUSTIC EQUIPMENT .....                             | 318,189                | 318,189                 |
| 040         | UNDERSEA WARFARE SUPPORT EQUIPMENT .....                 | 10,134                 | 10,134                  |
|             | <b>ASW ELECTRONIC EQUIPMENT</b>                          |                        |                         |
| 041         | SUBMARINE ACOUSTIC WARFARE SYSTEM .....                  | 23,815                 | 23,815                  |
| 042         | SSTD .....   | 11,277                 | 11,277                  |
| 043         | FIXED SURVEILLANCE SYSTEM .....                          | 237,780                | 207,780                 |
|             | Forward financed in the FY18 Omnibus .....               |                        | [-30,000]               |
| 044         | SURTASS .....  | 57,872                 | 47,872                  |
|             | Forward financed in the FY18 Omnibus for SURTASS-E ..... |                        | [-10,000]               |
|             | <b>ELECTRONIC WARFARE EQUIPMENT</b>                      |                        |                         |
| 045         | AN/SLQ-32 .....  | 420,344                | 397,244                 |
|             | Excess Ship Installation Unit Cost Growth .....          |                        | [-23,100]               |
|             | <b>RECONNAISSANCE EQUIPMENT</b>                          |                        |                         |
| 046         | SHIPBOARD IW EXPLOIT .....                               | 220,883                | 220,883                 |
| 047         | AUTOMATED IDENTIFICATION SYSTEM (AIS) .....              | 4,028                  | 4,028                   |
|             | <b>OTHER SHIP ELECTRONIC EQUIPMENT</b>                   |                        |                         |
| 048         | COOPERATIVE ENGAGEMENT CAPABILITY .....                  | 44,173                 | 42,573                  |
|             | Excess Production Engineering Support .....              |                        | [-1,600]                |
| 049         | NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....      | 10,991                 | 10,991                  |
| 050         | ATDLS .....  | 34,526                 | 34,526                  |
| 051         | NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....             | 3,769                  | 3,769                   |
| 052         | MINESWEEPING SYSTEM REPLACEMENT .....                    | 35,709                 | 35,709                  |
| 053         | SHALLOW WATER MCM .....                                  | 8,616                  | 8,616                   |
| 054         | NAVSTAR GPS RECEIVERS (SPACE) .....                      | 10,703                 | 10,703                  |
| 055         | AMERICAN FORCES RADIO AND TV SERVICE .....               | 2,626                  | 2,626                   |
| 056         | STRATEGIC PLATFORM SUPPORT EQUIP .....                   | 9,467                  | 9,467                   |
|             | <b>AVIATION ELECTRONIC EQUIPMENT</b>                     |                        |                         |
| 057         | ASHORE ATC EQUIPMENT .....                               | 70,849                 | 70,849                  |
| 058         | AFLOAT ATC EQUIPMENT .....                               | 47,890                 | 47,890                  |
| 059         | ID SYSTEMS .....   | 26,163                 | 26,163                  |
| 060         | JOINT PRECISION APPROACH AND LANDING SYSTEM ( .....      | 38,094                 | 38,094                  |
| 061         | NAVAL MISSION PLANNING SYSTEMS .....                     | 11,966                 | 11,966                  |
|             | <b>OTHER SHORE ELECTRONIC EQUIPMENT</b>                  |                        |                         |
| 062         | TACTICAL/MOBILE C4I SYSTEMS .....                        | 42,010                 | 42,010                  |
| 063         | DCGS-N .....   | 12,896                 | 12,896                  |
| 064         | CANES .....  | 423,027                | 423,027                 |

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|-------------|---|----------------------------|-----------------------------|
| 065         | RADIAC .....  | 8,175                      | 8,175                       |
| 066         | CANES-INTELL .....                                  | 54,465                     | 54,465                      |
| 067         | GPETE .....   | 5,985                      | 5,985                       |
| 068         | MASF .....  | 5,413                      | 5,413                       |
| 069         | INTEG COMBAT SYSTEM TEST FACILITY .....             | 6,251                      | 6,251                       |
| 070         | EMI CONTROL INSTRUMENTATION .....                   | 4,183                      | 4,183                       |
| 071         | ITEMS LESS THAN \$5 MILLION .....                   | 148,350                    | 148,350                     |
|             | <b>SHIPBOARD COMMUNICATIONS</b>                     |                            |                             |
| 072         | SHIPBOARD TACTICAL COMMUNICATIONS .....             | 45,450                     | 45,450                      |
| 073         | SHIP COMMUNICATIONS AUTOMATION .....                | 105,087                    | 105,087                     |
| 074         | COMMUNICATIONS ITEMS UNDER \$5M .....               | 41,123                     | 41,123                      |
|             | <b>SUBMARINE COMMUNICATIONS</b>                     |                            |                             |
| 075         | SUBMARINE BROADCAST SUPPORT .....                   | 30,897                     | 30,897                      |
| 076         | SUBMARINE COMMUNICATION EQUIPMENT .....             | 78,580                     | 78,580                      |
|             | <b>SATELLITE COMMUNICATIONS</b>                     |                            |                             |
| 077         | SATELLITE COMMUNICATIONS SYSTEMS .....              | 41,205                     | 41,205                      |
| 078         | NAVY MULTIBRAND TERMINAL (NMT) .....                | 113,885                    | 113,885                     |
|             | <b>SHORE COMMUNICATIONS</b>                         |                            |                             |
| 079         | JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....   | 4,292                      | 4,292                       |
|             | <b>CRYPTOGRAPHIC EQUIPMENT</b>                      |                            |                             |
| 080         | INFO SYSTEMS SECURITY PROGRAM (ISSP) .....          | 153,526                    | 153,526                     |
| 081         | MIO INTEL EXPLOITATION TEAM .....                   | 951                        | 951                         |
|             | <b>CRYPTOLOGIC EQUIPMENT</b>                        |                            |                             |
| 082         | CRYPTOLOGIC COMMUNICATIONS EQUIP .....              | 14,209                     | 14,209                      |
|             | <b>OTHER ELECTRONIC SUPPORT</b>                     |                            |                             |
| 086         | COAST GUARD EQUIPMENT .....                         | 40,713                     | 40,713                      |
|             | <b>SONOBUOYS</b>                                    |                            |                             |
| 088         | SONOBUOYS—ALL TYPES .....                           | 177,891                    | 216,191                     |
|             | Navy Unfunded Requirement .....                     |                            | [38,300]                    |
|             | <b>AIRCRAFT SUPPORT EQUIPMENT</b>                   |                            |                             |
| 089         | WEAPONS RANGE SUPPORT EQUIPMENT .....               | 93,864                     | 93,864                      |
| 090         | AIRCRAFT SUPPORT EQUIPMENT .....                    | 111,724                    | 111,724                     |
| 091         | ADVANCED ARRESTING GEAR (AAG) .....                 | 11,054                     | 11,054                      |
| 092         | METEOROLOGICAL EQUIPMENT .....                      | 21,072                     | 21,072                      |
| 093         | DCRS/DPL .....                                      | 656                        | 656                         |
| 094         | AIRBORNE MINE COUNTERMEASURES .....                 | 11,299                     | 11,299                      |
| 095         | LAMPS EQUIPMENT .....                               | 594                        | 594                         |
| 096         | AVIATION SUPPORT EQUIPMENT .....                    | 39,374                     | 39,374                      |
| 097         | UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL ..... | 35,405                     | 35,405                      |
|             | <b>SHIP GUN SYSTEM EQUIPMENT</b>                    |                            |                             |
| 098         | SHIP GUN SYSTEMS EQUIPMENT .....                    | 5,337                      | 5,337                       |
|             | <b>SHIP MISSILE SYSTEMS EQUIPMENT</b>               |                            |                             |
| 099         | SHIP MISSILE SUPPORT EQUIPMENT .....                | 213,090                    | 208,090                     |
|             | Unjustified Stalker Growth .....                    |                            | [-5,000]                    |
| 100         | TOMAHAWK SUPPORT EQUIPMENT .....                    | 92,890                     | 92,890                      |
|             | <b>FBM SUPPORT EQUIPMENT</b>                        |                            |                             |
| 101         | STRATEGIC MISSILE SYSTEMS EQUIP .....               | 271,817                    | 271,817                     |
|             | <b>ASW SUPPORT EQUIPMENT</b>                        |                            |                             |
| 102         | SSN COMBAT CONTROL SYSTEMS .....                    | 129,501                    | 124,001                     |
|             | Excessive Unit Cost Growth for Install .....        |                            | [-5,500]                    |
| 103         | ASW SUPPORT EQUIPMENT .....                         | 19,436                     | 19,436                      |
|             | <b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>             |                            |                             |
| 104         | EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....             | 14,258                     | 14,258                      |
| 105         | ITEMS LESS THAN \$5 MILLION .....                   | 5,378                      | 5,378                       |
|             | <b>OTHER EXPENDABLE ORDNANCE</b>                    |                            |                             |
| 106         | SUBMARINE TRAINING DEVICE MODS .....                | 65,543                     | 65,543                      |
| 107         | SURFACE TRAINING EQUIPMENT .....                    | 230,425                    | 230,425                     |
|             | <b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>          |                            |                             |
| 108         | PASSENGER CARRYING VEHICLES .....                   | 4,867                      | 4,867                       |
| 109         | GENERAL PURPOSE TRUCKS .....                        | 2,674                      | 2,674                       |
| 110         | CONSTRUCTION & MAINTENANCE EQUIP .....              | 20,994                     | 20,994                      |
| 111         | FIRE FIGHTING EQUIPMENT .....                       | 17,189                     | 17,189                      |
| 112         | TACTICAL VEHICLES .....                             | 19,916                     | 19,916                      |
| 113         | AMPHIBIOUS EQUIPMENT .....                          | 7,400                      | 7,400                       |
| 114         | POLLUTION CONTROL EQUIPMENT .....                   | 2,713                      | 2,713                       |
| 115         | ITEMS UNDER \$5 MILLION .....                       | 35,540                     | 35,540                      |
| 116         | PHYSICAL SECURITY VEHICLES .....                    | 1,155                      | 1,155                       |
|             | <b>SUPPLY SUPPORT EQUIPMENT</b>                     |                            |                             |
| 117         | SUPPLY EQUIPMENT .....                              | 18,786                     | 18,786                      |
| 118         | FIRST DESTINATION TRANSPORTATION .....              | 5,375                      | 5,375                       |
| 119         | SPECIAL PURPOSE SUPPLY SYSTEMS .....                | 580,371                    | 580,371                     |
|             | <b>TRAINING DEVICES</b>                             |                            |                             |
| 120         | TRAINING SUPPORT EQUIPMENT .....                    | 3,400                      | 3,400                       |
| 121         | TRAINING AND EDUCATION EQUIPMENT .....              | 24,283                     | 22,183                      |
|             | Excess Production Support .....                     |                            | [-2,100]                    |
|             | <b>COMMAND SUPPORT EQUIPMENT</b>                    |                            |                             |
| 122         | COMMAND SUPPORT EQUIPMENT .....                     | 66,681                     | 66,681                      |
| 123         | MEDICAL SUPPORT EQUIPMENT .....                     | 3,352                      | 3,352                       |

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| 125         | NAVAL MIP SUPPORT EQUIPMENT .....                   | 1,984                  | 1,984                   |
| 126         | OPERATING FORCES SUPPORT EQUIPMENT .....            | 15,131                 | 15,131                  |
| 127         | CAISR EQUIPMENT .....                               | 3,576                  | 3,576                   |
| 128         | ENVIRONMENTAL SUPPORT EQUIPMENT .....               | 31,902                 | 31,902                  |
| 129         | PHYSICAL SECURITY EQUIPMENT .....                   | 175,436                | 175,436                 |
| 130         | ENTERPRISE INFORMATION TECHNOLOGY .....             | 25,393                 | 25,393                  |
|             | <b>OTHER</b>  |                        |                         |
| 133         | NEXT GENERATION ENTERPRISE SERVICE .....            | 96,269                 | 96,269                  |
|             | <b>CLASSIFIED PROGRAMS</b>                          |                        |                         |
| 133A        | CLASSIFIED PROGRAMS .....                           | 15,681                 | 15,681                  |
|             | <b>SPARES AND REPAIR PARTS</b>                      |                        |                         |
| 134         | SPARES AND REPAIR PARTS .....                       | 326,838                | 326,838                 |
|             | <b>TOTAL OTHER PROCUREMENT, NAVY .....</b>          | <b>9,414,355</b>       | <b>9,037,030</b>        |
|             | <b>PROCUREMENT, MARINE CORPS</b>                    |                        |                         |
|             | <b>TRACKED COMBAT VEHICLES</b>                      |                        |                         |
| 001         | AAV7A1 PIP .....                                    | 156,249                | 136,249                 |
|             | Program reduction .....                             |                        | [-20,000]               |
| 002         | AMPHIBIOUS COMBAT VEHICLE 1.1 .....                 | 167,478                | 167,478                 |
| 003         | LAV PIP .....                                       | 43,701                 | 43,701                  |
|             | <b>ARTILLERY AND OTHER WEAPONS</b>                  |                        |                         |
| 005         | 155MM LIGHTWEIGHT TOWED HOWITZER .....              | 47,158                 | 47,158                  |
| 006         | ARTILLERY WEAPONS SYSTEM .....                      | 134,246                | 134,246                 |
| 007         | WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION ..... | 40,687                 | 40,687                  |
|             | <b>OTHER SUPPORT</b>                                |                        |                         |
| 008         | MODIFICATION KITS .....                             | 22,904                 | 22,904                  |
|             | <b>GUIDED MISSILES</b>                              |                        |                         |
| 009         | GROUND BASED AIR DEFENSE .....                      | 18,334                 | 18,334                  |
| 010         | ANTI-ARMOR MISSILE-JAVELIN .....                    | 3,020                  | 3,020                   |
| 011         | FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS) .....     | 13,760                 | 13,760                  |
| 012         | ANTI-ARMOR MISSILE-TOW .....                        | 59,702                 | 59,702                  |
|             | <b>COMMAND AND CONTROL SYSTEMS</b>                  |                        |                         |
| 013         | COMMON AVIATION COMMAND AND CONTROL SYSTEM (C ..... | 35,467                 | 35,467                  |
|             | <b>REPAIR AND TEST EQUIPMENT</b>                    |                        |                         |
| 014         | REPAIR AND TEST EQUIPMENT .....                     | 46,081                 | 41,481                  |
|             | Program Reduction .....                             |                        | [-4,600]                |
|             | <b>OTHER SUPPORT (TEL)</b>                          |                        |                         |
| 015         | MODIFICATION KITS .....                             | 971                    | 971                     |
|             | <b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>         |                        |                         |
| 016         | ITEMS UNDER \$5 MILLION (COMM & ELEC) .....         | 69,203                 | 62,203                  |
|             | Program Reduction .....                             |                        | [-7,000]                |
| 017         | AIR OPERATIONS C2 SYSTEMS .....                     | 14,269                 | 14,269                  |
|             | <b>RADAR + EQUIPMENT (NON-TEL)</b>                  |                        |                         |
| 018         | RADAR SYSTEMS .....                                 | 6,694                  | 6,694                   |
| 019         | GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....       | 224,969                | 224,969                 |
|             | <b>INTELL/COMM EQUIPMENT (NON-TEL)</b>              |                        |                         |
| 021         | GCSS-MC .....                                       | 1,187                  | 1,187                   |
| 022         | FIRE SUPPORT SYSTEM .....                           | 60,189                 | 60,189                  |
| 023         | INTELLIGENCE SUPPORT EQUIPMENT .....                | 73,848                 | 67,848                  |
|             | Unjustified request for TSCS Inc 1 .....            |                        | [-6,000]                |
| 025         | UNMANNED AIR SYSTEMS (INTEL) .....                  | 3,848                  | 3,848                   |
| 026         | DCGS-MC .....                                       | 16,081                 | 16,081                  |
|             | <b>OTHER SUPPORT (NON-TEL)</b>                      |                        |                         |
| 030         | NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....     | 87,120                 | 87,120                  |
| 031         | COMMON COMPUTER RESOURCES .....                     | 68,914                 | 68,914                  |
| 032         | COMMAND POST SYSTEMS .....                          | 124,838                | 124,838                 |
| 033         | RADIO SYSTEMS .....                                 | 279,680                | 264,680                 |
|             | Program reduction .....                             |                        | [-15,000]               |
| 034         | COMM SWITCHING & CONTROL SYSTEMS .....              | 36,649                 | 36,649                  |
| 035         | COMM & ELEC INFRASTRUCTURE SUPPORT .....            | 83,971                 | 83,971                  |
|             | <b>CLASSIFIED PROGRAMS</b>                          |                        |                         |
| 035A        | CLASSIFIED PROGRAMS .....                           | 3,626                  | 3,626                   |
|             | <b>ADMINISTRATIVE VEHICLES</b>                      |                        |                         |
| 036         | COMMERCIAL CARGO VEHICLES .....                     | 25,441                 | 25,441                  |
|             | <b>TACTICAL VEHICLES</b>                            |                        |                         |
| 037         | MOTOR TRANSPORT MODIFICATIONS .....                 | 11,392                 | 11,392                  |
| 038         | JOINT LIGHT TACTICAL VEHICLE .....                  | 607,011                | 676,011                 |
|             | Optimize production profile .....                   |                        | [69,000]                |
| 039         | FAMILY OF TACTICAL TRAILERS .....                   | 2,393                  | 2,393                   |
| 040         | TRAILERS .....                                      | 6,540                  | 6,540                   |
|             | <b>ENGINEER AND OTHER EQUIPMENT</b>                 |                        |                         |
| 041         | ENVIRONMENTAL CONTROL EQUIP ASSORT .....            | 496                    | 496                     |
| 042         | TACTICAL FUEL SYSTEMS .....                         | 54                     | 54                      |
| 043         | POWER EQUIPMENT ASSORTED .....                      | 21,062                 | 21,062                  |
| 044         | AMPHIBIOUS SUPPORT EQUIPMENT .....                  | 5,290                  | 5,290                   |
| 045         | EOD SYSTEMS .....                                   | 47,854                 | 47,854                  |
|             | <b>MATERIALS HANDLING EQUIPMENT</b>                 |                        |                         |
| 046         | PHYSICAL SECURITY EQUIPMENT .....                   | 28,306                 | 28,306                  |

**SEC. 4101. PROCUREMENT**  
*(In Thousands of Dollars)*

| <b>Line</b>                            | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|--|--|------------------------|-------------------------|
| <b>GENERAL PROPERTY</b>                |  |                        |                         |
| 047                                    | FIELD MEDICAL EQUIPMENT .....  | 33,513                 | 33,513                  |
| 048                                    | TRAINING DEVICES .....   | 52,040                 | 52,040                  |
| 049                                    | FAMILY OF CONSTRUCTION EQUIPMENT .....                               | 36,156                 | 39,656                  |
|  | GPS Grade Control Systems (GCS) and Survey Sets .....                |                        | [3,500]                 |
| 050                                    | FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV) .....                   | 606                    | 606                     |
| <b>OTHER SUPPORT</b>                   |  |                        |                         |
| 051                                    | ITEMS LESS THAN \$5 MILLION .....                                    | 11,608                 | 11,608                  |
| <b>SPARES AND REPAIR PARTS</b>         |  |                        |                         |
| 053                                    | SPARES AND REPAIR PARTS .....  | 25,804                 | 25,804                  |
|  | <b>TOTAL PROCUREMENT, MARINE CORPS</b> .....                         | <b>2,860,410</b>       | <b>2,880,310</b>        |
| <b>AIRCRAFT PROCUREMENT, AIR FORCE</b> |  |                        |                         |
| <b>TACTICAL FORCES</b>                 |  |                        |                         |
| 001                                    | F-35 .....   | 4,261,021              | 4,177,681               |
|  | Production Efficiencies .....  |                        | [-83,340]               |
| 002                                    | ADVANCE PROCUREMENT (CY) .....                                       | 406,000                | 406,000                 |
| <b>OTHER COMBAT AIRCRAFT</b>           |  |                        |                         |
| 003                                    | C-135B .....   | 222,176                | 0                       |
|  | Ahead of need .....  |                        | [-222,176]              |
| <b>TACTICAL AIRLIFT</b>                |  |                        |                         |
| 004                                    | C-130J .....   | 35,858                 | 35,858                  |
| 005                                    | KC-46A TANKER .....  | 2,559,911              | 2,010,911               |
|  | Forward financed in the FY18 Omnibus—three aircraft .....            |                        | [-499,000]              |
|  | Interim contractor support early to need .....                       |                        | [-50,000]               |
| <b>OTHER AIRLIFT</b>                   |  |                        |                         |
| 007                                    | HC-130J .....  | 129,437                | 129,437                 |
| 009                                    | MC-130J .....  | 770,201                | 670,201                 |
|  | Interim supply support costs unjustified growth .....                |                        | [-100,000]              |
| 010                                    | ADVANCE PROCUREMENT (CY) .....                                       | 218,000                | 218,000                 |
| <b>HELICOPTERS</b>                     |  |                        |                         |
| 012                                    | COMBAT RESCUE HELICOPTER .....                                       | 680,201                | 680,201                 |
| <b>MISSION SUPPORT AIRCRAFT</b>        |  |                        |                         |
| 014                                    | CIVIL AIR PATROL A/C .....   | 2,719                  | 2,719                   |
| <b>OTHER AIRCRAFT</b>                  |  |                        |                         |
| 015                                    | TARGET DRONES .....  | 139,053                | 139,053                 |
| 016                                    | COMPASS CALL MODS .....  | 108,113                | 108,113                 |
| 018                                    | MQ-9 .....   | 221,707                | 264,507                 |
|  | Program increase .....   |                        | [42,800]                |
| <b>STRATEGIC AIRCRAFT</b>              |  |                        |                         |
| 020                                    | B-2A .....   | 60,301                 | 37,301                  |
|  | MOP modifications excess to need .....                               |                        | [-23,000]               |
| 021                                    | B-1B .....   | 51,290                 | 51,290                  |
| 022                                    | B-52 .....   | 105,519                | 90,819                  |
|  | Technical adjustment (move to R-173) .....                           |                        | [-14,700]               |
| <b>TACTICAL AIRCRAFT</b>               |  |                        |                         |
| 024                                    | A-10 .....   | 98,720                 | 163,720                 |
|  | Additional A-10 wing replacements .....                              |                        | [65,000]                |
| 025                                    | C-130J .....   | 10,831                 | 10,831                  |
| 026                                    | F-15 .....   | 548,109                | 548,109                 |
| 027                                    | F-16 .....   | 324,312                | 324,312                 |
| 028                                    | F-16 .....   | 11                     | 11                      |
| 029                                    | F-22A .....  | 250,710                | 250,710                 |
| 031                                    | F-35 MODIFICATIONS .....   | 247,271                | 247,271                 |
| 032                                    | F-15 EPAW .....  | 147,685                | 214,885                 |
|  | Eagle Passive Active Warning and Survivability System (EPAWSS) ..... |                        | [67,200]                |
| 033                                    | INCREMENT 3.2B .....   | 9,007                  | 9,007                   |
| 035                                    | KC-46A TANKER .....  | 8,547                  | 8,547                   |
| <b>AIRLIFT AIRCRAFT</b>                |  |                        |                         |
| 036                                    | C-5 .....  | 77,845                 | 77,845                  |
| 038                                    | C-17A .....  | 102,121                | 102,121                 |
| 039                                    | C-21 .....   | 17,516                 | 17,516                  |
| 040                                    | C-32A .....  | 4,537                  | 4,537                   |
| 041                                    | C-37A .....  | 419                    | 419                     |
| <b>TRAINER AIRCRAFT</b>                |  |                        |                         |
| 043                                    | GLIDER MODS .....  | 137                    | 137                     |
| 044                                    | T-6 .....  | 22,550                 | 22,550                  |
| 045                                    | T-1 .....  | 21,952                 | 21,952                  |
| 046                                    | T-38 .....   | 70,623                 | 70,623                  |
| <b>OTHER AIRCRAFT</b>                  |  |                        |                         |
| 047                                    | U-2 MODS .....   | 48,774                 | 48,774                  |
| 048                                    | KC-10A (ATCA) .....  | 11,104                 | 11,104                  |
| 049                                    | C-12 .....   | 4,900                  | 4,900                   |
| 050                                    | VC-25A MOD .....   | 36,938                 | 36,938                  |
| 051                                    | C-40 .....   | 251                    | 251                     |
| 052                                    | C-130 .....  | 22,094                 | 151,094                 |
|  | Program Increase—eight blade propeller upgrade (88 kits) .....       |                        | [35,000]                |
|  | Program Increase—engine enhancement program (88 kits) .....          |                        | [74,000]                |

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|--|------------------------|-------------------------|
| 053         | C-130J MODS .....                                  | 132,045                | 132,045                 |
| 054         | C-135 .....  | 113,076                | 113,076                 |
| 055         | OC-135B .....                                      | 5,913                  | 5,913                   |
| 056         | COMPASS CALL MODS .....                            | 49,885                 | 49,885                  |
| 057         | COMBAT FLIGHT INSPECTION (CFIN) .....              | 499                    | 499                     |
| 058         | RC-135 .....                                       | 394,532                | 394,532                 |
| 059         | E-3 .....  | 133,906                | 133,906                 |
| 060         | E-4 .....  | 67,858                 | 67,858                  |
| 061         | E-8 .....  | 9,919                  | 9,919                   |
| 062         | AIRBORNE WARNING AND CNTR SYS (AWACS) 40/45 .....  | 57,780                 | 57,780                  |
| 063         | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....     | 14,293                 | 14,293                  |
| 064         | H-1 .....  | 2,940                  | 2,940                   |
| 065         | H-60 .....   | 55,466                 | 55,466                  |
| 066         | RQ-4 MODS .....                                    | 23,715                 | 128,715                 |
|             | EQ-4 BACN aircraft increase .....                  |                        | [105,000]               |
| 067         | HC/MC-130 MODIFICATIONS .....                      | 37,754                 | 37,754                  |
| 068         | OTHER AIRCRAFT .....                               | 62,010                 | 62,010                  |
| 069         | MQ-9 MODS .....                                    | 171,548                | 171,548                 |
| 071         | CV-22 MODS .....                                   | 60,416                 | 60,416                  |
|             | <b>AIRCRAFT SPARES AND REPAIR PARTS</b>            |                        |                         |
| 072         | INITIAL SPARES/REPAIR PARTS .....                  | 956,408                | 1,016,408               |
|             | F-35A Spares .....                                 |                        | [60,000]                |
|             | <b>COMMON SUPPORT EQUIPMENT</b>                    |                        |                         |
| 073         | AIRCRAFT REPLACEMENT SUPPORT EQUIP .....           | 81,241                 | 81,241                  |
|             | <b>POST PRODUCTION SUPPORT</b>                     |                        |                         |
| 076         | B-2A .....   | 1,763                  | 1,763                   |
| 077         | B-2B .....   | 35,861                 | 35,861                  |
| 078         | B-52 .....   | 12,819                 | 12,819                  |
| 079         | C-17A .....  | 10,114                 | 10,114                  |
| 081         | F-15 .....   | 2,545                  | 2,545                   |
| 083         | F-16 .....   | 11,718                 | 7,718                   |
|             | F-16 Line Shutdown .....                           |                        | [-4,000]                |
| 084         | F-22A .....  | 14,489                 | 14,489                  |
| 085         | OTHER AIRCRAFT .....                               | 9,928                  | 9,928                   |
| 086         | RQ-4 POST PRODUCTION CHARGES .....                 | 40,641                 | 3,341                   |
|             | RQ-4 Post Production Support .....                 |                        | [-37,300]               |
|             | <b>INDUSTRIAL PREPAREDNESS</b>                     |                        |                         |
| 088         | INDUSTRIAL RESPONSIVENESS .....                    | 17,378                 | 17,378                  |
|             | <b>WAR CONSUMABLES</b>                             |                        |                         |
| 090         | WAR CONSUMABLES .....                              | 29,342                 | 29,342                  |
|             | <b>OTHER PRODUCTION CHARGES</b>                    |                        |                         |
| 091         | OTHER PRODUCTION CHARGES .....                     | 1,502,386              | 1,393,386               |
|             | Classified program adjustment .....                |                        | [-109,000]              |
|             | <b>CLASSIFIED PROGRAMS</b>                         |                        |                         |
| 095         | CLASSIFIED PROGRAMS .....                          | 28,278                 | 28,278                  |
|             | <b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> ..... | <b>16,206,937</b>      | <b>15,533,421</b>       |
|             | <b>MISSILE PROCUREMENT, AIR FORCE</b>              |                        |                         |
|             | <b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>     |                        |                         |
| 001         | MISSILE REPLACEMENT EQ-BALLISTIC .....             | 36,786                 | 36,786                  |
|             | <b>TACTICAL</b>                                    |                        |                         |
| 002         | JOINT AIR-SURFACE STANDOFF MISSILE .....           | 430,708                | 430,708                 |
| 003         | LRASMO .....                                       | 44,185                 | 44,185                  |
| 004         | SIDEWINDER (AIM-9X) .....                          | 121,253                | 121,253                 |
| 005         | AMRAAM .....                                       | 337,886                | 337,886                 |
| 006         | PREDATOR HELLFIRE MISSILE .....                    | 113,765                | 113,765                 |
| 007         | SMALL DIAMETER BOMB .....                          | 105,034                | 105,034                 |
| 008         | SMALL DIAMETER BOMB II .....                       | 100,861                | 100,861                 |
|             | <b>INDUSTRIAL FACILITIES</b>                       |                        |                         |
| 009         | INDUSTRIAL PREPAREDNS/POL PREVENTION .....         | 787                    | 787                     |
|             | <b>CLASS IV</b>                                    |                        |                         |
| 010         | ICBM FUZE MOD .....                                | 15,767                 | 15,767                  |
| 011         | ADVANCE PROCUREMENT (CY) .....                     | 4,100                  | 4,100                   |
| 012         | MM III MODIFICATIONS .....                         | 129,199                | 129,199                 |
| 013         | AGM-63D MAVERICK .....                             | 288                    | 288                     |
| 014         | AIR LAUNCH CRUISE MISSILE (ALCM) .....             | 47,632                 | 47,632                  |
|             | <b>MISSILE SPARES AND REPAIR PARTS</b>             |                        |                         |
| 016         | REPLEN SPARES/REPAIR PARTS .....                   | 97,481                 | 97,481                  |
|             | <b>SPECIAL PROGRAMS</b>                            |                        |                         |
| 018         | SPECIAL UPDATE PROGRAMS .....                      | 188,539                | 188,539                 |
|             | <b>CLASSIFIED PROGRAMS</b>                         |                        |                         |
| 019         | CLASSIFIED PROGRAMS .....                          | 895,183                | 895,183                 |
|             | <b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....  | <b>2,669,454</b>       | <b>2,669,454</b>        |
|             | <b>SPACE PROCUREMENT, AIR FORCE</b>                |                        |                         |
|             | <b>SPACE PROGRAMS</b>                              |                        |                         |
| 001         | ADVANCED EHF .....                                 | 29,829                 | 29,829                  |
| 002         | AF SATELLITE COMM SYSTEM .....                     | 35,400                 | 35,400                  |

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| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
| 003         | COUNTERSPACE SYSTEMS .....                              | 1,121                  | 1,121                   |
| 004         | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....          | 27,867                 | 27,867                  |
| 005         | WIDEBAND GAPFILLER SATELLITES(SPACE) .....              | 61,606                 | 61,606                  |
| 006         | GENERAL INFORMATION TECH—SPACE .....                    | 3,425                  | 3,425                   |
| 007         | GPS III SPACE SEGMENT .....                             | 69,386                 | 74,386                  |
|             | GPS backup technology demonstration .....               |                        | [5,000]                 |
| 008         | GLOBAL POSITIONING (SPACE) .....                        | 2,181                  | 2,181                   |
| 009         | INTEG BROADCAST SERV .....                              | 16,445                 | 16,445                  |
| 010         | SPACEBORNE EQUIP (COMSEC) .....                         | 31,895                 | 31,895                  |
| 012         | MILSATCOM .....   | 11,265                 | 11,265                  |
| 013         | EVOLVED EXPENDABLE LAUNCH CAPABILITY .....              | 709,981                | 709,981                 |
| 014         | EVOLVED EXPENDABLE LAUNCH VEH(SPACE) .....              | 994,555                | 994,555                 |
| 015         | SBIR HIGH (SPACE) .....                                 | 138,397                | 138,397                 |
| 017         | NUDET DETECTION SYSTEM .....                            | 7,705                  | 7,705                   |
| 018         | ROCKET SYSTEMS LAUNCH PROGRAM .....                     | 47,609                 | 47,609                  |
| 019         | SPACE FENCE .....                                       | 51,361                 | 51,361                  |
| 020         | SPACE MODS .....  | 148,065                | 148,065                 |
| 021         | SPACELIFT RANGE SYSTEM SPACE .....                      | 117,637                | 117,637                 |
|             | <b>SSPARES</b>  |                        |                         |
| 022         | SPARES AND REPAIR PARTS .....                           | 21,812                 | 21,812                  |
|             | <b>TOTAL SPACE PROCUREMENT, AIR FORCE .....</b>         | <b>2,527,542</b>       | <b>2,532,542</b>        |
|             | <b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>             |                        |                         |
|             | <b>ROCKETS</b>  |                        |                         |
| 001         | ROCKETS .....   | 345,911                | 345,911                 |
|             | <b>CARTRIDGES</b>                                       |                        |                         |
| 002         | CARTRIDGES .....  | 163,840                | 163,840                 |
|             | <b>BOMBS</b>  |                        |                         |
| 003         | PRACTICE BOMBS .....                                    | 20,876                 | 20,876                  |
| 004         | GENERAL PURPOSE BOMBS .....                             | 259,308                | 259,308                 |
| 005         | MASSIVE ORDNANCE PENETRATOR (MOP) .....                 | 38,111                 | 38,111                  |
| 006         | JOINT DIRECT ATTACK MUNITION .....                      | 234,198                | 234,198                 |
| 007         | B61 .....   | 109,292                | 109,292                 |
| 008         | ADVANCE PROCUREMENT (CY) .....                          | 52,731                 | 52,731                  |
|             | <b>OTHER ITEMS</b>                                      |                        |                         |
| 009         | CAD/PAD .....   | 51,455                 | 51,455                  |
| 010         | EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....                 | 6,038                  | 6,038                   |
| 011         | SPARES AND REPAIR PARTS .....                           | 524                    | 524                     |
| 012         | MODIFICATIONS .....                                     | 1,270                  | 1,270                   |
| 013         | ITEMS LESS THAN \$5,000,000 .....                       | 4,604                  | 4,604                   |
|             | <b>FLARES</b>   |                        |                         |
| 015         | FLARES .....  | 125,286                | 125,286                 |
|             | <b>FUZES</b>  |                        |                         |
| 016         | FUZES .....   | 109,358                | 109,358                 |
|             | <b>SMALL ARMS</b>                                       |                        |                         |
| 017         | SMALL ARMS .....  | 64,502                 | 59,502                  |
|             | Program decrease .....                                  |                        | [-5,000]                |
|             | <b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b> | <b>1,587,304</b>       | <b>1,582,304</b>        |
|             | <b>OTHER PROCUREMENT, AIR FORCE</b>                     |                        |                         |
|             | <b>PASSENGER CARRYING VEHICLES</b>                      |                        |                         |
| 001         | PASSENGER CARRYING VEHICLES .....                       | 6,949                  | 3,449                   |
|             | Forward financed in the FY18 Omnibus .....              |                        | [-3,500]                |
|             | <b>CARGO AND UTILITY VEHICLES</b>                       |                        |                         |
| 002         | MEDIUM TACTICAL VEHICLE .....                           | 36,002                 | 18,002                  |
|             | Forward financed in the FY18 Omnibus .....              |                        | [-18,000]               |
| 003         | CAP VEHICLES .....                                      | 1,022                  | 1,022                   |
| 004         | CARGO AND UTILITY VEHICLES .....                        | 42,696                 | 21,696                  |
|             | Forward financed in the FY18 Omnibus .....              |                        | [-21,000]               |
|             | <b>SPECIAL PURPOSE VEHICLES</b>                         |                        |                         |
| 005         | JOINT LIGHT TACTICAL VEHICLE .....                      | 30,145                 | 30,145                  |
| 006         | SECURITY AND TACTICAL VEHICLES .....                    | 1,230                  | 1,230                   |
| 007         | SPECIAL PURPOSE VEHICLES .....                          | 43,003                 | 22,003                  |
|             | Forward financed in the FY18 Omnibus .....              |                        | [-21,000]               |
|             | <b>FIRE FIGHTING EQUIPMENT</b>                          |                        |                         |
| 008         | FIRE FIGHTING/CRASH RESCUE VEHICLES .....               | 23,328                 | 23,328                  |
|             | <b>MATERIALS HANDLING EQUIPMENT</b>                     |                        |                         |
| 009         | MATERIALS HANDLING VEHICLES .....                       | 11,537                 | 11,537                  |
|             | <b>BASE MAINTENANCE SUPPORT</b>                         |                        |                         |
| 010         | RUNWAY SNOW REMOV AND CLEANING EQU .....                | 37,600                 | 37,600                  |
| 011         | BASE MAINTENANCE SUPPORT VEHICLES .....                 | 104,923                | 52,923                  |
|             | Forward financed in the FY18 Omnibus .....              |                        | [-52,000]               |
|             | <b>COMM SECURITY EQUIPMENT(COMSEC)</b>                  |                        |                         |
| 012         | COMSEC EQUIPMENT .....                                  | 114,372                | 114,372                 |
|             | <b>INTELLIGENCE PROGRAMS</b>                            |                        |                         |
| 013         | INTERNATIONAL INTEL TECH & ARCHITECTURES .....          | 8,290                  | 8,290                   |
| 014         | INTELLIGENCE TRAINING EQUIPMENT .....                   | 2,099                  | 2,099                   |
| 015         | INTELLIGENCE COMM EQUIPMENT .....                       | 37,415                 | 37,415                  |



**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

| <b>Line</b>                               | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|---|--|------------------------|-------------------------|
| <b>ELECTRONICS PROGRAMS</b>               |  |                        |                         |
| 016                                       | AIR TRAFFIC CONTROL & LANDING SYS .....                              | 57,937                 | 14,387                  |
|   | D-RAPCON Cost Growth .....   |                        | [-43,550]               |
| 018                                       | BATTLE CONTROL SYSTEM—FIXED .....                                    | 3,012                  | 3,012                   |
| 019                                       | THEATER AIR CONTROL SYS IMPROVEMEN .....                             | 19,989                 | 19,989                  |
| 020                                       | WEATHER OBSERVATION FORECAST .....                                   | 45,020                 | 45,020                  |
| 021                                       | STRATEGIC COMMAND AND CONTROL .....                                  | 32,836                 | 32,836                  |
| 022                                       | CHEYENNE MOUNTAIN COMPLEX .....                                      | 12,454                 | 12,454                  |
| 023                                       | MISSION PLANNING SYSTEMS .....                                       | 14,263                 | 14,263                  |
| 025                                       | INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....                  | 7,769                  | 7,769                   |
| <b>SPCL COMM-ELECTRONICS PROJECTS</b>     |  |                        |                         |
| 026                                       | GENERAL INFORMATION TECHNOLOGY .....                                 | 40,450                 | 40,450                  |
| 027                                       | AF GLOBAL COMMAND & CONTROL SYS .....                                | 6,619                  | 6,619                   |
| 028                                       | MOBILITY COMMAND AND CONTROL .....                                   | 10,192                 | 10,192                  |
| 029                                       | AIR FORCE PHYSICAL SECURITY SYSTEM .....                             | 159,313                | 143,413                 |
|   | Underexecution .....   |                        | [-15,900]               |
| 030                                       | COMBAT TRAINING RANGES .....   | 132,675                | 132,675                 |
| 031                                       | MINIMUM ESSENTIAL EMERGENCY COMM N .....                             | 140,875                | 140,875                 |
| 032                                       | WIDE AREA SURVEILLANCE (WAS) .....                                   | 92,104                 | 92,104                  |
| 033                                       | C3 COUNTERMEASURES .....   | 45,152                 | 45,152                  |
| 034                                       | GCSS-AF FOS .....  | 483                    | 483                     |
| 035                                       | DEFENSE ENTERPRISE ACCOUNTING & MGT SYS .....                        | 802                    | 802                     |
| 036                                       | MAINTENANCE REPAIR & OVERHAUL INITIATIVE .....                       | 12,207                 | 12,207                  |
| 037                                       | THEATER BATTLE MGT C2 SYSTEM .....                                   | 7,644                  | 7,644                   |
| 038                                       | AIR & SPACE OPERATIONS CENTER (AOC) .....                            | 40,066                 | 40,066                  |
| <b>AIR FORCE COMMUNICATIONS</b>           |  |                        |                         |
| 041                                       | BASE INFORMATION TRANSP T INFRAST (BITI) WIRED .....                 | 22,357                 | 22,357                  |
| 042                                       | AFNET .....  | 102,836                | 102,836                 |
| 043                                       | JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....                    | 3,145                  | 3,145                   |
| 044                                       | USCENTCOM .....  | 13,194                 | 13,194                  |
| <b>ORGANIZATION AND BASE</b>              |  |                        |                         |
| 045                                       | TACTICAL C-E EQUIPMENT .....   | 161,231                | 161,231                 |
| 047                                       | RADIO EQUIPMENT .....  | 12,142                 | 12,142                  |
| 048                                       | CCTV/AUDIOVISUAL EQUIPMENT .....                                     | 6,505                  | 6,505                   |
| 049                                       | BASE COMM INFRASTRUCTURE .....                                       | 169,404                | 169,404                 |
| <b>MODIFICATIONS</b>                      |  |                        |                         |
| 050                                       | COMM ELECT MODS .....  | 10,654                 | 10,654                  |
| <b>PERSONAL SAFETY &amp; RESCUE EQUIP</b> |  |                        |                         |
| 051                                       | PERSONAL SAFETY AND RESCUE EQUIPMENT .....                           | 51,906                 | 51,906                  |
| <b>DEPOT PLANT+MTRLS HANDLING EQ</b>      |  |                        |                         |
| 052                                       | MECHANIZED MATERIAL HANDLING EQUIP .....                             | 88,298                 | 80,798                  |
|   | Program reduction .....  |                        | [-7,500]                |
| <b>BASE SUPPORT EQUIPMENT</b>             |  |                        |                         |
| 053                                       | BASE PROCURED EQUIPMENT .....  | 17,031                 | 22,031                  |
|   | Civil Engineers Construction, Surveying, and Mapping Equipment ..... |                        | [5,000]                 |
| 054                                       | ENGINEERING AND EOD EQUIPMENT .....                                  | 82,635                 | 82,635                  |
| 055                                       | MOBILITY EQUIPMENT .....   | 9,549                  | 6,549                   |
|   | Program reduction .....  |                        | [-3,000]                |
| 056                                       | BASE MAINTENANCE AND SUPPORT EQUIPMENT .....                         | 24,005                 | 17,005                  |
|   | Program reduction .....  |                        | [-7,000]                |
| <b>SPECIAL SUPPORT PROJECTS</b>           |  |                        |                         |
| 058                                       | DARP RC135 .....   | 26,262                 | 26,262                  |
| 059                                       | DCGS-AF .....  | 448,290                | 400,490                 |
|   | Forward financed in the FY18 Omnibus .....                           |                        | [-35,000]               |
|   | Program decrease .....   |                        | [-12,800]               |
| 061                                       | SPECIAL UPDATE PROGRAM .....   | 913,813                | 913,813                 |
| <b>CLASSIFIED PROGRAMS</b>                |  |                        |                         |
| 062                                       | CLASSIFIED PROGRAMS .....  | 17,258,069             | 17,258,069              |
| <b>SPARES AND REPAIR PARTS</b>            |  |                        |                         |
| 063                                       | SPARES AND REPAIR PARTS .....  | 86,365                 | 86,365                  |
|   | <b>TOTAL OTHER PROCUREMENT, AIR FORCE .....</b>                      | <b>20,890,164</b>      | <b>20,654,914</b>       |
| <b>PROCUREMENT, DEFENSE-WIDE</b>          |  |                        |                         |
| <b>MAJOR EQUIPMENT, OSD</b>               |  |                        |                         |
| 043                                       | MAJOR EQUIPMENT, OSD .....   | 35,295                 | 35,295                  |
| <b>MAJOR EQUIPMENT, NSA</b>               |  |                        |                         |
| 042                                       | INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....                    | 5,403                  | 5,403                   |
| <b>MAJOR EQUIPMENT, WHS</b>               |  |                        |                         |
| 046                                       | MAJOR EQUIPMENT, WHS .....   | 497                    | 497                     |
| <b>MAJOR EQUIPMENT, DISA</b>              |  |                        |                         |
| 007                                       | INFORMATION SYSTEMS SECURITY .....                                   | 21,590                 | 21,590                  |
| 008                                       | TELEPORT PROGRAM .....   | 33,905                 | 33,905                  |
| 009                                       | ITEMS LESS THAN \$5 MILLION .....                                    | 27,886                 | 27,886                  |
| 010                                       | NET CENTRIC ENTERPRISE SERVICES (NCES) .....                         | 1,017                  | 1,017                   |
| 011                                       | DEFENSE INFORMATION SYSTEM NETWORK .....                             | 150,674                | 150,674                 |
| 013                                       | WHITE HOUSE COMMUNICATION AGENCY .....                               | 94,610                 | 94,610                  |
| 014                                       | SENIOR LEADERSHIP ENTERPRISE .....                                   | 197,246                | 197,246                 |
| 015                                       | JOINT REGIONAL SECURITY STACKS (JRSS) .....                          | 140,338                | 140,338                 |

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
| 016         | JOINT SERVICE PROVIDER .....                            | 107,182                | 107,182                 |
|             | <b>MAJOR EQUIPMENT, DLA</b>                             |                        |                         |
| 018         | MAJOR EQUIPMENT .....                                   | 5,225                  | 5,225                   |
|             | <b>MAJOR EQUIPMENT, DSS</b>                             |                        |                         |
| 021         | MAJOR EQUIPMENT .....                                   | 1,196                  | 1,196                   |
|             | <b>MAJOR EQUIPMENT, DCAA</b>                            |                        |                         |
| 001         | ITEMS LESS THAN \$5 MILLION .....                       | 2,542                  | 2,542                   |
|             | <b>MAJOR EQUIPMENT, TJS</b>                             |                        |                         |
| 044         | MAJOR EQUIPMENT, TJS .....                              | 4,360                  | 4,360                   |
| 045         | MAJOR EQUIPMENT, TJS—CE2T2 .....                        | 904                    | 904                     |
|             | <b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>          |                        |                         |
| 026         | THAAD .....   | 874,068                | 874,068                 |
| 027         | GROUND BASED MIDCOURSE .....                            | 409,000                | 409,000                 |
| 028         | ADVANCE PROCUREMENT (CY) .....                          | 115,000                | 115,000                 |
| 029         | AEGIS BMD .....   | 593,488                | 593,488                 |
| 030         | ADVANCE PROCUREMENT (CY) .....                          | 115,206                | 115,206                 |
| 031         | BMDs AN/TPY-2 RADARS .....                              | 13,185                 | 13,185                  |
| 032         | ISRAELI PROGRAMS .....                                  | 80,000                 | 80,000                  |
| 033         | SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD) .....     | 50,000                 | 50,000                  |
| 034         | AEGIS ASHORE PHASE III .....                            | 15,000                 | 15,000                  |
| 035         | IRON DOME .....   | 70,000                 | 70,000                  |
| 036         | AEGIS BMD HARDWARE AND SOFTWARE .....                   | 97,057                 | 97,057                  |
|             | <b>MAJOR EQUIPMENT, DHRA</b>                            |                        |                         |
| 003         | PERSONNEL ADMINISTRATION .....                          | 10,630                 | 10,630                  |
|             | <b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b> |                        |                         |
| 023         | VEHICLES .....  | 207                    | 207                     |
| 024         | OTHER MAJOR EQUIPMENT .....                             | 5,592                  | 5,592                   |
|             | <b>MAJOR EQUIPMENT, DODEA</b>                           |                        |                         |
| 020         | AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....        | 1,723                  | 1,723                   |
|             | <b>MAJOR EQUIPMENT, DCMA</b>                            |                        |                         |
| 002         | MAJOR EQUIPMENT .....                                   | 3,873                  | 3,873                   |
|             | <b>MAJOR EQUIPMENT, DMACT</b>                           |                        |                         |
| 019         | MAJOR EQUIPMENT .....                                   | 13,106                 | 13,106                  |
|             | <b>CLASSIFIED PROGRAMS</b>                              |                        |                         |
| 046A        | CLASSIFIED PROGRAMS .....                               | 589,691                | 589,691                 |
|             | <b>AVIATION PROGRAMS</b>                                |                        |                         |
| 050         | ROTARY WING UPGRADES AND SUSTAINMENT .....              | 148,351                | 148,351                 |
| 051         | UNMANNED ISR .....                                      | 57,708                 | 57,708                  |
| 052         | NON-STANDARD AVIATION .....                             | 18,731                 | 18,731                  |
| 053         | U-28 .....  | 32,301                 | 32,301                  |
| 054         | MH-47 CHINOOK .....                                     | 131,033                | 131,033                 |
| 055         | CV-22 MODIFICATION .....                                | 32,529                 | 32,529                  |
| 056         | MQ-9 UNMANNED AERIAL VEHICLE .....                      | 24,621                 | 24,621                  |
| 057         | PRECISION STRIKE PACKAGE .....                          | 226,965                | 226,965                 |
| 058         | AC/MC-130J .....  | 165,813                | 165,813                 |
| 059         | C-130 MODIFICATIONS .....                               | 80,274                 | 80,274                  |
|             | <b>SHIPBUILDING</b>                                     |                        |                         |
| 060         | UNDERWATER SYSTEMS .....                                | 136,723                | 136,723                 |
|             | <b>AMMUNITION PROGRAMS</b>                              |                        |                         |
| 061         | ORDNANCE ITEMS <\$5M .....                              | 357,742                | 357,742                 |
|             | <b>OTHER PROCUREMENT PROGRAMS</b>                       |                        |                         |
| 062         | INTELLIGENCE SYSTEMS .....                              | 85,699                 | 85,699                  |
| 063         | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....         | 17,863                 | 17,863                  |
| 064         | OTHER ITEMS <\$5M .....                                 | 112,117                | 112,117                 |
| 065         | COMBATANT CRAFT SYSTEMS .....                           | 7,313                  | 7,313                   |
| 066         | SPECIAL PROGRAMS .....                                  | 14,026                 | 14,026                  |
| 067         | TACTICAL VEHICLES .....                                 | 88,608                 | 88,608                  |
| 068         | WARRIOR SYSTEMS <\$5M .....                             | 438,590                | 433,390                 |
|             | Link 16 handheld radios for USSOCOM .....               |                        | [12,800]                |
|             | SAT Deployable Node .....                               |                        | [-18,000]               |
| 069         | COMBAT MISSION REQUIREMENTS .....                       | 19,408                 | 19,408                  |
| 070         | GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....              | 6,281                  | 6,281                   |
| 071         | OPERATIONAL ENHANCEMENTS INTELLIGENCE .....             | 18,509                 | 18,509                  |
| 073         | OPERATIONAL ENHANCEMENTS .....                          | 367,433                | 367,433                 |
|             | <b>CBDP</b>   |                        |                         |
| 074         | CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....         | 166,418                | 153,618                 |
|             | Program decrease .....                                  |                        | [-12,800]               |
| 075         | CB PROTECTION & HAZARD MITIGATION .....                 | 144,519                | 144,519                 |
|             | <b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....            | <b>6,786,271</b>       | <b>6,768,271</b>        |
|             | <b>JOINT URGENT OPERATIONAL NEEDS FUND</b>              |                        |                         |
|             | <b>JOINT URGENT OPERATIONAL NEEDS FUND</b>              |                        |                         |
| 001         | JOINT URGENT OPERATIONAL NEEDS FUND .....               | 100,025                | 0                       |
|             | Program decrease .....                                  |                        | [-100,025]              |
|             | <b>TOTAL JOINT URGENT OPERATIONAL NEEDS FUND</b> .....  | <b>100,025</b>         | <b>0</b>                |
|             | <b>TOTAL PROCUREMENT</b> .....                          | <b>130,526,043</b>     | <b>133,587,892</b>      |

## 1 SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY

## 2 OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

| Line   | Item  | FY 2019 Request  | House Authorized  |
|--|---|------------------|-------------------|
| <b>AIRCRAFT PROCUREMENT, ARMY</b>              |   |                  |                   |
| <b>FIXED WING</b>                              |   |                  |                   |
| 003  | MQ-1 UAV .....  | 60,000           | 60,000            |
| <b>ROTARY</b>                                  |   |                  |                   |
| 011  | UH-60 BLACKHAWK M MODEL (MYP) .....                           | 21,246           | 21,246            |
| 014  | CH-47 HELICOPTER .....  | 25,000           | 25,000            |
| <b>MODIFICATION OF AIRCRAFT</b>                |   |                  |                   |
| 017  | MQ-1 PAYLOAD (MIP) .....                                      | 11,400           | 11,400            |
| 019  | GRAY EAGLE MODS2 .....  | 32,000           | 32,000            |
| 020  | MULTI SENSOR ABN RECON (MIP) .....                            | 51,000           | 51,000            |
| 032  | RQ-7 UAV MODS .....   | 50,868           | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-50,868]</i>  |
| 033  | UAS MODS .....  | 3,402            | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-3,402]</i>   |
| <b>GROUND SUPPORT AVIONICS</b>                 |   |                  |                   |
| 036  | CMWS .....  | 84,387           | 84,387            |
| 037  | COMMON INFRARED COUNTERMEASURES (CIRCM) .....                 | 24,060           | 24,060            |
|  | <b>TOTAL AIRCRAFT PROCUREMENT, ARMY .....</b>                 | <b>363,363</b>   | <b>309,093</b>    |
| <b>MISSILE PROCUREMENT, ARMY</b>               |   |                  |                   |
| <b>SURFACE-TO-AIR MISSILE SYSTEM</b>           |   |                  |                   |
| 002  | MSE MISSILE .....   | 260,000          | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-260,000]</i> |
| <b>AIR-TO-SURFACE MISSILE SYSTEM</b>           |   |                  |                   |
| 005  | HELLFIRE SYS SUMMARY .....                                    | 255,040          | 255,040           |
| <b>ANTI-TANK/ASSAULT MISSILE SYS</b>           |   |                  |                   |
| 008  | JAVELIN (AAWS-M) SYSTEM SUMMARY .....                         | 31,120           | 17,320            |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-13,800]</i>  |
| 011  | GUIDED MLRS ROCKET (GMLRS) .....                              | 624,500          | 624,500           |
| 013  | HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....          | 171,138          | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-171,138]</i> |
| 014  | LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....          | 112,973          | 112,973           |
| <b>MODIFICATIONS</b>                           |   |                  |                   |
| 016  | ATACMS MODS .....   | 225,580          | 145,580           |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-80,000]</i>  |
| 021  | MLRS MODS .....   | 122,000          | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-122,000]</i> |
|  | <b>TOTAL MISSILE PROCUREMENT, ARMY .....</b>                  | <b>1,802,351</b> | <b>1,155,413</b>  |
| <b>PROCUREMENT OF W&amp;TCV, ARMY</b>          |   |                  |                   |
| <b>TRACKED COMBAT VEHICLES</b>                 |   |                  |                   |
| 001  | BRADLEY PROGRAM .....   | 205,000          | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-205,000]</i> |
| 002  | ARMORED MULTI PURPOSE VEHICLE (AMPV) .....                    | 230,359          | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-230,359]</i> |
| <b>MODIFICATION OF TRACKED COMBAT VEHICLES</b> |   |                  |                   |
| 006  | BRADLEY PROGRAM (MOD) .....                                   | 50,000           | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-50,000]</i>  |
| 008  | PALADIN INTEGRATED MANAGEMENT (PIM) .....                     | 67,000           | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-67,000]</i>  |
| 009  | IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....              | 42,354           | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-42,354]</i>  |
| 014  | M1 ABRAMS TANK (MOD) .....                                    | 34,000           | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-34,000]</i>  |
| 015  | ABRAMS UPGRADE PROGRAM .....                                  | 455,000          | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-455,000]</i> |
| <b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>     |   |                  |                   |
| 018  | M240 MEDIUM MACHINE GUN (7.62MM) .....                        | 126              | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-126]</i>     |
| 022  | MORTAR SYSTEMS .....  | 11,842           | 11,662            |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-180]</i>     |
| 025  | CARBINE .....   | 1,800            | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-1,800]</i>   |
| 027  | COMMON REMOTELY OPERATED WEAPONS STATION .....                | 3,378            | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-3,378]</i>   |
| <b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>     |   |                  |                   |
| 032  | M2 50 CAL MACHINE GUN MODS .....                              | 4,920            | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-4,920]</i>   |
| 034  | M240 MEDIUM MACHINE GUN MODS .....                            | 7                | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-7]</i>       |
| <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>      |   |                  |                   |
| 039  | ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....                      | 1,397            | 0                 |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i> |                  | <i>[-1,397]</i>   |

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
|             | <b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....             | <b>1,107,183</b>       | <b>11,662</b>           |
|             | <b>PROCUREMENT OF AMMUNITION, ARMY</b>                        |                        |                         |
|             | <b>SMALL/MEDIUM CAL AMMUNITION</b>                            |                        |                         |
| 001         | CTG, 5.56MM, ALL TYPES .....                                  | 3,392                  | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-3,392]                |
| 002         | CTG, 7.62MM, ALL TYPES .....                                  | 40                     | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-40]                   |
| 003         | CTG, HANDGUN, ALL TYPES .....                                 | 17                     | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-17]                   |
| 004         | CTG, .50 CAL, ALL TYPES .....                                 | 189                    | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-189]                  |
| 005         | CTG, 20MM, ALL TYPES .....                                    | 1,605                  | 1,605                   |
| 007         | CTG, 30MM, ALL TYPES .....                                    | 25,000                 | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-25,000]               |
|             | <b>MORTAR AMMUNITION</b>                                      |                        |                         |
| 009         | 60MM MORTAR, ALL TYPES .....                                  | 218                    | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-218]                  |
| 010         | 81MM MORTAR, ALL TYPES .....                                  | 484                    | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-484]                  |
|             | <b>ARTILLERY AMMUNITION</b>                                   |                        |                         |
| 014         | ARTILLERY PROJECTILE, 155MM, ALL TYPES .....                  | 79,400                 | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-79,400]               |
| 015         | PROJ 155MM EXTENDED RANGE M982 .....                          | 72,985                 | 21,285                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-51,700]               |
| 016         | ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....           | 63,900                 | 15,000                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-48,900]               |
|             | <b>ROCKETS</b>  |                        |                         |
| 018         | SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....                  | 22,242                 | 20,000                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-2,242]                |
| 019         | ROCKET, HYDRA 70, ALL TYPES .....                             | 39,974                 | 39,974                  |
|             | <b>OTHER AMMUNITION</b>                                       |                        |                         |
| 021         | DEMOLITION MUNITIONS, ALL TYPES .....                         | 5                      | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-5]                    |
| 022         | GRENADES, ALL TYPES .....                                     | 8                      | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-8]                    |
|             | <b>MISCELLANEOUS</b>  |                        |                         |
| 027         | ITEMS LESS THAN \$5 MILLION (AMMO) .....                      | 66                     | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-66]                   |
|             | <b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....            | <b>309,525</b>         | <b>97,864</b>           |
|             | <b>OTHER PROCUREMENT, ARMY</b>                                |                        |                         |
|             | <b>TACTICAL VEHICLES</b>                                      |                        |                         |
| 002         | SEMITRAILERS, FLATBED: .....                                  | 8,000                  | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-8,000]                |
| 003         | AMBULANCE, 4 LITTER, 5/4 TON, 4X4 .....                       | 20,770                 | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-20,770]               |
| 010         | FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....                | 115,400                | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-115,400]              |
| 012         | HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....             | 6,682                  | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-6,682]                |
| 013         | TACTICAL WHEELED VEHICLE PROTECTION KITS .....                | 50,000                 | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-50,000]               |
| 014         | MODIFICATION OF IN SVC EQUIP .....                            | 186,377                | 186,000                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-377]                  |
|             | <b>COMM—SATELLITE COMMUNICATIONS</b>                          |                        |                         |
| 028         | TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....           | 7,100                  | 7,100                   |
|             | <b>COMM—COMBAT COMMUNICATIONS</b>                             |                        |                         |
| 037         | JOINT TACTICAL RADIO SYSTEM .....                             | 1,560                  | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-1,560]                |
| 042         | TRACTOR RIDE .....  | 13,190                 | 13,190                  |
| 045         | TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM .....           | 9,549                  | 9,549                   |
| 047         | COTS COMMUNICATIONS EQUIPMENT .....                           | 22,000                 | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-22,000]               |
|             | <b>COMM—INTELLIGENCE COMM</b>                                 |                        |                         |
| 050         | CI AUTOMATION ARCHITECTURE (MIP) .....                        | 9,800                  | 9,800                   |
|             | <b>INFORMATION SECURITY</b>                                   |                        |                         |
| 055         | COMMUNICATIONS SECURITY (COMSEC) .....                        | 3                      | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-3]                    |
|             | <b>COMM—LONG HAUL COMMUNICATIONS</b>                          |                        |                         |
| 059         | BASE SUPPORT COMMUNICATIONS .....                             | 690                    | 690                     |
|             | <b>COMM—BASE COMMUNICATIONS</b>                               |                        |                         |
| 060         | INFORMATION SYSTEMS .....                                     | 8,750                  | 8,750                   |
| 063         | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....            | 60,337                 | 51,287                  |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-9,050]                |
|             | <b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>                   |                        |                         |
| 068         | DCGS-A (MIP) .....  | 37,806                 | 37,806                  |
| 070         | TROJAN (MIP) .....  | 6,926                  | 6,326                   |

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-600]                  |
| 071         | MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....                   | 2,011                  | 2,011                   |
| 075         | BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....             | 5,370                  | 5,370                   |
|             | <b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>                    |                        |                         |
| 080         | CREW .....  | 42,651                 | 42,651                  |
| 081         | FAMILY OF PERSISTENT SURVEILLANCE CAP. (MIP) .....            | 20,050                 | 25,450                  |
|             | <i>SOUTHCOM UFR: CENTAM Maritime Sensor</i> .....             |                        | [3,600]                 |
|             | <i>SOUTHCOM UFR: SIGINT Suite COMSAT RF</i> .....             |                        | [1,800]                 |
| 082         | COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....            | 12,974                 | 12,974                  |
|             | <b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>                  |                        |                         |
| 085         | NIGHT VISION DEVICES .....                                    | 463                    | 377                     |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-86]                   |
| 086         | LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM .....           | 2,861                  | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-2,861]                |
| 087         | SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....               | 60                     | 60                      |
| 088         | RADIATION MONITORING SYSTEMS .....                            | 11                     | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-11]                   |
| 090         | INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....              | 251,062                | 250,800                 |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-262]                  |
| 091         | FAMILY OF WEAPON SIGHTS (FWS) .....                           | 525                    | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-525]                  |
| 094         | JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....                   | 26,146                 | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-26,146]               |
| 096         | MOD OF IN-SVC EQUIP (LLDR) .....                              | 4,050                  | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-4,050]                |
| 097         | COMPUTER BALLISTICS: LHMCB XM32 .....                         | 960                    | 960                     |
| 098         | MORTAR FIRE CONTROL SYSTEM .....                              | 7,660                  | 7,660                   |
| 099         | COUNTERFIRE RADARS .....                                      | 165,200                | 165,200                 |
|             | <b>ELECT EQUIP—AUTOMATION</b>                                 |                        |                         |
| 112         | AUTOMATED DATA PROCESSING EQUIP .....                         | 28,475                 | 28,475                  |
|             | <b>CHEMICAL DEFENSIVE EQUIPMENT</b>                           |                        |                         |
| 121         | PROTECTIVE SYSTEMS .....                                      | 27                     | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-27]                   |
| 122         | FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....                   | 20,200                 | 20,200                  |
| 123         | BASE DEFENSE SYSTEMS (BDS) .....                              | 39,200                 | 39,200                  |
| 124         | CBRN DEFENSE .....  | 2,317                  | 2,000                   |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-317]                  |
|             | <b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>                  |                        |                         |
| 129         | GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....              | 16,000                 | 16,000                  |
| 130         | AREA MINE DETECTION SYSTEM (AMDS) .....                       | 1                      | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-1]                    |
| 132         | ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....                    | 4,850                  | 4,850                   |
| 136         | REMOTE DEMOLITION SYSTEMS .....                               | 1                      | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-1]                    |
|             | <b>COMBAT SERVICE SUPPORT EQUIPMENT</b>                       |                        |                         |
| 139         | HEATERS AND ECUS .....  | 270                    | 270                     |
| 141         | PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....                | 4,300                  | 4,300                   |
| 142         | GROUND SOLDIER SYSTEM .....                                   | 1,725                  | 1,725                   |
| 144         | FORCE PROVIDER .....  | 55,800                 | 55,800                  |
| 145         | FIELD FEEDING EQUIPMENT .....                                 | 1,035                  | 1,035                   |
| 146         | CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....           | 1,980                  | 1,980                   |
|             | <b>MEDICAL EQUIPMENT</b>                                      |                        |                         |
| 151         | COMBAT SUPPORT MEDICAL .....                                  | 17,527                 | 17,527                  |
|             | <b>MAINTENANCE EQUIPMENT</b>                                  |                        |                         |
| 153         | ITEMS LESS THAN \$5.0M (MAINT EQ) .....                       | 268                    | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-268]                  |
|             | <b>CONSTRUCTION EQUIPMENT</b>                                 |                        |                         |
| 159         | HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....                 | 25,700                 | 25,700                  |
|             | <b>GENERATORS</b>   |                        |                         |
| 165         | GENERATORS AND ASSOCIATED EQUIP .....                         | 569                    | 569                     |
|             | <b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>                   |                        |                         |
| 174         | INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....              | 9,495                  | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-9,495]                |
|             | <b>OTHER SUPPORT EQUIPMENT</b>                                |                        |                         |
| 176         | M25 STABILIZED BINOCULAR .....                                | 33                     | 0                       |
|             | <i>Realignment of EDI APS Unit Set from OCO to Base</i> ..... |                        | [-33]                   |
| 177         | RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....               | 18,000                 | 18,000                  |
| 178         | PHYSICAL SECURITY SYSTEMS (OPA3) .....                        | 6,000                  | 6,000                   |
| 179         | BASE LEVEL COMMON EQUIPMENT .....                             | 2,080                  | 2,080                   |
| 180         | MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....                | 19,200                 | 19,200                  |
|             | <b>TOTAL OTHER PROCUREMENT, ARMY</b> .....                    | <b>1,382,047</b>       | <b>1,108,922</b>        |
|             | <b>AIRCRAFT PROCUREMENT, NAVY</b>                             |                        |                         |
|             | <b>OTHER AIRCRAFT</b>   |                        |                         |
| 025         | STUASLo UAV .....   | 35,065                 | 35,065                  |
|             | <b>MODIFICATION OF AIRCRAFT</b>                               |                        |                         |
| 032         | SH-60 SERIES .....  | 4,858                  | 4,858                   |
| 034         | EP-3 SERIES .....   | 5,380                  | 5,380                   |

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| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
| 044         | SPECIAL PROJECT AIRCRAFT .....                        | 2,165                  | 2,165                   |
| 049         | COMMON ECM EQUIPMENT .....                            | 9,820                  | 9,820                   |
| 051         | COMMON DEFENSIVE WEAPON SYSTEM .....                  | 3,206                  | 3,206                   |
| 061         | QRC .....   | 2,410                  | 2,410                   |
| 063         | RQ-21 SERIES .....                                    | 17,215                 | 17,215                  |
|             | <b>TOTAL AIRCRAFT PROCUREMENT, NAVY .....</b>         | <b>80,119</b>          | <b>80,119</b>           |
|             | <b>WEAPONS PROCUREMENT, NAVY</b>                      |                        |                         |
|             | <b>TACTICAL MISSILES</b>                              |                        |                         |
| 004         | AMRAAM .....  | 1,183                  | 1,183                   |
| 005         | SIDEWINDER .....                                      | 381                    | 381                     |
| 012         | HELLFIRE .....  | 1,530                  | 1,530                   |
| 015         | AERIAL TARGETS .....                                  | 6,500                  | 6,500                   |
|             | <b>GUNS AND GUN MOUNTS</b>                            |                        |                         |
| 035         | SMALL ARMS AND WEAPONS .....                          | 1,540                  | 1,540                   |
|             | <b>MODIFICATION OF GUNS AND GUN MOUNTS</b>            |                        |                         |
| 038         | GUN MOUNT MODS .....                                  | 3,000                  | 3,000                   |
|             | <b>TOTAL WEAPONS PROCUREMENT, NAVY .....</b>          | <b>14,134</b>          | <b>14,134</b>           |
|             | <b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>             |                        |                         |
|             | <b>NAVY AMMUNITION</b>                                |                        |                         |
| 001         | GENERAL PURPOSE BOMBS .....                           | 62,530                 | 62,530                  |
| 002         | JDAM .....  | 93,019                 | 93,019                  |
| 003         | AIRBORNE ROCKETS, ALL TYPES .....                     | 2,163                  | 2,163                   |
| 004         | MACHINE GUN AMMUNITION .....                          | 5,000                  | 5,000                   |
| 006         | CARTRIDGES & CART ACTUATED DEVICES .....              | 5,334                  | 5,334                   |
| 007         | AIR EXPENDABLE COUNTERMEASURES .....                  | 36,580                 | 36,580                  |
| 008         | JATOS .....   | 747                    | 747                     |
| 011         | OTHER SHIP GUN AMMUNITION .....                       | 2,538                  | 2,538                   |
| 013         | PYROTECHNIC AND DEMOLITION .....                      | 1,807                  | 1,807                   |
| 015         | AMMUNITION LESS THAN \$5 MILLION .....                | 2,229                  | 2,229                   |
|             | <b>MARINE CORPS AMMUNITION</b>                        |                        |                         |
| 019         | MORTARS .....   | 2,018                  | 2,018                   |
| 021         | DIRECT SUPPORT MUNITIONS .....                        | 632                    | 632                     |
| 022         | INFANTRY WEAPONS AMMUNITION .....                     | 779                    | 779                     |
| 026         | COMBAT SUPPORT MUNITIONS .....                        | 164                    | 164                     |
| 029         | ARTILLERY MUNITIONS .....                             | 31,001                 | 31,001                  |
|             | <b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC .....</b> | <b>246,541</b>         | <b>246,541</b>          |
|             | <b>OTHER PROCUREMENT, NAVY</b>                        |                        |                         |
|             | <b>OTHER SHIPBOARD EQUIPMENT</b>                      |                        |                         |
| 021         | UNDERWATER EOD PROGRAMS .....                         | 9,200                  | 9,200                   |
|             | <b>SMALL BOATS</b>                                    |                        |                         |
| 028         | STANDARD BOATS .....                                  | 19,060                 | 19,060                  |
|             | <b>ASW ELECTRONIC EQUIPMENT</b>                       |                        |                         |
| 043         | FIXED SURVEILLANCE SYSTEM .....                       | 56,950                 | 56,950                  |
|             | <b>SATELLITE COMMUNICATIONS</b>                       |                        |                         |
| 077         | SATELLITE COMMUNICATIONS SYSTEMS .....                | 3,200                  | 3,200                   |
|             | <b>CRYPTOLOGIC EQUIPMENT</b>                          |                        |                         |
| 082         | CRYPTOLOGIC COMMUNICATIONS EQUIP .....                | 2,000                  | 2,000                   |
|             | <b>SONOBUOYS</b>                                      |                        |                         |
| 088         | SONOBUOYS—ALL TYPES .....                             | 21,156                 | 21,156                  |
|             | <b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>               |                        |                         |
| 104         | EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....               | 33,580                 | 33,580                  |
|             | <b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>            |                        |                         |
| 108         | PASSENGER CARRYING VEHICLES .....                     | 170                    | 170                     |
| 109         | GENERAL PURPOSE TRUCKS .....                          | 400                    | 400                     |
| 111         | FIRE FIGHTING EQUIPMENT .....                         | 770                    | 770                     |
| 112         | TACTICAL VEHICLES .....                               | 7,298                  | 7,298                   |
|             | <b>SUPPLY SUPPORT EQUIPMENT</b>                       |                        |                         |
| 118         | FIRST DESTINATION TRANSPORTATION .....                | 500                    | 500                     |
|             | <b>COMMAND SUPPORT EQUIPMENT</b>                      |                        |                         |
| 123         | MEDICAL SUPPORT EQUIPMENT .....                       | 6,500                  | 6,500                   |
| 128         | ENVIRONMENTAL SUPPORT EQUIPMENT .....                 | 2,200                  | 2,200                   |
| 129         | PHYSICAL SECURITY EQUIPMENT .....                     | 19,389                 | 19,389                  |
|             | <b>CLASSIFIED PROGRAMS</b>                            |                        |                         |
| 133A        | CLASSIFIED PROGRAMS .....                             | 4,800                  | 4,800                   |
|             | <b>TOTAL OTHER PROCUREMENT, NAVY .....</b>            | <b>187,173</b>         | <b>187,173</b>          |
|             | <b>PROCUREMENT, MARINE CORPS</b>                      |                        |                         |
|             | <b>INTELL/COMM EQUIPMENT (NON-TEL)</b>                |                        |                         |
| 022         | FIRE SUPPORT SYSTEM .....                             | 5,583                  | 5,583                   |
|             | <b>TACTICAL VEHICLES</b>                              |                        |                         |
| 037         | MOTOR TRANSPORT MODIFICATIONS .....                   | 44,440                 | 44,440                  |
|             | <b>ENGINEER AND OTHER EQUIPMENT</b>                   |                        |                         |
| 045         | EOD SYSTEMS .....                                     | 8,000                  | 8,000                   |
|             | <b>TOTAL PROCUREMENT, MARINE CORPS .....</b>          | <b>58,023</b>          | <b>58,023</b>           |

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|---|---|----------------------------|-----------------------------|
| <b>AIRCRAFT PROCUREMENT, AIR FORCE</b>      |   |                            |                             |
| <b>OTHER AIRLIFT</b>                        |   |                            |                             |
| 007   | HC-130J .....   | 100,000                    | 100,000                     |
| <b>OTHER AIRCRAFT</b>                       |   |                            |                             |
| 018   | MQ-9 .....  | 339,740                    | 147,040                     |
|   | Excess attrition aircraft .....                         |                            | [-192,700]                  |
| 019   | RQ-20B PUMA .....                                       | 13,500                     | 13,500                      |
| <b>STRATEGIC AIRCRAFT</b>                   |   |                            |                             |
| 021   | B-1B .....  | 4,000                      | 4,000                       |
| 023   | LARGE AIRCRAFT INFRARED COUNTERMEASURES .....           | 149,778                    | 149,778                     |
| <b>TACTICAL AIRCRAFT</b>                    |   |                            |                             |
| 024   | A-10 .....  | 10,350                     | 10,350                      |
| <b>OTHER AIRCRAFT</b>                       |   |                            |                             |
| 047   | U-2 MODS .....  | 7,900                      | 7,900                       |
| 056   | COMPASS CALL MODS .....                                 | 36,400                     | 36,400                      |
| 061   | E-8 .....   | 13,000                     | 13,000                      |
| 065   | H-60 .....  | 40,560                     | 40,560                      |
| 067   | HC/MC-130 MODIFICATIONS .....                           | 87,900                     | 87,900                      |
| 068   | OTHER AIRCRAFT .....                                    | 53,731                     | 53,731                      |
| 070   | MQ-9 UAS PAYLOADS .....                                 | 16,000                     | 16,000                      |
| <b>AIRCRAFT SPARES AND REPAIR PARTS</b>     |   |                            |                             |
| 072   | INITIAL SPARES/REPAIR PARTS .....                       | 91,500                     | 91,500                      |
| <b>COMMON SUPPORT EQUIPMENT</b>             |   |                            |                             |
| 073   | AIRCRAFT REPLACEMENT SUPPORT EQUIP .....                | 32,529                     | 32,529                      |
| 074   | OTHER PRODUCTION CHARGES .....                          | 22,000                     | 22,000                      |
|   | <b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE .....</b>      | <b>1,018,888</b>           | <b>826,188</b>              |
| <b>MISSILE PROCUREMENT, AIR FORCE</b>       |   |                            |                             |
| <b>TACTICAL</b>                             |   |                            |                             |
| 002   | JOINT AIR-SURFACE STANDOFF MISSILE .....                | 61,600                     | 61,600                      |
| 005   | AMRAAM .....  | 2,600                      | 2,600                       |
| 006   | PREDATOR HELLFIRE MISSILE .....                         | 255,000                    | 255,000                     |
| 007   | SMALL DIAMETER BOMB .....                               | 140,724                    | 140,724                     |
| <b>CLASS IV</b>                             |   |                            |                             |
| 013   | AGM-65D MAVERICK .....                                  | 33,602                     | 33,602                      |
|   | <b>TOTAL MISSILE PROCUREMENT, AIR FORCE .....</b>       | <b>493,526</b>             | <b>493,526</b>              |
| <b>PROCUREMENT OF AMMUNITION, AIR FORCE</b> |   |                            |                             |
| <b>CARTRIDGES</b>                           |   |                            |                             |
| 002   | CARTRIDGES .....  | 29,587                     | 29,587                      |
| <b>BOMBS</b>                                |   |                            |                             |
| 004   | GENERAL PURPOSE BOMBS .....                             | 551,862                    | 551,862                     |
| 006   | JOINT DIRECT ATTACK MUNITION .....                      | 738,451                    | 738,451                     |
| <b>FLARES</b>                               |   |                            |                             |
| 015   | FLARES .....  | 12,116                     | 12,116                      |
| <b>FUZES</b>                                |   |                            |                             |
| 016   | FUZES .....   | 81,000                     | 81,000                      |
| <b>SMALL ARMS</b>                           |   |                            |                             |
| 017   | SMALL ARMS .....  | 8,500                      | 8,500                       |
|   | <b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b> | <b>1,421,516</b>           | <b>1,421,516</b>            |
| <b>OTHER PROCUREMENT, AIR FORCE</b>         |   |                            |                             |
| <b>PASSENGER CARRYING VEHICLES</b>          |   |                            |                             |
| 001   | PASSENGER CARRYING VEHICLES .....                       | 9,680                      | 9,680                       |
| <b>CARGO AND UTILITY VEHICLES</b>           |   |                            |                             |
| 002   | MEDIUM TACTICAL VEHICLE .....                           | 9,680                      | 9,680                       |
| 004   | CARGO AND UTILITY VEHICLES .....                        | 19,680                     | 19,680                      |
| <b>SPECIAL PURPOSE VEHICLES</b>             |   |                            |                             |
| 006   | SECURITY AND TACTICAL VEHICLES .....                    | 24,880                     | 24,880                      |
| 007   | SPECIAL PURPOSE VEHICLES .....                          | 34,680                     | 34,680                      |
| <b>FIRE FIGHTING EQUIPMENT</b>              |   |                            |                             |
| 008   | FIRE FIGHTING/CRASH RESCUE VEHICLES .....               | 9,736                      | 9,736                       |
| <b>MATERIALS HANDLING EQUIPMENT</b>         |   |                            |                             |
| 009   | MATERIALS HANDLING VEHICLES .....                       | 24,680                     | 24,680                      |
| <b>BASE MAINTENANCE SUPPORT</b>             |   |                            |                             |
| 010   | RUNWAY SNOW REMOV AND CLEANING EQU .....                | 9,680                      | 9,680                       |
| 011   | BASE MAINTENANCE SUPPORT VEHICLES .....                 | 9,680                      | 9,680                       |
| <b>INTELLIGENCE PROGRAMS</b>                |   |                            |                             |
| 015   | INTELLIGENCE COMM EQUIPMENT .....                       | 6,156                      | 6,156                       |
| <b>ELECTRONICS PROGRAMS</b>                 |   |                            |                             |
| 016   | AIR TRAFFIC CONTROL & LANDING SYS .....                 | 56,884                     | 56,884                      |
| <b>SPCL COMM-ELECTRONICS PROJECTS</b>       |   |                            |                             |
| 029   | AIR FORCE PHYSICAL SECURITY SYSTEM .....                | 46,236                     | 46,236                      |
| 037   | THEATER BATTLE MGT C2 SYSTEM .....                      | 2,500                      | 2,500                       |
| <b>ORGANIZATION AND BASE</b>                |   |                            |                             |
| 045   | TACTICAL C-E EQUIPMENT .....                            | 27,911                     | 27,911                      |
| <b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>   |   |                            |                             |
| 051   | PERSONAL SAFETY AND RESCUE EQUIPMENT .....              | 13,600                     | 13,600                      |

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Line</b>   | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|---|---|------------------------|-------------------------|
| <b>BASE SUPPORT EQUIPMENT</b>                           |   |                        |                         |
| 053   | BASE PROCURED EQUIPMENT .....                           | 28,800                 | 28,800                  |
| 054   | ENGINEERING AND EOD EQUIPMENT .....                     | 53,500                 | 53,500                  |
| 055   | MOBILITY EQUIPMENT .....                                | 78,562                 | 78,562                  |
| 056   | BASE MAINTENANCE AND SUPPORT EQUIPMENT .....            | 28,055                 | 28,055                  |
| <b>SPECIAL SUPPORT PROJECTS</b>                         |   |                        |                         |
| 059   | DCGS-AF .....   | 2,000                  | 2,000                   |
| <b>CLASSIFIED PROGRAMS</b>                              |   |                        |                         |
| 062   | CLASSIFIED PROGRAMS .....                               | 3,229,364              | 3,229,364               |
|   | <b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....         | <b>3,725,944</b>       | <b>3,725,944</b>        |
| <b>PROCUREMENT, DEFENSE-WIDE</b>                        |   |                        |                         |
| <b>MAJOR EQUIPMENT, DISA</b>                            |   |                        |                         |
| 008   | TELEPORT PROGRAM .....                                  | 3,800                  | 3,800                   |
| 017   | DEFENSE INFORMATION SYSTEMS NETWORK .....               | 12,000                 | 12,000                  |
| <b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b> |   |                        |                         |
| 025   | COUNTER IED & IMPROVISED THREAT TECHNOLOGIES .....      | 5,534                  | 5,534                   |
| <b>CLASSIFIED PROGRAMS</b>                              |   |                        |                         |
| 046A  | CLASSIFIED PROGRAMS .....                               | 41,559                 | 41,559                  |
| <b>AVIATION PROGRAMS</b>                                |   |                        |                         |
| 047   | MANNED ISR .....  | 5,000                  | 5,000                   |
| 048   | MC-12 .....   | 5,000                  | 5,000                   |
| 049   | MH-60 BLACKHAWK .....                                   | 27,600                 | 27,600                  |
| 051   | UNMANNED ISR .....                                      | 17,000                 | 17,000                  |
| 052   | NON-STANDARD AVIATION .....                             | 13,000                 | 13,000                  |
| 053   | U-28 .....  | 51,722                 | 51,722                  |
| 054   | MH-47 CHINOOK .....                                     | 36,500                 | 36,500                  |
| <b>AMMUNITION PROGRAMS</b>                              |   |                        |                         |
| 061   | ORDNANCE ITEMS <\$5M .....                              | 100,850                | 100,850                 |
| <b>OTHER PROCUREMENT PROGRAMS</b>                       |   |                        |                         |
| 062   | INTELLIGENCE SYSTEMS .....                              | 16,500                 | 16,500                  |
| 064   | OTHER ITEMS <\$5M .....                                 | 7,700                  | 7,700                   |
| 067   | TACTICAL VEHICLES .....                                 | 59,891                 | 59,891                  |
| 068   | WARRIOR SYSTEMS <\$5M .....                             | 21,135                 | 21,135                  |
| 069   | COMBAT MISSION REQUIREMENTS .....                       | 10,000                 | 10,000                  |
| 071   | OPERATIONAL ENHANCEMENTS INTELLIGENCE .....             | 10,805                 | 10,805                  |
| 073   | OPERATIONAL ENHANCEMENTS .....                          | 126,539                | 126,539                 |
|   | <b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....            | <b>572,135</b>         | <b>572,135</b>          |
| <b>NATIONAL GUARD AND RESERVE EQUIPMENT</b>             |   |                        |                         |
| <b>UNDISTRIBUTED</b>                                    |   |                        |                         |
| 007   | UNDISTRIBUTED .....                                     |                        | 150,000                 |
|   | Program increase .....                                  |                        | [150,000]               |
|   | <b>TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT</b> ..... |                        | <b>150,000</b>          |
|   | <b>TOTAL PROCUREMENT</b> .....                          | <b>12,782,468</b>      | <b>10,458,253</b>       |

1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 2 **TION**  
 3 **TION**  
 4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 5 **TION.**

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b>   | <b>Program Element</b> | <b>Item</b>                                    | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|---|------------------------|--|------------------------|-------------------------|
| <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b> |                        |  |                        |                         |
| <b>BASIC RESEARCH</b>                               |                        |  |                        |                         |
| 001   | 0601101A               | IN-HOUSE LABORATORY INDEPENDENT RESEARCH ..... | 11,585                 | 11,585                  |
| 002   | 0601102A               | DEFENSE RESEARCH SCIENCES .....                | 276,912                | 276,912                 |
| 003   | 0601103A               | UNIVERSITY RESEARCH INITIATIVES .....          | 65,283                 | 65,283                  |
| 004   | 0601104A               | UNIVERSITY AND INDUSTRY RESEARCH CENTERS ..... | 92,115                 | 92,115                  |
|   |                        | <b>SUBTOTAL BASIC RESEARCH</b> .....           | <b>445,895</b>         | <b>445,895</b>          |
| <b>APPLIED RESEARCH</b>                             |                        |  |                        |                         |



**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Program Element</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|------------------------|--|------------------------|-------------------------|
| 005         | 0602105A               | MATERIALS TECHNOLOGY .....   | 28,600                 | 29,600                  |
|             |                        | Conformal batteries and composite armor .....  |                        | [1,000]                 |
| 006         | 0602120A               | SENSORS AND ELECTRONIC SURVIVABILITY .....   | 32,366                 | 36,366                  |
|             |                        | Expand Army Research lab Open Campus project .....   |                        | [4,000]                 |
| 007         | 0602122A               | TRACTOR HIP .....  | 8,674                  | 8,674                   |
| 008         | 0602126A               | TRACTOR JACK .....   | 400                    | 400                     |
| 009         | 0602211A               | AVIATION TECHNOLOGY .....  | 64,847                 | 64,847                  |
| 010         | 0602270A               | ELECTRONIC WARFARE TECHNOLOGY .....  | 25,571                 | 25,571                  |
| 011         | 0602303A               | MISSILE TECHNOLOGY .....   | 50,183                 | 50,183                  |
| 012         | 0602307A               | ADVANCED WEAPONS TECHNOLOGY .....  | 29,502                 | 29,502                  |
| 013         | 0602308A               | ADVANCED CONCEPTS AND SIMULATION .....   | 28,500                 | 28,500                  |
| 014         | 0602601A               | COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY .....   | 70,450                 | 70,450                  |
| 015         | 0602618A               | BALLISTICS TECHNOLOGY .....  | 75,541                 | 75,541                  |
| 016         | 0602622A               | CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY .....                                       | 5,032                  | 5,032                   |
| 017         | 0602623A               | JOINT SERVICE SMALL ARMS PROGRAM .....   | 12,394                 | 12,394                  |
| 018         | 0602624A               | WEAPONS AND MUNITIONS TECHNOLOGY .....   | 40,444                 | 50,444                  |
|             |                        | Accelerate Army railgun development and prototyping .....                                      |                        | [10,000]                |
| 019         | 0602705A               | ELECTRONICS AND ELECTRONIC DEVICES .....   | 58,283                 | 58,283                  |
| 020         | 0602709A               | NIGHT VISION TECHNOLOGY .....  | 29,582                 | 29,582                  |
| 021         | 0602712A               | COUNTERMINE SYSTEMS .....  | 21,244                 | 21,244                  |
| 022         | 0602716A               | HUMAN FACTORS ENGINEERING TECHNOLOGY .....   | 24,131                 | 24,131                  |
| 023         | 0602720A               | ENVIRONMENTAL QUALITY TECHNOLOGY .....   | 13,242                 | 13,242                  |
| 024         | 0602782A               | COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY .....  | 55,003                 | 55,003                  |
| 025         | 0602783A               | COMPUTER AND SOFTWARE TECHNOLOGY .....   | 14,958                 | 14,958                  |
| 026         | 0602784A               | MILITARY ENGINEERING TECHNOLOGY .....  | 78,159                 | 78,159                  |
| 027         | 0602785A               | MANPOWER/PERSONNEL/TRAINING TECHNOLOGY .....   | 21,862                 | 21,862                  |
| 028         | 0602786A               | WARFIGHTER TECHNOLOGY .....  | 40,566                 | 45,566                  |
|             |                        | Program increase .....   |                        | [5,000]                 |
| 029         | 0602787A               | MEDICAL TECHNOLOGY .....   | 90,075                 | 90,075                  |
|             |                        | <b>SUBTOTAL APPLIED RESEARCH .....</b>   | <b>919,609</b>         | <b>939,609</b>          |
|             |                        | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>   |                        |                         |
| 030         | 0603001A               | WARFIGHTER ADVANCED TECHNOLOGY .....   | 39,338                 | 39,338                  |
| 031         | 0603002A               | MEDICAL ADVANCED TECHNOLOGY .....  | 62,496                 | 62,496                  |
| 032         | 0603003A               | AVIATION ADVANCED TECHNOLOGY .....   | 124,958                | 124,958                 |
| 033         | 0603004A               | WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY .....  | 102,686                | 102,686                 |
| 034         | 0603005A               | COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY .....  | 119,739                | 119,739                 |
| 035         | 0603006A               | SPACE APPLICATION ADVANCED TECHNOLOGY .....  | 13,000                 | 13,000                  |
| 036         | 0603007A               | MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY .....                                     | 8,044                  | 8,044                   |
| 037         | 0603009A               | TRACTOR HIKE .....   | 22,631                 | 22,631                  |
| 038         | 0603015A               | NEXT GENERATION TRAINING & SIMULATION SYSTEMS .....  | 25,682                 | 25,682                  |
| 040         | 0603125A               | COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT .....   | 3,762                  | 3,762                   |
| 041         | 0603130A               | TRACTOR NAIL .....   | 4,896                  | 4,896                   |
| 042         | 0603131A               | TRACTOR EGGS .....   | 6,041                  | 6,041                   |
| 043         | 0603270A               | ELECTRONIC WARFARE TECHNOLOGY .....  | 31,491                 | 31,491                  |
| 044         | 0603313A               | MISSILE AND ROCKET ADVANCED TECHNOLOGY .....   | 61,132                 | 71,132                  |
|             |                        | Shoot-on-the-Move Technology Development for SHORAD platforms ...                              |                        | [10,000]                |
| 045         | 0603322A               | TRACTOR CAGE .....   | 16,845                 | 16,845                  |
| 046         | 0603461A               | HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM .....   | 183,322                | 188,322                 |
|             |                        | Enhance and accelerate Army artificial intelligence and machine learning.                      |                        | [5,000]                 |
| 047         | 0603606A               | LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY .....   | 11,104                 | 11,104                  |
| 048         | 0603607A               | JOINT SERVICE SMALL ARMS PROGRAM .....   | 5,885                  | 5,885                   |
| 049         | 0603710A               | NIGHT VISION ADVANCED TECHNOLOGY .....   | 61,376                 | 58,876                  |
|             |                        | Program decrease .....   |                        | [-2,500]                |
| 050         | 0603728A               | ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS .....  | 9,136                  | 9,136                   |
| 051         | 0603734A               | MILITARY ENGINEERING ADVANCED TECHNOLOGY .....   | 25,864                 | 25,864                  |
| 052         | 0603772A               | ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY .....                                 | 34,883                 | 39,883                  |
|             |                        | Program increase .....   |                        | [5,000]                 |
| 053         | 0603794A               | C3 ADVANCED TECHNOLOGY .....   | 52,387                 | 49,887                  |
|             |                        | Program decrease .....   |                        | [-2,500]                |
|             |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT .....</b>  | <b>1,026,698</b>       | <b>1,041,698</b>        |
|             |                        | <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>   |                        |                         |
| 054         | 0603305A               | ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....   | 10,777                 | 10,777                  |
| 056         | 0603327A               | AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....  | 42,802                 | 43,802                  |
|             |                        | Redignment of EDI APS Unit Set from OCO to Base .....  |                        | [1,000]                 |
| 057         | 0603619A               | LANDMINE WARFARE AND BARRIER—ADV DEV .....   | 45,254                 | 45,254                  |
| 058         | 0603627A               | SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV .....  | 22,700                 | 22,700                  |
| 059         | 0603639A               | TANK AND MEDIUM CALIBER AMMUNITION .....   | 41,974                 | 55,974                  |
|             |                        | Army UFR: test and evaluation of the M999 155mm Anti-Personnel Improved Conventional Munition. |                        | [14,000]                |
| 060         | 0603645A               | ARMORED SYSTEM MODERNIZATION—ADV DEV .....   | 119,395                | 119,395                 |
| 061         | 0603747A               | SOLDIER SUPPORT AND SURVIVABILITY .....  | 8,746                  | 8,746                   |
| 062         | 0603766A               | TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV .....  | 35,667                 | 35,667                  |

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Program Element</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|------------------------|--|------------------------|-------------------------|
| 063         | 0603774A               | NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....                        | 7,350                  | 7,350                   |
| 064         | 0603779A               | ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL .....                         | 14,749                 | 14,749                  |
| 065         | 0603790A               | NATO RESEARCH AND DEVELOPMENT .....                                    | 3,687                  | 3,687                   |
| 066         | 0603801A               | AVIATION—ADV DEV .....   | 10,793                 | 10,793                  |
| 067         | 0603804A               | LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....                         | 14,248                 | 14,248                  |
| 068         | 0603807A               | MEDICAL SYSTEMS—ADV DEV .....  | 34,284                 | 34,284                  |
| 069         | 0603827A               | SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....                             | 18,044                 | 28,044                  |
|             |                        | Advanced materials research for personal protective equipment (PPE)    |                        | [10,000]                |
| 070         | 0604017A               | ROBOTICS DEVELOPMENT .....   | 95,660                 | 95,660                  |
| 071         | 0604020A               | CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING.        | 38,000                 | 68,000                  |
|             |                        | Iron Dome short range air defense experimentation .....                |                        | [30,000]                |
| 072         | 0604100A               | ANALYSIS OF ALTERNATIVES .....   | 9,765                  | 9,765                   |
| 073         | 0604113A               | FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS) .....                 | 12,393                 | 12,393                  |
| 074         | 0604114A               | LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....                    | 120,374                | 120,374                 |
| 075         | 0604115A               | TECHNOLOGY MATURATION INITIATIVES .....                                | 95,347                 | 95,347                  |
| 076         | 0604117A               | MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....                      | 95,085                 | 118,085                 |
|             |                        | Realignment of EDI APS Unit Set from OCO to Base .....                 |                        | [23,000]                |
| 077         | 0604118A               | TRACTOR BEAM .....   | 52,894                 | 52,894                  |
| 079         | 0604121A               | SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.               | 77,939                 | 77,939                  |
| 080         | 0604319A               | INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC2).     | 51,030                 | 51,030                  |
| 081         | 0305251A               | CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .....                   | 65,817                 | 65,817                  |
| 082         | 1206120A               | ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) .....                 | 146,300                | 146,300                 |
| 083         | 1206308A               | ARMY SPACE SYSTEMS INTEGRATION .....                                   | 38,319                 | 38,319                  |
|             |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>        | <b>1,329,393</b>       | <b>1,407,393</b>        |
|             |                        | <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>                          |                        |                         |
| 084         | 0604201A               | AIRCRAFT AVIONICS .....  | 32,293                 | 32,293                  |
| 085         | 0604270A               | ELECTRONIC WARFARE DEVELOPMENT .....                                   | 78,699                 | 78,699                  |
| 088         | 0604328A               | TRACTOR CAGE .....   | 17,050                 | 17,050                  |
| 089         | 0604601A               | INFANTRY SUPPORT WEAPONS .....   | 83,155                 | 83,155                  |
| 090         | 0604604A               | MEDIUM TACTICAL VEHICLES .....   | 3,704                  | 3,704                   |
| 091         | 0604611A               | JAVELIN .....  | 10,623                 | 10,623                  |
| 092         | 0604622A               | FAMILY OF HEAVY TACTICAL VEHICLES .....                                | 11,950                 | 11,950                  |
| 093         | 0604633A               | AIR TRAFFIC CONTROL .....  | 12,347                 | 12,347                  |
| 095         | 0604642A               | LIGHT TACTICAL WHEELED VEHICLES .....                                  | 8,212                  | 8,212                   |
| 096         | 0604645A               | ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....                      | 393,613                | 393,613                 |
| 097         | 0604770A               | NIGHT VISION SYSTEMS—ENG DEV .....                                     | 139,614                | 139,614                 |
| 098         | 0604713A               | COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....                          | 4,507                  | 4,507                   |
| 099         | 0604715A               | NON-SYSTEM TRAINING DEVICES—ENG DEV .....                              | 49,436                 | 49,436                  |
| 100         | 0604741A               | AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.                 | 95,172                 | 95,172                  |
| 101         | 0604742A               | CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....                      | 22,628                 | 22,628                  |
| 102         | 0604746A               | AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....                             | 13,297                 | 13,297                  |
| 103         | 0604760A               | DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV .....               | 9,145                  | 9,145                   |
| 104         | 0604768A               | BRILLIANT ANTI-ARMOR SUBUNITION (BAT) .....                            | 9,894                  | 9,894                   |
| 105         | 0604780A               | COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....                       | 21,964                 | 21,964                  |
| 106         | 0604798A               | BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....                     | 49,288                 | 49,288                  |
| 107         | 0604802A               | WEAPONS AND MUNITIONS—ENG DEV .....                                    | 183,100                | 183,100                 |
| 108         | 0604804A               | LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....                         | 79,706                 | 75,906                  |
|             |                        | Late MSV-L contract award and concurrency .....                        |                        | [-3,800]                |
| 109         | 0604805A               | COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV ...                   | 15,970                 | 15,970                  |
| 110         | 0604807A               | MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.         | 44,542                 | 44,542                  |
| 111         | 0604808A               | LANDMINE WARFARE/BARRIER—ENG DEV .....                                 | 50,817                 | 50,817                  |
| 112         | 0604818A               | ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.                   | 178,693                | 178,693                 |
| 113         | 0604820A               | RADAR DEVELOPMENT .....  | 39,338                 | 39,338                  |
| 114         | 0604822A               | GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS) .....                  | 37,851                 | 37,851                  |
| 115         | 0604823A               | FIREFINDER .....   | 45,473                 | 45,473                  |
| 116         | 0604827A               | SOLDIER SYSTEMS—WARRIOR DEM/VAL .....                                  | 10,395                 | 10,395                  |
| 117         | 0604852A               | SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD .....                   | 69,204                 | 55,804                  |
|             |                        | Program reduction .....  |                        | [-13,400]               |
| 118         | 0604854A               | ARTILLERY SYSTEMS—EMD .....  | 1,781                  | 1,781                   |
| 119         | 0605013A               | INFORMATION TECHNOLOGY DEVELOPMENT .....                               | 113,758                | 113,758                 |
| 120         | 0605018A               | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) .....                | 166,603                | 166,603                 |
| 121         | 0605028A               | ARMORED MULTI-PURPOSE VEHICLE (AMPV) .....                             | 118,239                | 118,239                 |
| 122         | 0605029A               | INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C). | 3,211                  | 3,211                   |
| 123         | 0605030A               | JOINT TACTICAL NETWORK CENTER (JTNC) .....                             | 15,889                 | 15,889                  |
| 124         | 0605031A               | JOINT TACTICAL NETWORK (JTN) .....                                     | 41,972                 | 41,972                  |
| 125         | 0605032A               | TRACTOR TIRE .....   | 41,166                 | 41,166                  |
| 126         | 0605033A               | GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EX-PEDITIONARY (GBOSS-E). | 5,175                  | 5,175                   |
| 127         | 0605034A               | TACTICAL SECURITY SYSTEM (TSS) .....                                   | 4,496                  | 4,496                   |

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|-------------|------------------------|--|------------------------|-------------------------|
| 128         | 0605035A               | COMMON INFRARED COUNTERMEASURES (CIRCUM) .....   | 51,178                 | 51,178                  |
| 129         | 0605036A               | COMBATING WEAPONS OF MASS DESTRUCTION (CWMD) .....                                     | 11,311                 | 11,311                  |
| 131         | 0605038A               | NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE .....          | 17,154                 | 17,154                  |
| 132         | 0605041A               | DEFENSIVE CYBER TOOL DEVELOPMENT .....   | 36,626                 | 36,626                  |
| 133         | 0605042A               | TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) .....  | 3,829                  | 3,829                   |
| 134         | 0605047A               | CONTRACT WRITING SYSTEM .....  | 41,928                 | 41,928                  |
| 135         | 0605049A               | MISSILE WARNING SYSTEM MODERNIZATION (MWSM) .....                                      | 28,276                 | 28,276                  |
| 136         | 0605051A               | AIRCRAFT SURVIVABILITY DEVELOPMENT .....   | 21,965                 | 21,965                  |
| 137         | 0605052A               | INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1 .....                                | 157,710                | 157,710                 |
| 138         | 0605053A               | GROUND ROBOTICS .....  | 86,167                 | 86,167                  |
| 139         | 0605054A               | EMERGING TECHNOLOGY INITIATIVES .....  | 42,866                 | 68,266                  |
|             |                        | Army UFR: program increase .....   |                        | [25,400]                |
| 140         | 0605380A               | AMF JOINT TACTICAL RADIO SYSTEM (JTRS) .....   | 15,984                 | 15,984                  |
| 141         | 0605450A               | JOINT AIR-TO-GROUND MISSILE (JAGM) .....   | 11,773                 | 11,773                  |
| 142         | 0605457A               | ARMY INTEGRATED AIR AND MISSILE DEFENSE (ALAMD) .....                                  | 277,607                | 277,607                 |
| 143         | 0605766A               | NATIONAL CAPABILITIES INTEGRATION (MIP) .....  | 12,340                 | 12,340                  |
| 144         | 0605812A               | JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH. .... | 2,686                  | 2,686                   |
| 145         | 0605830A               | AVIATION GROUND SUPPORT EQUIPMENT .....  | 2,706                  | 2,706                   |
| 147         | 0303032A               | TROJAN—RH12 .....  | 4,521                  | 4,521                   |
| 150         | 0304270A               | ELECTRONIC WARFARE DEVELOPMENT .....   | 8,922                  | 8,922                   |
| 151         | 1205117A               | TRACTOR BEARS .....  | 23,170                 | 23,170                  |
|             |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b> .....                           | <b>3,192,689</b>       | <b>3,200,889</b>        |
|             |                        | <b>RDT&amp;E MANAGEMENT SUPPORT</b>  |                        |                         |
| 152         | 0604256A               | THREAT SIMULATOR DEVELOPMENT .....   | 12,835                 | 12,835                  |
| 153         | 0604258A               | TARGET SYSTEMS DEVELOPMENT .....   | 12,135                 | 12,135                  |
| 154         | 0604759A               | MAJOR T&E INVESTMENT .....   | 82,996                 | 82,996                  |
| 155         | 0605103A               | RAND ARROYO CENTER .....   | 19,821                 | 19,821                  |
| 156         | 0605301A               | ARMY KWAJALEIN ATOLL .....   | 246,574                | 246,574                 |
| 157         | 0605326A               | CONCEPTS EXPERIMENTATION PROGRAM .....   | 30,430                 | 30,430                  |
| 159         | 0605601A               | ARMY TEST RANGES AND FACILITIES .....  | 305,759                | 305,759                 |
| 160         | 0605602A               | ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS .....                                  | 62,379                 | 62,379                  |
| 161         | 0605604A               | SURVIVABILITY/LETHALITY ANALYSIS .....   | 40,496                 | 40,496                  |
| 162         | 0605606A               | AIRCRAFT CERTIFICATION .....   | 3,941                  | 3,941                   |
| 163         | 0605702A               | METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES .....                                       | 9,767                  | 9,767                   |
| 164         | 0605706A               | MATERIEL SYSTEMS ANALYSIS .....  | 21,226                 | 21,226                  |
| 165         | 0605709A               | EXPLOITATION OF FOREIGN ITEMS .....  | 13,026                 | 13,026                  |
| 166         | 0605712A               | SUPPORT OF OPERATIONAL TESTING .....   | 52,718                 | 52,718                  |
| 167         | 0605716A               | ARMY EVALUATION CENTER .....   | 57,049                 | 57,049                  |
| 168         | 0605718A               | ARMY MODELING & SIM X-CMD COLLABORATION & INTEG .....                                  | 2,801                  | 2,801                   |
| 169         | 0605801A               | PROGRAMWIDE ACTIVITIES .....   | 60,942                 | 60,942                  |
| 170         | 0605803A               | TECHNICAL INFORMATION ACTIVITIES .....   | 29,050                 | 29,050                  |
| 171         | 0605805A               | MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY .....                              | 42,332                 | 42,332                  |
| 172         | 0605857A               | ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT .....                                    | 3,216                  | 3,216                   |
| 173         | 0605898A               | ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA .....  | 54,145                 | 54,145                  |
| 174         | 0606001A               | MILITARY GROUND-BASED CREW TECHNOLOGY .....  | 4,896                  | 4,896                   |
| 175         | 0606002A               | RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE .....                                | 63,011                 | 63,011                  |
| 176         | 0606003A               | COUNTERINTEL AND HUMAN INTEL MODERNIZATION .....                                       | 2,636                  | 2,636                   |
| 177         | 0606942A               | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES .....                                | 88,300                 | 88,300                  |
|             |                        | <b>SUBTOTAL RDT&amp;E MANAGEMENT SUPPORT</b> .....                                     | <b>1,322,481</b>       | <b>1,322,481</b>        |
|             |                        | <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>   |                        |                         |
| 181         | 0603778A               | MLRS PRODUCT IMPROVEMENT PROGRAM .....   | 8,886                  | 8,886                   |
| 182         | 0603813A               | TRACTOR PULL .....   | 4,067                  | 4,067                   |
| 183         | 0605024A               | ANTI-TAMPER TECHNOLOGY SUPPORT .....   | 4,254                  | 4,254                   |
| 184         | 0607131A               | WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS .....                               | 16,022                 | 16,022                  |
| 185         | 0607133A               | TRACTOR SMOKE .....  | 4,577                  | 4,577                   |
| 186         | 0607134A               | LONG RANGE PRECISION FIRES (LRPP) .....  | 186,475                | 186,475                 |
| 187         | 0607135A               | APACHE PRODUCT IMPROVEMENT PROGRAM .....   | 31,049                 | 31,049                  |
| 188         | 0607136A               | BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....  | 35,240                 | 35,240                  |
| 189         | 0607137A               | CHINOOK PRODUCT IMPROVEMENT PROGRAM .....  | 157,822                | 157,822                 |
| 190         | 0607138A               | FIXED WING PRODUCT IMPROVEMENT PROGRAM .....   | 4,189                  | 4,189                   |
| 191         | 0607139A               | IMPROVED TURBINE ENGINE PROGRAM .....  | 192,637                | 192,637                 |
| 194         | 0607142A               | AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT .....                       | 60,860                 | 60,860                  |
| 195         | 0607143A               | UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....                                      | 52,019                 | 52,019                  |
| 196         | 0607665A               | FAMILY OF BIOMETRICS .....   | 2,400                  | 2,400                   |
| 197         | 0607865A               | PATRIOT PRODUCT IMPROVEMENT .....  | 65,369                 | 90,369                  |
|             |                        | Increase PATRIOT improvement efforts .....   |                        | [25,000]                |
| 198         | 0202429A               | AEROSTAT JOINT PROJECT—COCOM EXERCISE .....  | 1                      | 1                       |
| 199         | 0203728A               | JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs) .....                      | 30,954                 | 30,954                  |
| 200         | 0203735A               | COMBAT VEHICLE IMPROVEMENT PROGRAMS .....  | 411,927                | 411,927                 |
| 202         | 0203743A               | 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....                                       | 40,676                 | 40,676                  |

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|-------------|------------------------|--|------------------------|-------------------------|
| 203         | 0203744A               | AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.                                       | 17,706                 | 17,706                  |
| 204         | 0203752A               | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....  | 146                    | 146                     |
| 205         | 0203758A               | DIGITIZATION .....   | 6,316                  | 6,316                   |
| 206         | 0203801A               | MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....                                      | 1,643                  | 3,643                   |
|             |                        | <i>Redignment of EDI APS Unit Set from OCO to Base .....</i>                               |                        | [2,000]                 |
| 207         | 0203802A               | OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....   | 4,947                  | 4,947                   |
| 208         | 0203808A               | TRACTOR CARD .....   | 34,050                 | 34,050                  |
| 210         | 0205410A               | MATERIALS HANDLING EQUIPMENT .....   | 1,464                  | 1,464                   |
| 211         | 0205412A               | ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.                                   | 249                    | 249                     |
| 212         | 0205456A               | LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....                                      | 79,283                 | 79,283                  |
| 213         | 0205778A               | GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....   | 154,102                | 154,102                 |
| 216         | 0303028A               | SECURITY AND INTELLIGENCE ACTIVITIES .....   | 12,280                 | 12,280                  |
| 217         | 0303140A               | INFORMATION SYSTEMS SECURITY PROGRAM .....   | 68,533                 | 68,533                  |
| 218         | 0303141A               | GLOBAL COMBAT SUPPORT SYSTEM .....   | 68,619                 | 68,619                  |
| 220         | 0303150A               | WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM .....   | 2,034                  | 2,034                   |
| 223         | 0305172A               | COMBINED ADVANCED APPLICATIONS .....   | 1,500                  | 1,500                   |
| 224         | 0305179A               | INTEGRATED BROADCAST SERVICE (IBS) .....   | 450                    | 450                     |
| 225         | 0305204A               | TACTICAL UNMANNED AERIAL VEHICLES .....  | 6,000                  | 6,000                   |
| 226         | 0305206A               | AIRBORNE RECONNAISSANCE SYSTEMS .....  | 12,416                 | 26,416                  |
|             |                        | <i>Redignment of EDI APS Unit Set from OCO to Base .....</i>                               |                        | [14,000]                |
| 227         | 0305208A               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....  | 38,667                 | 38,667                  |
| 229         | 0305232A               | RQ-11 UAV .....  | 6,180                  | 6,180                   |
| 230         | 0305233A               | RQ-7 UAV .....   | 12,863                 | 12,863                  |
| 231         | 0307665A               | BIOMETRICS ENABLED INTELLIGENCE .....  | 4,310                  | 4,310                   |
| 233         | 0708045A               | END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....  | 53,958                 | 53,958                  |
| 234         | 1203142A               | SATCOM GROUND ENVIRONMENT (SPACE) .....  | 12,119                 | 12,119                  |
| 235         | 1208053A               | JOINT TACTICAL GROUND SYSTEM .....   | 7,400                  | 7,400                   |
| 235A        | 999999999              | CLASSIFIED PROGRAMS .....  | 5,955                  | 5,955                   |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>   | <b>1,922,614</b>       | <b>1,963,614</b>        |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>                                 | <b>10,159,379</b>      | <b>10,321,579</b>       |
|             |                        | <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>  |                        |                         |
|             |                        | <b>BASIC RESEARCH</b>  |                        |                         |
| 001         | 0601103N               | UNIVERSITY RESEARCH INITIATIVES .....  | 119,433                | 129,433                 |
|             |                        | <i>Defense University Research Instrumentation Program .....</i>                           |                        | [10,000]                |
| 002         | 0601152N               | IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....   | 19,237                 | 19,237                  |
| 003         | 0601153N               | DEFENSE RESEARCH SCIENCES .....  | 458,708                | 458,708                 |
|             |                        | <b>SUBTOTAL BASIC RESEARCH .....</b>   | <b>597,378</b>         | <b>607,378</b>          |
|             |                        | <b>APPLIED RESEARCH</b>  |                        |                         |
| 004         | 0602114N               | POWER PROJECTION APPLIED RESEARCH .....  | 14,643                 | 14,643                  |
| 005         | 0602123N               | FORCE PROTECTION APPLIED RESEARCH .....  | 124,049                | 124,049                 |
| 006         | 0602131M               | MARINE CORPS LANDING FORCE TECHNOLOGY .....  | 59,607                 | 59,607                  |
| 007         | 0602235N               | COMMON PICTURE APPLIED RESEARCH .....  | 36,348                 | 41,348                  |
|             |                        | <i>Enhance and accelerate Navy artificial intelligence research .....</i>                  |                        | [5,000]                 |
| 008         | 0602236N               | WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....  | 56,197                 | 56,197                  |
| 009         | 0602271N               | ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....   | 83,800                 | 83,800                  |
| 010         | 0602435N               | OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH .....                                       | 42,998                 | 42,998                  |
| 011         | 0602651M               | JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....  | 6,349                  | 6,349                   |
| 012         | 0602747N               | UNDERSEA WARFARE APPLIED RESEARCH .....  | 58,049                 | 78,049                  |
|             |                        | <i>Academic partnerships for undersea unmanned warfare research and energy technology.</i> |                        | [20,000]                |
| 013         | 0602750N               | FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....   | 147,771                | 147,771                 |
| 014         | 0602782N               | MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH .....                                      | 37,545                 | 61,045                  |
|             |                        | <i>Program increase-one sensor plus integration .....</i>                                  |                        | [23,500]                |
| 015         | 0602792N               | INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH .....                                   | 159,697                | 169,697                 |
|             |                        | <i>Accelerate Navy railgun development and prototyping .....</i>                           |                        | [10,000]                |
| 016         | 0602861N               | SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.                                    | 64,418                 | 64,418                  |
|             |                        | <b>SUBTOTAL APPLIED RESEARCH .....</b>   | <b>891,471</b>         | <b>949,971</b>          |
|             |                        | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>   |                        |                         |
| 019         | 0603123N               | FORCE PROTECTION ADVANCED TECHNOLOGY .....   | 2,423                  | 2,423                   |
| 021         | 0603640M               | USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) .....   | 150,245                | 150,245                 |
| 022         | 0603651M               | JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT .....                                      | 13,313                 | 13,313                  |
| 023         | 0603671N               | NAVY ADVANCED TECHNOLOGY DEVELOPMENT (ATD) .....   | 131,502                | 131,502                 |
| 024         | 0603673N               | FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.                                 | 232,996                | 232,996                 |
| 025         | 0603680N               | MANUFACTURING TECHNOLOGY PROGRAM .....   | 58,657                 | 58,657                  |
| 030         | 0603801N               | INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.                         | 161,859                | 181,859                 |
|             |                        | <i>Accelerate Navy railgun development and prototyping .....</i>                           |                        | [20,000]                |
|             |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>  | <b>750,995</b>         | <b>770,995</b>          |

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|--|------------------------|---|------------------------|-------------------------|
| <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> |                        |   |                        |                         |
| 031  | 0603207N               | AIR/OCEAN TACTICAL APPLICATIONS .....   | 29,747                 | 29,747                  |
| 032  | 0603216N               | AVIATION SURVIVABILITY .....  | 7,050                  | 7,050                   |
| 033  | 0603251N               | AIRCRAFT SYSTEMS .....  | 793                    | 793                     |
| 034  | 0603254N               | ASW SYSTEMS DEVELOPMENT .....   | 7,058                  | 12,058                  |
|  |                        | <i>Prototyping fiber deployment sonobuoy systems .....</i>                        |                        | [5,000]                 |
| 035  | 0603261N               | TACTICAL AIRBORNE RECONNAISSANCE .....  | 3,540                  | 3,540                   |
| 036  | 0603382N               | ADVANCED COMBAT SYSTEMS TECHNOLOGY .....  | 59,741                 | 59,741                  |
| 037  | 0603502N               | SURFACE AND SHALLOW WATER MINE COUNTERMEASURES .....                              | 62,727                 | 62,727                  |
| 038  | 0603506N               | SURFACE SHIP TORPEDO DEFENSE .....  | 8,570                  | 18,570                  |
|  |                        | <i>Program increase .....</i>   |                        | [10,000]                |
| 039  | 0603512N               | CARRIER SYSTEMS DEVELOPMENT .....   | 5,440                  | 5,440                   |
| 040  | 0603525N               | PILOT FISH .....  | 162,222                | 162,222                 |
| 041  | 0603527N               | RETRACT LARCH .....   | 11,745                 | 11,745                  |
| 042  | 0603536N               | RETRACT JUNIPER .....   | 114,265                | 114,265                 |
| 043  | 0603542N               | RADIOLOGICAL CONTROL .....  | 740                    | 740                     |
| 044  | 0603553N               | SURFACE ASW .....   | 1,122                  | 1,122                   |
| 045  | 0603561N               | ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....                                       | 109,086                | 89,086                  |
|  |                        | <i>Excessive cost growth .....</i>  |                        | [-7,000]                |
|  |                        | <i>Prior year inefficiencies impact .....</i>                                     |                        | [-13,000]               |
| 046  | 0603562N               | SUBMARINE TACTICAL WARFARE SYSTEMS .....  | 9,374                  | 9,374                   |
| 047  | 0603563N               | SHIP CONCEPT ADVANCED DESIGN .....  | 89,419                 | 89,419                  |
| 048  | 0603564N               | SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....                               | 13,348                 | 13,348                  |
| 049  | 0603570N               | ADVANCED NUCLEAR POWER SYSTEMS .....  | 256,137                | 256,137                 |
| 050  | 0603573N               | ADVANCED SURFACE MACHINERY SYSTEMS .....  | 22,109                 | 22,109                  |
| 051  | 0603576N               | CHALK EAGLE .....   | 29,744                 | 29,744                  |
| 052  | 0603581N               | LITTORAL COMBAT SHIP (LCS) .....  | 27,997                 | 27,997                  |
| 053  | 0603582N               | COMBAT SYSTEM INTEGRATION .....   | 16,351                 | 16,351                  |
| 054  | 0603595N               | OHIO REPLACEMENT .....  | 514,846                | 526,846                 |
|  |                        | <i>Advanced Submarines Control and Precision Propulsion Module Integration.</i>   |                        | [12,000]                |
| 055  | 0603596N               | LCS MISSION MODULES .....   | 103,633                | 103,633                 |
| 056  | 0603597N               | AUTOMATED TEST AND ANALYSIS .....   | 7,931                  | 7,931                   |
| 057  | 0603599N               | FRIGATE DEVELOPMENT .....   | 134,772                | 134,772                 |
| 058  | 0603609N               | CONVENTIONAL MUNITIONS .....  | 9,307                  | 9,307                   |
| 060  | 0603635M               | MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....                                   | 1,828                  | 1,828                   |
| 061  | 0603654N               | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....                                | 43,148                 | 43,148                  |
| 062  | 0603713N               | OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....                                    | 5,915                  | 5,915                   |
| 063  | 0603721N               | ENVIRONMENTAL PROTECTION .....  | 19,811                 | 24,811                  |
|  |                        | <i>High-Pressure Waterjet Explosive Ordnance Disposal Technology development.</i> |                        | [5,000]                 |
| 064  | 0603724N               | NAVY ENERGY PROGRAM .....   | 25,656                 | 25,656                  |
| 065  | 0603725N               | FACILITIES IMPROVEMENT .....  | 5,301                  | 5,301                   |
| 066  | 0603734N               | CHALK CORAL .....   | 267,985                | 267,985                 |
| 067  | 0603739N               | NAVY LOGISTIC PRODUCTIVITY .....  | 4,059                  | 4,059                   |
| 068  | 0603746N               | RETRACT MAPLE .....   | 377,878                | 377,878                 |
| 069  | 0603748N               | LINK PLUMERIA .....   | 381,770                | 381,770                 |
| 070  | 0603751N               | RETRACT ELM .....   | 60,535                 | 60,535                  |
| 073  | 0603790N               | NATO RESEARCH AND DEVELOPMENT .....   | 9,652                  | 9,652                   |
| 074  | 0603795N               | LAND ATTACK TECHNOLOGY .....  | 15,529                 | 15,529                  |
| 075  | 0603851M               | JOINT NON-LETHAL WEAPONS TESTING .....  | 27,581                 | 32,581                  |
|  |                        | <i>Joint service adoption of non-lethal weapon technologies .....</i>             |                        | [5,000]                 |
| 076  | 0603860N               | JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL .....                        | 101,566                | 101,566                 |
| 077  | 0603925N               | DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....                                 | 223,344                | 171,344                 |
|  |                        | <i>Program decrease .....</i>   |                        | [-52,000]               |
| 078  | 0604014N               | F/A -18 INFRARED SEARCH AND TRACK (IRST) .....                                    | 108,700                | 108,700                 |
| 079  | 0604027N               | DIGITAL WARFARE OFFICE .....  | 26,691                 | 26,691                  |
| 080  | 0604028N               | SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES .....                                 | 16,717                 | 16,717                  |
| 081  | 0604029N               | UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES .....                                 | 30,187                 | 30,187                  |
| 082  | 0604030N               | RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION .....                        | 48,796                 | 48,796                  |
| 083  | 0604031N               | LARGE UNMANNED UNDERSEA VEHICLES .....  | 92,613                 | 71,413                  |
|  |                        | <i>Excessive Snakehead LDUUV growth .....</i>                                     |                        | [-21,200]               |
| 084  | 0604112N               | GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80) .....                   | 58,121                 | 73,121                  |
|  |                        | <i>EMALS software support activity .....</i>                                      |                        | [15,000]                |
| 086  | 0604126N               | LITTORAL AIRBORNE MCM .....   | 17,622                 | 17,622                  |
| 087  | 0604127N               | SURFACE MINE COUNTERMEASURES .....  | 18,154                 | 18,154                  |
| 088  | 0604272N               | TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) .....                 | 47,278                 | 47,278                  |
| 090  | 0604289M               | NEXT GENERATION LOGISTICS .....   | 11,081                 | 11,081                  |
| 092  | 0604320M               | RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....                                       | 7,107                  | 7,107                   |
| 093  | 0604454N               | LX (R) .....  | 5,549                  | 5,549                   |
| 094  | 0604536N               | ADVANCED UNDERSEA PROTOTYPING .....   | 87,669                 | 87,669                  |
| 095  | 0604659N               | PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM .....                                | 132,818                | 132,818                 |
| 096  | 0604707N               | SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT .....         | 7,230                  | 7,230                   |

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| <b>Line</b> | <b>Program Element</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|------------------------|--|------------------------|-------------------------|
| 097         | 0604786N               | OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT                                  | 143,062                | 143,062                 |
| 099         | 0303354N               | ASW SYSTEMS DEVELOPMENT—MIP .....  | 8,889                  | 8,889                   |
| 100         | 0304240M               | ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....                                   | 25,291                 | 10,341                  |
|             |                        | <i>Unjustified cost growth</i> .....   |                        | [-14,950]               |
| 101         | 0304240N               | ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....                                   | 9,300                  | 9,300                   |
| 102         | 0304270N               | ELECTRONIC WARFARE DEVELOPMENT—MIP .....   | 466                    | 466                     |
|             |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>                   | <b>4,293,713</b>       | <b>4,237,563</b>        |
|             |                        | <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>                                      |                        |                         |
| 103         | 0603208N               | TRAINING SYSTEM AIRCRAFT .....   | 12,798                 | 13,798                  |
|             |                        | <i>TH-57 follow-on training system development</i> .....                           |                        | [1,000]                 |
| 104         | 0604212N               | OTHER HELO DEVELOPMENT .....   | 32,128                 | 32,128                  |
| 105         | 0604214M               | AV-8B AIRCRAFT—ENG DEV .....   | 46,363                 | 46,363                  |
| 107         | 0604215N               | STANDARDS DEVELOPMENT .....  | 3,771                  | 3,771                   |
| 108         | 0604216N               | MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT .....                                 | 16,611                 | 16,611                  |
| 109         | 0604218N               | AIR/OCEAN EQUIPMENT ENGINEERING .....  | 17,368                 | 17,368                  |
| 110         | 0604221N               | P-3 MODERNIZATION PROGRAM .....  | 2,134                  | 2,134                   |
| 111         | 0604230N               | WARFARE SUPPORT SYSTEM .....   | 9,729                  | 9,729                   |
| 112         | 0604231N               | TACTICAL COMMAND SYSTEM .....  | 57,688                 | 57,688                  |
| 113         | 0604234N               | ADVANCED HAWKEYE .....   | 223,565                | 215,565                 |
|             |                        | <i>Forward financed in the FY18 Omnibus</i> .....                                  |                        | [-10,000]               |
|             |                        | <i>Program increase—IFF range improvement</i> .....                                |                        | [2,000]                 |
| 114         | 0604245M               | H-1 UPGRADES .....   | 58,097                 | 58,097                  |
| 116         | 0604261N               | ACOUSTIC SEARCH SENSORS .....  | 42,485                 | 42,485                  |
| 117         | 0604262N               | V-32A .....  | 143,079                | 143,079                 |
| 118         | 0604264N               | AIR CREW SYSTEMS DEVELOPMENT .....   | 20,980                 | 20,980                  |
| 119         | 0604269N               | EA-18 .....  | 147,419                | 147,419                 |
| 120         | 0604270N               | ELECTRONIC WARFARE DEVELOPMENT .....   | 89,824                 | 121,424                 |
|             |                        | <i>Navy UFR: EA-18G offensive airborne electronic attack special mission pods.</i> |                        | [31,600]                |
| 121         | 0604273M               | EXECUTIVE HELO DEVELOPMENT .....   | 245,064                | 245,064                 |
| 123         | 0604274N               | NEXT GENERATION JAMMER (NGJ) .....   | 459,529                | 459,529                 |
| 124         | 0604280N               | JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....                                 | 3,272                  | 3,272                   |
| 125         | 0604282N               | NEXT GENERATION JAMMER (NGJ) INCREMENT II .....                                    | 115,253                | 115,253                 |
| 126         | 0604307N               | SURFACE COMBATANT COMBAT SYSTEM ENGINEERING .....                                  | 397,403                | 377,403                 |
|             |                        | <i>ACB 20 unexecutable growth</i> .....  |                        | [-20,000]               |
| 127         | 0604311N               | LPD-17 CLASS SYSTEMS INTEGRATION .....   | 939                    | 939                     |
| 128         | 0604329N               | SMALL DIAMETER BOMB (SDB) .....  | 104,448                | 104,448                 |
| 129         | 0604366N               | STANDARD MISSILE IMPROVEMENTS .....  | 165,881                | 180,881                 |
|             |                        | <i>XFU electronics unit integration</i> .....                                      |                        | [15,000]                |
| 130         | 0604373N               | AIRBORNE MCM .....   | 10,831                 | 10,831                  |
| 131         | 0604378N               | NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.                     | 33,429                 | 26,529                  |
|             |                        | <i>Excess overhead</i> .....   |                        | [-6,900]                |
| 132         | 0604501N               | ADVANCED ABOVE WATER SENSORS .....   | 35,635                 | 35,635                  |
| 133         | 0604503N               | SSN-688 AND TRIDENT MODERNIZATION .....  | 126,932                | 126,932                 |
| 134         | 0604504N               | AIR CONTROL .....  | 62,448                 | 62,448                  |
| 135         | 0604512N               | SHIPBOARD AVIATION SYSTEMS .....   | 9,710                  | 9,710                   |
| 136         | 0604518N               | COMBAT INFORMATION CENTER CONVERSION .....   | 19,303                 | 19,303                  |
| 137         | 0604522N               | AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....                                  | 27,059                 | 27,059                  |
| 138         | 0604530N               | ADVANCED ARRESTING GEAR (AAG) .....  | 184,106                | 184,106                 |
| 139         | 0604558N               | NEW DESIGN SSN .....   | 148,233                | 126,833                 |
|             |                        | <i>Excess cost growth</i> .....  |                        | [-21,400]               |
| 140         | 0604562N               | SUBMARINE TACTICAL WARFARE SYSTEM .....  | 60,824                 | 60,824                  |
| 141         | 0604567N               | SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....  | 60,062                 | 60,062                  |
| 142         | 0604574N               | NAVY TACTICAL COMPUTER RESOURCES .....   | 4,642                  | 4,642                   |
| 144         | 0604601N               | MINE DEVELOPMENT .....   | 25,756                 | 25,756                  |
| 145         | 0604610N               | LIGHTWEIGHT TORPEDO DEVELOPMENT .....  | 95,147                 | 95,147                  |
| 146         | 0604654N               | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....                                 | 7,107                  | 7,107                   |
| 147         | 0604703N               | PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS .....                           | 6,539                  | 6,539                   |
| 148         | 0604727N               | JOINT STANDOFF WEAPON SYSTEMS .....  | 441                    | 441                     |
| 149         | 0604755N               | SHIP SELF DEFENSE (DETECT & CONTROL) .....   | 180,391                | 180,391                 |
| 150         | 0604756N               | SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....  | 178,538                | 178,538                 |
| 151         | 0604757N               | SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....                                     | 120,507                | 120,507                 |
| 152         | 0604761N               | INTELLIGENCE ENGINEERING .....   | 29,715                 | 29,715                  |
| 153         | 0604771N               | MEDICAL DEVELOPMENT .....  | 8,095                  | 8,095                   |
| 154         | 0604777N               | NAVIGATION/ID SYSTEM .....   | 121,026                | 121,026                 |
| 155         | 0604800M               | JOINT STRIKE FIGHTER (JSF)—EMD .....   | 66,566                 | 66,566                  |
| 156         | 0604800N               | JOINT STRIKE FIGHTER (JSF)—EMD .....   | 65,494                 | 65,494                  |
| 159         | 0605013M               | INFORMATION TECHNOLOGY DEVELOPMENT .....   | 14,005                 | 14,005                  |
| 160         | 0605013N               | INFORMATION TECHNOLOGY DEVELOPMENT .....   | 268,567                | 268,567                 |
| 161         | 0605024N               | ANTI-TAMPER TECHNOLOGY SUPPORT .....   | 5,618                  | 5,618                   |
| 162         | 0605212M               | CH-53K RDTE .....  | 326,945                | 326,945                 |
| 164         | 0605215N               | MISSION PLANNING .....   | 32,714                 | 32,714                  |
| 165         | 0605217N               | COMMON AVIONICS .....  | 51,486                 | 51,486                  |
| 166         | 0605220N               | SHIP TO SHORE CONNECTOR (SSC) .....  | 1,444                  | 1,444                   |
| 167         | 0605327N               | T-AO 205 CLASS .....   | 1,298                  | 1,298                   |

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|-------------|------------------------|--|------------------------|-------------------------|
| 168         | 0605414N               | UNMANNED CARRIER AVIATION (UCA) .....  | 718,942                | 602,042                 |
|             |                        | Insufficient Air Vehicle budget justification .....  |                        | [-116,900]              |
| 169         | 0605450M               | JOINT AIR-TO-GROUND MISSILE (JAGM) .....   | 6,759                  | 11,759                  |
|             |                        | JAGM-F for USN and USMC .....  |                        | [5,000]                 |
| 171         | 0605500N               | MULTI-MISSION MARITIME AIRCRAFT (MMA) .....  | 37,296                 | 37,296                  |
| 172         | 0605504N               | MULTI-MISSION MARITIME (MMA) INCREMENT III .....   | 160,389                | 160,389                 |
| 173         | 0605611M               | MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.  | 98,223                 | 98,223                  |
| 174         | 0605813M               | JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.  | 2,260                  | 2,260                   |
| 175         | 0204202N               | DDG-1000 .....   | 161,264                | 161,264                 |
| 180         | 0304785N               | TACTICAL CRYPTOLOGIC SYSTEMS .....   | 44,098                 | 44,098                  |
| 182         | 0306250M               | CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....  | 6,808                  | 6,808                   |
|             |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>  | <b>6,042,480</b>       | <b>5,921,880</b>        |
|             |                        | <b>MANAGEMENT SUPPORT</b>  |                        |                         |
| 183         | 0604256N               | THREAT SIMULATOR DEVELOPMENT .....   | 94,576                 | 94,576                  |
| 184         | 0604258N               | TARGET SYSTEMS DEVELOPMENT .....   | 10,981                 | 10,981                  |
| 185         | 0604759N               | MAJOR T&E INVESTMENT .....   | 77,014                 | 83,014                  |
|             |                        | Program increase .....   |                        | [6,000]                 |
| 186         | 0605126N               | JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION ...   | 48                     | 48                      |
| 187         | 0605152N               | STUDIES AND ANALYSIS SUPPORT—NAVY .....  | 3,942                  | 3,942                   |
| 188         | 0605154N               | CENTER FOR NAVAL ANALYSES .....  | 48,797                 | 48,797                  |
| 189         | 0605285N               | NEXT GENERATION FIGHTER .....  | 5,000                  | 5,000                   |
| 191         | 0605804N               | TECHNICAL INFORMATION SERVICES .....   | 1,029                  | 1,029                   |
| 192         | 0605853N               | MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....  | 87,565                 | 87,565                  |
| 193         | 0605856N               | STRATEGIC TECHNICAL SUPPORT .....  | 4,231                  | 4,231                   |
| 194         | 0605861N               | RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT .....  | 1,072                  | 1,072                   |
| 195         | 0605863N               | RDT&E SHIP AND AIRCRAFT SUPPORT .....  | 97,471                 | 97,471                  |
| 196         | 0605864N               | TEST AND EVALUATION SUPPORT .....  | 373,834                | 373,834                 |
| 197         | 0605865N               | OPERATIONAL TEST AND EVALUATION CAPABILITY .....   | 21,554                 | 21,554                  |
| 198         | 0605866N               | NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....  | 16,227                 | 16,227                  |
| 200         | 0605873M               | MARINE CORPS PROGRAM WIDE SUPPORT .....  | 24,303                 | 24,303                  |
| 201         | 0605898N               | MANAGEMENT HQ—R&D .....  | 43,262                 | 43,262                  |
| 202         | 0606355N               | WARFARE INNOVATION MANAGEMENT .....  | 41,918                 | 41,918                  |
| 203         | 0606942M               | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ...  | 7,000                  | 7,000                   |
| 204         | 0606942N               | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES ...  | 48,800                 | 48,800                  |
| 205         | 0305327N               | INSIDER THREAT .....   | 1,682                  | 1,682                   |
| 206         | 0902498N               | MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).   | 1,579                  | 1,579                   |
| 208         | 1206867N               | SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....  | 8,684                  | 8,684                   |
|             |                        | <b>SUBTOTAL MANAGEMENT SUPPORT</b> .....   | <b>1,020,569</b>       | <b>1,026,569</b>        |
|             |                        | <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>   |                        |                         |
| 210         | 0604227N               | HARPOON MODIFICATIONS .....  | 5,426                  | 5,426                   |
| 211         | 0604840M               | F-35 C2D2 .....  | 259,122                | 259,122                 |
| 212         | 0604840N               | F-35 C2D2 .....  | 252,360                | 252,360                 |
| 213         | 0607658N               | COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....  | 130,515                | 119,315                 |
|             |                        | Excess cost growth .....   |                        | [-11,200]               |
| 214         | 0607700N               | DEPLOYABLE JOINT COMMAND AND CONTROL .....   | 3,127                  | 3,127                   |
| 215         | 0101221N               | STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....   | 157,679                | 166,679                 |
|             |                        | Project 2228, technical applications, systems engineering modeling and simulation capability and tool development. |                        | [9,000]                 |
| 216         | 0101224N               | SSBN SECURITY TECHNOLOGY PROGRAM .....   | 43,198                 | 39,198                  |
|             |                        | Excess program growth .....  |                        | [-4,000]                |
| 217         | 0101226N               | SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....   | 11,311                 | 11,311                  |
| 218         | 0101402N               | NAVY STRATEGIC COMMUNICATIONS .....  | 39,313                 | 39,313                  |
| 219         | 0204136N               | F/A-18 SQUADRONS .....   | 193,086                | 200,586                 |
|             |                        | Engine noise reduction engineering .....   |                        | [2,500]                 |
|             |                        | JAGM-F for USN and USMC .....  |                        | [5,000]                 |
| 220         | 0204163N               | FLEET TELECOMMUNICATIONS (TACTICAL) .....  | 25,014                 | 25,014                  |
| 221         | 0204228N               | SURFACE SUPPORT .....  | 11,661                 | 11,661                  |
| 222         | 0204229N               | TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TPMC).  | 282,395                | 282,395                 |
| 223         | 0204311N               | INTEGRATED SURVEILLANCE SYSTEM .....   | 36,959                 | 36,959                  |
| 224         | 0204313N               | SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS .....  | 15,454                 | 15,454                  |
| 225         | 0204413N               | AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).  | 6,073                  | 6,073                   |
| 226         | 0204460M               | GROUND/AIR TASK ORIENTED RADAR (GLATOR) .....  | 45,029                 | 45,029                  |
| 227         | 0204571N               | CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....  | 104,903                | 104,903                 |
| 228         | 0204574N               | CRYPTOLOGIC DIRECT SUPPORT .....   | 4,544                  | 4,544                   |
| 229         | 0204575N               | ELECTRONIC WARFARE (EW) READINESS SUPPORT .....  | 66,889                 | 66,889                  |
| 230         | 0205601N               | HARM IMPROVEMENT .....   | 120,762                | 120,762                 |
| 231         | 0205604N               | TACTICAL DATA LINKS .....  | 104,696                | 104,696                 |
| 232         | 0205620N               | SURFACE ASW COMBAT SYSTEM INTEGRATION .....  | 28,421                 | 28,421                  |
| 233         | 0205632N               | MK-48 ADCAP .....  | 94,155                 | 68,555                  |
|             |                        | Excessive TI-1 cost growth .....   |                        | [-25,600]               |

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|-------------|------------------------|---|------------------------|-------------------------|
| 234         | 0205633N               | AVIATION IMPROVEMENTS .....   | 121,805                | 136,805                 |
|             |                        | Navy UFR: F/A-18E/F Super Hornet engine enhancements .....                              |                        | [15,000]                |
| 235         | 0205675N               | OPERATIONAL NUCLEAR POWER SYSTEMS .....   | 117,028                | 117,028                 |
| 236         | 0206313M               | MARINE CORPS COMMUNICATIONS SYSTEMS .....   | 174,779                | 174,779                 |
| 237         | 0206335M               | COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) ...                                  | 4,826                  | 4,826                   |
| 238         | 0206623M               | MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS .....                                | 97,152                 | 97,152                  |
| 239         | 0206624M               | MARINE CORPS COMBAT SERVICES SUPPORT .....  | 30,156                 | 30,156                  |
| 240         | 0206625M               | USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) ...                                  | 39,976                 | 39,976                  |
| 241         | 0206629M               | AMPHIBIOUS ASSAULT VEHICLE .....  | 22,637                 | 22,637                  |
| 242         | 0207161N               | TACTICAL AIM MISSILES .....   | 40,121                 | 40,121                  |
| 243         | 0207163N               | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....                                 | 32,473                 | 32,473                  |
| 249         | 0303138N               | CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES) .....                           | 23,697                 | 23,697                  |
| 250         | 0303140N               | INFORMATION SYSTEMS SECURITY PROGRAM .....  | 44,228                 | 44,228                  |
| 252         | 0305192N               | MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....                                    | 6,081                  | 6,081                   |
| 253         | 0305204N               | TACTICAL UNMANNED AERIAL VEHICLES .....   | 8,529                  | 8,529                   |
| 254         | 0305205N               | UAS INTEGRATION AND INTEROPERABILITY .....  | 41,212                 | 41,212                  |
| 255         | 0305208M               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....   | 7,687                  | 7,687                   |
| 256         | 0305208N               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....   | 42,846                 | 42,846                  |
| 257         | 0305220N               | MQ-4C TRITON .....  | 14,395                 | 14,395                  |
| 258         | 0305231N               | MQ-8 UAV .....  | 9,843                  | 9,843                   |
| 259         | 0305232M               | RQ-11 UAV .....   | 524                    | 524                     |
| 260         | 0305234N               | SMALL (LEVEL 0) TACTICAL UAS (STUASLo) .....  | 5,360                  | 5,360                   |
| 261         | 0305239M               | RQ-21A .....  | 10,914                 | 10,914                  |
| 262         | 0305241N               | MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....   | 81,231                 | 81,231                  |
| 263         | 0305242M               | UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....                                      | 5,956                  | 5,956                   |
| 264         | 0305421N               | RQ-4 MODERNIZATION .....  | 219,894                | 216,894                 |
|             |                        | Program decrease .....  |                        | [-3,000]                |
| 265         | 0308601N               | MODELING AND SIMULATION SUPPORT .....   | 7,097                  | 7,097                   |
| 266         | 0702207N               | DEPOT MAINTENANCE (NON-IF) .....  | 36,560                 | 36,560                  |
| 267         | 0708730N               | MARITIME TECHNOLOGY (MARITECH) .....  | 7,284                  | 7,284                   |
| 268         | 1203109N               | SATELLITE COMMUNICATIONS (SPACE) .....  | 39,174                 | 39,174                  |
| 268A        | 999999999              | CLASSIFIED PROGRAMS .....   | 1,549,503              | 1,549,503               |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>                                      | <b>4,885,060</b>       | <b>4,872,760</b>        |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>                              | <b>18,481,666</b>      | <b>18,387,116</b>       |
|             |                        | <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>                                       |                        |                         |
|             |                        | <b>BASIC RESEARCH</b>   |                        |                         |
| 001         | 0601102F               | DEFENSE RESEARCH SCIENCES .....   | 348,322                | 348,322                 |
| 002         | 0601103F               | UNIVERSITY RESEARCH INITIATIVES .....   | 154,991                | 154,991                 |
| 003         | 0601108F               | HIGH ENERGY LASER RESEARCH INITIATIVES .....  | 14,506                 | 14,506                  |
|             |                        | <b>SUBTOTAL BASIC RESEARCH .....</b>  | <b>517,819</b>         | <b>517,819</b>          |
|             |                        | <b>APPLIED RESEARCH</b>   |                        |                         |
| 004         | 0602102F               | MATERIALS .....   | 125,373                | 144,373                 |
|             |                        | Additional facility engineering research and development .....                          |                        | [3,000]                 |
|             |                        | Structural Biology Techniques .....   |                        | [3,000]                 |
|             |                        | Sub-atomic particle research .....  |                        | [3,000]                 |
|             |                        | Thermal protecting systems for hypersonics .....  |                        | [10,000]                |
| 005         | 0602201F               | AEROSPACE VEHICLE TECHNOLOGIES .....  | 130,547                | 140,547                 |
|             |                        | Hypersonic vehicle structures .....   |                        | [10,000]                |
| 006         | 0602202F               | HUMAN EFFECTIVENESS APPLIED RESEARCH .....  | 112,518                | 112,518                 |
| 007         | 0602203F               | AEROSPACE PROPULSION .....  | 190,919                | 195,919                 |
|             |                        | Program increase .....  |                        | [5,000]                 |
| 008         | 0602204F               | AEROSPACE SENSORS .....   | 166,534                | 166,534                 |
| 009         | 0602298F               | SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD-QUARTERS ACTIVITIES .....                 | 8,288                  | 8,288                   |
| 011         | 0602602F               | CONVENTIONAL MUNITIONS .....  | 112,841                | 112,841                 |
| 012         | 0602605F               | DIRECTED ENERGY TECHNOLOGY .....  | 141,898                | 141,898                 |
| 013         | 0602788F               | DOMINANT INFORMATION SCIENCES AND METHODS .....   | 162,420                | 172,420                 |
|             |                        | Enhance and accelerate Air Force artificial intelligence research .....                 |                        | [10,000]                |
| 014         | 0602890F               | HIGH ENERGY LASER RESEARCH .....  | 43,359                 | 43,359                  |
| 015         | 1206601F               | SPACE TECHNOLOGY .....  | 117,645                | 117,645                 |
|             |                        | <b>SUBTOTAL APPLIED RESEARCH .....</b>  | <b>1,312,342</b>       | <b>1,356,342</b>        |
|             |                        | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>  |                        |                         |
| 016         | 0603112F               | ADVANCED MATERIALS FOR WEAPON SYSTEMS .....   | 34,426                 | 44,426                  |
|             |                        | Metals Affordability Initiative .....   |                        | [10,000]                |
| 017         | 0603199F               | SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T) .....  | 15,150                 | 20,150                  |
|             |                        | Air Force artificial intelligence research and non-operational support activities ..... |                        | [5,000]                 |
| 018         | 0603203F               | ADVANCED AEROSPACE SENSORS .....  | 39,968                 | 39,968                  |
| 019         | 0603211F               | AEROSPACE TECHNOLOGY DEV/DEMO .....   | 121,002                | 121,002                 |
| 020         | 0603216F               | AEROSPACE PROPULSION AND POWER TECHNOLOGY .....   | 115,462                | 125,462                 |
|             |                        | Laser power system enhancement .....  |                        | [10,000]                |
| 021         | 0603270F               | ELECTRONIC COMBAT TECHNOLOGY .....  | 55,319                 | 55,319                  |



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|-------------|------------------------|--|------------------------|-------------------------|
| 022         | 0603401F               | ADVANCED SPACECRAFT TECHNOLOGY .....   | 54,895                 | 54,895                  |
| 023         | 0603444F               | MAUI SPACE SURVEILLANCE SYSTEM (MSSS) .....  | 10,674                 | 10,674                  |
| 024         | 0603456F               | HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.<br>Autonomous life support system development .....               | 36,463                 | 46,463<br>[10,000]      |
| 025         | 0603601F               | CONVENTIONAL WEAPONS TECHNOLOGY .....  | 194,981                | 194,981                 |
| 026         | 0603605F               | ADVANCED WEAPONS TECHNOLOGY .....  | 43,368                 | 43,368                  |
| 027         | 0603680F               | MANUFACTURING TECHNOLOGY PROGRAM .....   | 42,025                 | 47,025                  |
|             |                        | Academic and industrial partnerships for aerospace materials .....   |                        | [5,000]                 |
| 028         | 0603788F               | BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.<br>Additional facility engineering research and development ..... | 51,064                 | 64,364<br>[8,300]       |
|             |                        | Enhance and accelerate Air Force artificial intelligence research .....  |                        | [5,000]                 |
|             |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>  | <b>814,797</b>         | <b>868,097</b>          |
|             |                        | <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>   |                        |                         |
| 030         | 0603260F               | INTELLIGENCE ADVANCED DEVELOPMENT .....  | 5,568                  | 5,568                   |
| 032         | 0603742F               | COMBAT IDENTIFICATION TECHNOLOGY .....   | 18,194                 | 18,194                  |
| 033         | 0603790F               | NATO RESEARCH AND DEVELOPMENT .....  | 2,305                  | 2,305                   |
| 035         | 0603851F               | INTERCONTINENTAL BALLISTIC MISSILE—DEMOVAL .....   | 41,856                 | 41,856                  |
| 037         | 0604015F               | LONG RANGE STRIKE—BOMBER .....   | 2,314,196              | 2,314,196               |
| 038         | 0604201F               | INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....   | 14,894                 | 14,894                  |
| 039         | 0604257F               | ADVANCED TECHNOLOGY AND SENSORS .....  | 34,585                 | 34,585                  |
| 040         | 0604288F               | NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....  | 9,740                  | 9,740                   |
| 041         | 0604317F               | TECHNOLOGY TRANSFER .....  | 12,960                 | 12,960                  |
| 042         | 0604327F               | HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.<br>CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....          | 71,501                 | 71,501                  |
| 043         | 0604414F               | DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....   | 28,350                 | 28,350                  |
| 046         | 0604776F               | TECH TRANSITION PROGRAM .....  | 1,186,075              | 1,201,075               |
|             |                        | Competitively Awarded Transition Programs .....  |                        | [5,000]                 |
|             |                        | Non-engine development technology .....  |                        | [10,000]                |
| 049         | 0605230F               | GROUND BASED STRATEGIC DETERRENT .....   | 345,041                | 414,441                 |
|             |                        | Accelerated execution of program .....   |                        | [69,400]                |
| 050         | 0207110F               | NEXT GENERATION AIR DOMINANCE .....  | 503,997                | 413,997                 |
|             |                        | Ahead of need .....  |                        | [-90,000]               |
| 051         | 0207455F               | THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....  | 40,326                 | 40,326                  |
| 052         | 0208099F               | UNIFIED PLATFORM (UP) .....  | 29,800                 | 29,800                  |
| 054         | 0305236F               | COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....  | 41,880                 | 41,880                  |
| 055         | 0305601F               | MISSION PARTNER ENVIRONMENTS .....   | 10,074                 | 10,074                  |
| 056         | 0306250F               | CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....  | 253,825                | 253,825                 |
| 057         | 0306415F               | ENABLED CYBER ACTIVITIES .....   | 16,325                 | 16,325                  |
| 059         | 0901410F               | CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....  | 17,577                 | 17,577                  |
| 060         | 1203164F               | NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).<br>EO/IR WEATHER SYSTEMS .....                             | 286,629                | 286,629                 |
| 061         | 1203710F               | WEATHER SYSTEM FOLLOW-ON .....   | 7,940                  | 7,940                   |
| 062         | 1206422F               | Commercial weather data pilot .....  | 138,052                | 148,052<br>[10,000]     |
| 063         | 1206425F               | SPACE SITUATION AWARENESS SYSTEMS .....  | 39,338                 | 39,338                  |
| 064         | 1206434F               | MIDTERM POLAR MILSATCOM SYSTEM .....   | 383,113                | 383,113                 |
| 065         | 1206438F               | SPACE CONTROL TECHNOLOGY .....   | 91,018                 | 106,018                 |
|             |                        | NTS-3 Payload .....  |                        | [15,000]                |
| 066         | 1206730F               | SPACE SECURITY AND DEFENSE PROGRAM .....   | 45,542                 | 49,542                  |
|             |                        | Allied launch services .....   |                        | [4,000]                 |
| 067         | 1206760F               | PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....   | 51,419                 | 51,419                  |
| 068         | 1206761F               | PROTECTED TACTICAL SERVICE (PTS) .....   | 29,776                 | 29,776                  |
| 069         | 1206855F               | PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED .....  | 29,379                 | 29,379                  |
| 070         | 1206857F               | OPERATIONALLY RESPONSIVE SPACE .....   | 366,050                | 247,050                 |
|             |                        | Space RCO Advanced Solar Power—early to need .....   |                        | [-119,000]              |
|             |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>  | <b>6,529,943</b>       | <b>6,434,343</b>        |
|             |                        | <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>  |                        |                         |
| 071         | 0604200F               | FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....   | 39,602                 | 39,602                  |
| 072         | 0604201F               | INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....   | 58,531                 | 58,531                  |
| 073         | 0604222F               | NUCLEAR WEAPONS SUPPORT .....  | 4,468                  | 4,468                   |
| 074         | 0604270F               | ELECTRONIC WARFARE DEVELOPMENT .....   | 1,909                  | 1,909                   |
| 075         | 0604281F               | TACTICAL DATA NETWORKS ENTERPRISE .....  | 207,746                | 207,746                 |
| 076         | 0604287F               | PHYSICAL SECURITY EQUIPMENT .....  | 14,421                 | 14,421                  |
| 077         | 0604329F               | SMALL DIAMETER BOMB (SDB)—EMD .....  | 73,158                 | 93,158                  |
|             |                        | SDB II cost reduction initiatives .....  |                        | [20,000]                |
| 081         | 0604429F               | AIRBORNE ELECTRONIC ATTACK .....   | 7,153                  | 7,153                   |
| 083         | 0604602F               | ARMAMENT/ORDNANCE DEVELOPMENT .....  | 58,590                 | 58,590                  |
| 084         | 0604604F               | SUBUNITIONS .....  | 2,990                  | 2,990                   |
| 085         | 0604617F               | AGILE COMBAT SUPPORT .....   | 20,028                 | 20,028                  |
| 086         | 0604618F               | JOINT DIRECT ATTACK MUNITION .....   | 15,787                 | 15,787                  |
| 087         | 0604706F               | LIFE SUPPORT SYSTEMS .....   | 8,919                  | 8,919                   |

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|-------------|------------------------|--|------------------------|-------------------------|
| 088         | 0604735F               | COMBAT TRAINING RANGES .....   | 35,895                 | 62,895                  |
|             |                        | Advanced threat radar system .....                                       |                        | [27,000]                |
| 089         | 0604800F               | F-35—EMD .....   | 69,001                 | 69,001                  |
| 091         | 0604932F               | LONG RANGE STANDOFF WEAPON .....   | 614,920                | 699,920                 |
|             |                        | Accelerated execution of program .....                                   |                        | [85,000]                |
| 092         | 0604933F               | ICBM FUZE MODERNIZATION .....  | 172,902                | 172,902                 |
| 097         | 0605221F               | KC-46 .....  | 88,170                 | 88,170                  |
| 098         | 0605223F               | ADVANCED PILOT TRAINING .....  | 265,465                | 265,465                 |
| 099         | 0605229F               | COMBAT RESCUE HELICOPTER .....   | 457,652                | 457,652                 |
| 105         | 0605830F               | ACQ WORKFORCE- GLOBAL BATTLE MGMT .....                                  | 3,617                  | 3,617                   |
| 106         | 0605931F               | B-2 DEFENSIVE MANAGEMENT SYSTEM .....                                    | 261,758                | 261,758                 |
| 107         | 0101125F               | NUCLEAR WEAPONS MODERNIZATION .....                                      | 91,907                 | 91,907                  |
| 108         | 0207171F               | F-15 EPAWSS .....  | 137,095                | 137,095                 |
| 109         | 0207328F               | STAND IN ATTACK WEAPON .....   | 43,175                 | 43,175                  |
| 110         | 0207423F               | ADVANCED COMMUNICATIONS SYSTEMS .....                                    | 14,888                 | 14,888                  |
| 111         | 0207701F               | FULL COMBAT MISSION TRAINING .....                                       | 1,015                  | 1,015                   |
| 115         | 0307581F               | JSTARS RECAP .....   |                        | 623,000                 |
|             |                        | JSTARS recap EMD execution .....   |                        | [623,000]               |
| 116         | 0401310F               | C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....                          | 7,943                  | 7,943                   |
| 117         | 0401319F               | PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR) .....                       | 673,032                | 673,032                 |
| 118         | 0701212F               | AUTOMATED TEST SYSTEMS .....   | 13,653                 | 13,653                  |
| 119         | 1203176F               | COMBAT SURVIVOR EVADER LOCATOR .....                                     | 939                    | 939                     |
| 120         | 1203269F               | GPS IIC .....  | 451,889                | 451,889                 |
| 121         | 1203940F               | SPACE SITUATION AWARENESS OPERATIONS .....                               | 46,668                 | 46,668                  |
| 122         | 1206421F               | COUNTERSPACE SYSTEMS .....   | 20,676                 | 20,676                  |
| 123         | 1206425F               | SPACE SITUATION AWARENESS SYSTEMS .....                                  | 134,463                | 134,463                 |
| 124         | 1206426F               | SPACE FENCE .....  | 20,215                 | 20,215                  |
| 125         | 1206431F               | ADVANCED EHF MILSATCOM (SPACE) .....                                     | 151,506                | 151,506                 |
| 126         | 1206432F               | POLAR MILSATCOM (SPACE) .....  | 27,337                 | 27,337                  |
| 127         | 1206433F               | WIDEBAND GLOBAL SATCOM (SPACE) .....                                     | 3,970                  | 3,970                   |
| 128         | 1206441F               | SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD .....                       | 60,565                 | 60,565                  |
| 129         | 1206442F               | EVOLVED SBIRS .....  | 643,126                | 643,126                 |
| 130         | 1206853F               | EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM<br>(SPACE)—EMD.                | 245,447                | 245,447                 |
|             |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>                  | <b>5,272,191</b>       | <b>6,027,191</b>        |
|             |                        | <b>MANAGEMENT SUPPORT</b>  |                        |                         |
| 131         | 0604256F               | THREAT SIMULATOR DEVELOPMENT .....                                       | 34,256                 | 34,256                  |
| 132         | 0604759F               | MAJOR T&E INVESTMENT .....   | 91,844                 | 91,844                  |
| 133         | 0605101F               | RAND PROJECT AIR FORCE .....   | 34,614                 | 34,614                  |
| 135         | 0605712F               | INITIAL OPERATIONAL TEST & EVALUATION .....                              | 18,043                 | 18,043                  |
| 136         | 0605807F               | TEST AND EVALUATION SUPPORT .....  | 692,784                | 724,684                 |
|             |                        | Test range modernization .....   |                        | [31,900]                |
| 137         | 0605826F               | ACQ WORKFORCE- GLOBAL POWER .....  | 233,924                | 233,924                 |
| 138         | 0605827F               | ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS .....                             | 263,488                | 263,488                 |
| 139         | 0605828F               | ACQ WORKFORCE- GLOBAL REACH .....  | 153,591                | 153,591                 |
| 140         | 0605829F               | ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS .....                           | 232,315                | 232,315                 |
| 141         | 0605830F               | ACQ WORKFORCE- GLOBAL BATTLE MGMT .....                                  | 169,868                | 169,868                 |
| 142         | 0605831F               | ACQ WORKFORCE- CAPABILITY INTEGRATION .....                              | 226,219                | 226,219                 |
| 143         | 0605832F               | ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....                            | 38,400                 | 38,400                  |
| 144         | 0605833F               | ACQ WORKFORCE- NUCLEAR SYSTEMS .....                                     | 125,761                | 125,761                 |
| 147         | 0605898F               | MANAGEMENT HQ—R&D .....  | 10,642                 | 10,642                  |
| 148         | 0605976F               | FACILITIES RESTORATION AND MODERNIZATION—TEST AND<br>EVALUATION SUPPORT. | 162,216                | 162,216                 |
| 149         | 0605978F               | FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT                       | 28,888                 | 28,888                  |
| 150         | 0606017F               | REQUIREMENTS ANALYSIS AND MATURATION .....                               | 35,285                 | 35,285                  |
| 153         | 0308602F               | ENTEPRISE INFORMATION SERVICES (EIS) .....                               | 20,545                 | 20,545                  |
| 154         | 0702806F               | ACQUISITION AND MANAGEMENT SUPPORT .....                                 | 12,367                 | 12,367                  |
| 155         | 0804731F               | GENERAL SKILL TRAINING .....   | 1,448                  | 1,448                   |
| 157         | 1001004F               | INTERNATIONAL ACTIVITIES .....   | 3,998                  | 3,998                   |
| 158         | 1206116F               | SPACE TEST AND TRAINING RANGE DEVELOPMENT .....                          | 23,254                 | 23,254                  |
| 159         | 1206392F               | SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE .....                  | 169,912                | 169,912                 |
| 160         | 1206398F               | SPACE & MISSILE SYSTEMS CENTER—MHA .....                                 | 10,508                 | 10,508                  |
| 161         | 1206860F               | ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....                              | 19,721                 | 29,721                  |
|             |                        | Rocket systems launch program .....                                      |                        | [10,000]                |
| 162         | 1206864F               | SPACE TEST PROGRAM (STP) .....   | 25,620                 | 75,620                  |
|             |                        | Blackjack project .....  |                        | [50,000]                |
|             |                        | <b>SUBTOTAL MANAGEMENT SUPPORT</b>                                       | <b>2,839,511</b>       | <b>2,931,411</b>        |
|             |                        | <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>                                   |                        |                         |
| 165         | 0604233F               | SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....                          | 11,344                 | 11,344                  |
| 167         | 0605018F               | AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) .....                   | 47,287                 | 47,287                  |
| 168         | 0605024F               | ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....                            | 32,770                 | 32,770                  |
| 169         | 0605117F               | FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....                      | 68,368                 | 68,368                  |
| 170         | 0605278F               | HC/MC-130 RECAP RDT&E .....  | 32,574                 | 32,574                  |
| 171         | 0606018F               | NC3 INTEGRATION .....  | 26,112                 | 26,112                  |
| 172         | 0606942F               | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES .....                  | 99,100                 | 99,100                  |

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| 173         | 0101113F               | B-52 SQUADRONS .....  | 280,414                | 295,114                 |
|             |                        | Technical adjustment .....  |                        | [14,700]                |
| 174         | 0101122F               | AIR-LAUNCHED CRUISE MISSILE (ALCM) .....                                      | 5,955                  | 5,955                   |
| 175         | 0101126F               | B-1B SQUADRONS .....  | 76,030                 | 76,030                  |
| 176         | 0101127F               | B-2 SQUADRONS .....   | 105,561                | 105,561                 |
| 177         | 0101213F               | MINUTEMAN SQUADRONS .....   | 156,047                | 156,047                 |
| 179         | 0101316F               | WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....                                | 10,442                 | 10,442                  |
| 180         | 0101324F               | INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK .....                        | 22,833                 | 22,833                  |
| 181         | 0101328F               | ICBM REENTRY VEHICLES .....   | 18,412                 | 18,412                  |
| 183         | 0102110F               | UH-1N REPLACEMENT PROGRAM .....   | 288,022                | 288,022                 |
| 184         | 0102326F               | REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM .....            | 9,252                  | 9,252                   |
| 186         | 0205219F               | MQ-9 UAV .....  | 115,345                | 115,345                 |
| 188         | 0207131F               | A-10 SQUADRONS .....  | 26,738                 | 26,738                  |
| 189         | 0207133F               | F-16 SQUADRONS .....  | 191,564                | 191,564                 |
| 190         | 0207134F               | F-15E SQUADRONS .....   | 192,883                | 242,883                 |
|             |                        | ALQ-128 EW suite for ANG units .....  |                        | [50,000]                |
| 191         | 0207136F               | MANNED DESTRUCTIVE SUPPRESSION .....  | 15,238                 | 15,238                  |
| 192         | 0207138F               | F-22A SQUADRONS .....   | 603,553                | 583,853                 |
|             |                        | Program reduction .....   |                        | [-19,700]               |
| 193         | 0207142F               | F-35 SQUADRONS .....  | 549,501                | 549,501                 |
| 194         | 0207161F               | TACTICAL AIM MISSILES .....   | 37,230                 | 37,230                  |
| 195         | 0207163F               | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....                       | 61,393                 | 61,393                  |
| 196         | 0207227F               | COMBAT RESCUE—PARARESCUE .....  | 647                    | 647                     |
| 198         | 0207249F               | PRECISION ATTACK SYSTEMS PROCUREMENT .....                                    | 14,891                 | 14,891                  |
| 199         | 0207253F               | COMPASS CALL .....  | 13,901                 | 13,901                  |
| 200         | 0207268F               | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....                           | 121,203                | 121,203                 |
| 202         | 0207325F               | JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....                           | 60,062                 | 60,062                  |
| 203         | 0207410F               | AIR & SPACE OPERATIONS CENTER (AOC) .....                                     | 106,102                | 79,602                  |
|             |                        | Unjustified request .....   |                        | [-26,500]               |
| 204         | 0207412F               | CONTROL AND REPORTING CENTER (CRC) .....                                      | 6,413                  | 6,413                   |
| 205         | 0207417F               | AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....                             | 120,664                | 78,864                  |
|             |                        | Program reduction .....   |                        | [-5,800]                |
|             |                        | Radar controller program delay .....  |                        | [-36,000]               |
| 206         | 0207418F               | TACTICAL AIRBORNE CONTROL SYSTEMS .....                                       | 2,659                  | 2,659                   |
| 208         | 0207431F               | COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....                               | 10,316                 | 10,316                  |
| 209         | 0207444F               | TACTICAL AIR CONTROL PARTY-MOD .....  | 6,149                  | 6,149                   |
| 210         | 0207448F               | C2ISR TACTICAL DATA LINK .....  | 1,738                  | 1,738                   |
| 211         | 0207452F               | DCAPES .....  | 13,297                 | 13,297                  |
| 212         | 0207573F               | NATIONAL TECHNICAL NUCLEAR FORENSICS .....                                    | 1,788                  | 1,788                   |
| 213         | 0207581F               | JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM (JSTARS) .....                  | 14,888                 | 14,888                  |
| 214         | 0207590F               | SEEK EAGLE .....  | 24,699                 | 24,699                  |
| 215         | 0207601F               | USAF MODELING AND SIMULATION .....  | 17,078                 | 17,078                  |
| 216         | 0207605F               | WARGAMING AND SIMULATION CENTERS .....  | 6,141                  | 6,141                   |
| 218         | 0207697F               | DISTRIBUTED TRAINING AND EXERCISES .....                                      | 4,225                  | 4,225                   |
| 219         | 0208006F               | MISSION PLANNING SYSTEMS .....  | 63,653                 | 63,653                  |
| 220         | 0208007F               | TACTICAL DECEPTION .....  | 6,949                  | 6,949                   |
| 221         | 0208087F               | AF OFFENSIVE CYBERSPACE OPERATIONS .....                                      | 40,526                 | 40,526                  |
| 222         | 0208088F               | AF DEFENSIVE CYBERSPACE OPERATIONS .....                                      | 24,166                 | 24,166                  |
| 223         | 0208097F               | JOINT CYBER COMMAND AND CONTROL (JCC2) .....                                  | 13,000                 | 13,000                  |
| 224         | 0208099F               | UNIFIED PLATFORM (UP) .....   | 28,759                 | 28,759                  |
| 229         | 0301017F               | GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....                              | 3,579                  | 3,579                   |
| 230         | 0301112F               | NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....                            | 29,620                 | 29,620                  |
| 237         | 0301401F               | AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS ..... | 6,633                  | 6,633                   |
| 238         | 0302015F               | E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) .....                         | 57,758                 | 57,758                  |
| 240         | 0303131F               | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) .....              | 99,088                 | 99,088                  |
| 241         | 0303133F               | HIGH FREQUENCY RADIO SYSTEMS .....  | 51,612                 | 51,612                  |
| 242         | 0303140F               | INFORMATION SYSTEMS SECURITY PROGRAM .....                                    | 34,612                 | 34,612                  |
| 244         | 0303142F               | GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....                                 | 2,170                  | 2,170                   |
| 246         | 0304260F               | AIRBORNE SIGINT ENTERPRISE .....  | 106,873                | 109,873                 |
|             |                        | SIGINT single-pod development .....   |                        | [3,000]                 |
| 247         | 0304310F               | COMMERCIAL ECONOMIC ANALYSIS .....  | 3,472                  | 3,472                   |
| 250         | 0305015F               | C2 AIR OPERATIONS SUITE—C2 INFO SERVICES .....                                | 8,608                  | 8,608                   |
| 251         | 0305020F               | CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....                                | 1,586                  | 1,586                   |
| 252         | 0305099F               | GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....                                    | 4,492                  | 4,492                   |
| 254         | 0305111F               | WEATHER SERVICE .....   | 26,942                 | 26,942                  |
| 255         | 0305114F               | AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL8) .....              | 6,271                  | 8,771                   |
|             |                        | Augmentation of air surveillance and early warning radar systems .....        |                        | [2,500]                 |
| 256         | 0305116F               | AERIAL TARGETS .....  | 8,383                  | 8,383                   |
| 259         | 0305128F               | SECURITY AND INVESTIGATIVE ACTIVITIES .....                                   | 418                    | 418                     |
| 261         | 0305146F               | DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....                            | 3,845                  | 3,845                   |
| 268         | 0305202F               | DRAGON U-2 .....  | 48,518                 | 65,518                  |
|             |                        | EO/IR sensor upgrades .....   |                        | [17,000]                |
| 270         | 0305206F               | AIRBORNE RECONNAISSANCE SYSTEMS .....   | 175,334                | 175,334                 |

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| <b>Line</b> | <b>Program Element</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|------------------------|--|------------------------|-------------------------|
|             |                        | <i>Gorgon Stare</i> .....  |                        | [10,800]                |
|             |                        | <i>Program reduction</i> .....   |                        | [-10,800]               |
| 271         | 0305207F               | MANNED RECONNAISSANCE SYSTEMS .....                                      | 14,223                 | 14,223                  |
| 272         | 0305208F               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                          | 24,554                 | 24,554                  |
| 273         | 0305220F               | RQ-4 UAV .....   | 221,690                | 211,890                 |
|             |                        | <i>RQ-4 infrastructure unjustified request</i> .....                     |                        | [-9,800]                |
| 274         | 0305221F               | NETWORK-CENTRIC COLLABORATIVE TARGETING .....                            | 14,288                 | 14,288                  |
| 275         | 0305238F               | NATO AGS .....   | 51,527                 | 51,527                  |
| 276         | 0305240F               | SUPPORT TO DCGS ENTERPRISE .....   | 26,579                 | 26,579                  |
| 278         | 0305600F               | INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES .....            | 8,464                  | 8,464                   |
| 280         | 0305881F               | RAPID CYBER ACQUISITION .....  | 4,303                  | 4,303                   |
| 284         | 0305984F               | PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....                           | 2,466                  | 2,466                   |
| 285         | 0307577F               | INTELLIGENCE MISSION DATA (IMD) .....                                    | 4,117                  | 4,117                   |
| 287         | 0401115F               | C-130 AIRLIFT SQUADRON .....   | 105,988                | 105,988                 |
| 288         | 0401119F               | C-5 AIRLIFT SQUADRONS (IF) .....   | 25,071                 | 25,071                  |
| 289         | 0401130F               | C-17 AIRCRAFT (IF) .....   | 48,299                 | 48,299                  |
| 290         | 0401132F               | C-130J PROGRAM .....   | 15,409                 | 15,409                  |
| 291         | 0401134F               | LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCIM) .....                        | 4,334                  | 4,334                   |
| 292         | 0401218F               | KC-135S .....  | 3,493                  | 3,493                   |
| 293         | 0401219F               | KC-108 .....   | 6,569                  | 6,569                   |
| 294         | 0401314F               | OPERATIONAL SUPPORT AIRLIFT .....  | 3,172                  | 3,172                   |
| 295         | 0401318F               | CV-22 .....  | 18,502                 | 18,502                  |
| 296         | 0401840F               | AMC COMMAND AND CONTROL SYSTEM .....                                     | 1,688                  | 1,688                   |
| 297         | 0408011F               | SPECIAL TACTICS / COMBAT CONTROL .....                                   | 2,541                  | 2,541                   |
| 298         | 0702207F               | DEPOT MAINTENANCE (NON-IP) .....   | 1,897                  | 1,897                   |
| 299         | 0708055F               | MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....                              | 50,933                 | 50,933                  |
| 300         | 0708610F               | LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....                           | 13,787                 | 13,787                  |
| 301         | 0708611F               | SUPPORT SYSTEMS DEVELOPMENT .....  | 4,497                  | 4,497                   |
| 302         | 0804743F               | OTHER FLIGHT TRAINING .....  | 2,022                  | 2,022                   |
| 303         | 0808716F               | OTHER PERSONNEL ACTIVITIES .....   | 108                    | 108                     |
| 304         | 0901202F               | JOINT PERSONNEL RECOVERY AGENCY .....                                    | 2,023                  | 2,023                   |
| 305         | 0901218F               | CIVILIAN COMPENSATION PROGRAM .....                                      | 3,772                  | 3,772                   |
| 306         | 0901220F               | PERSONNEL ADMINISTRATION .....   | 6,358                  | 6,358                   |
| 307         | 0901226F               | AIR FORCE STUDIES AND ANALYSIS AGENCY .....                              | 1,418                  | 1,418                   |
| 308         | 0901538F               | FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT .....               | 99,734                 | 99,734                  |
| 309         | 1201921F               | SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....                       | 14,161                 | 14,161                  |
| 310         | 1202247F               | AF TENCAP .....  | 26,986                 | 26,986                  |
| 311         | 1203001F               | FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....                          | 80,168                 | 80,168                  |
| 312         | 1203110F               | SATELLITE CONTROL NETWORK (SPACE) .....                                  | 17,808                 | 17,808                  |
| 314         | 1203165F               | NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS) .....     | 8,937                  | 8,937                   |
| 315         | 1203173F               | SPACE AND MISSILE TEST AND EVALUATION CENTER .....                       | 59,935                 | 59,935                  |
| 316         | 1203174F               | SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT .....     | 21,019                 | 21,019                  |
| 317         | 1203179F               | INTEGRATED BROADCAST SERVICE (IBS) .....                                 | 8,568                  | 8,568                   |
| 318         | 1203182F               | SPACELIFT RANGE SYSTEM (SPACE) .....                                     | 10,641                 | 10,641                  |
| 319         | 1203265F               | GPS III SPACE SEGMENT .....  | 144,543                | 144,543                 |
| 320         | 1203400F               | SPACE SUPERIORITY INTELLIGENCE .....                                     | 16,278                 | 16,278                  |
| 321         | 1203614F               | JSPOC MISSION SYSTEM .....   | 72,256                 | 72,256                  |
| 322         | 1203620F               | NATIONAL SPACE DEFENSE CENTER .....                                      | 42,209                 | 42,209                  |
| 325         | 1203913F               | NUDET DETECTION SYSTEM (SPACE) .....                                     | 19,778                 | 19,778                  |
| 326         | 1203940F               | SPACE SITUATION AWARENESS OPERATIONS .....                               | 19,572                 | 19,572                  |
| 327         | 1206423F               | GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT .....          | 513,235                | 513,235                 |
| 327A        | 999999999              | CLASSIFIED PROGRAMS .....  | 16,534,124             | 16,390,224              |
|             |                        | <i>Classified adjustment</i> .....                                       |                        | [-40,000]               |
|             |                        | <i>Forward financed in the FY18 Omnibus</i> .....                        |                        | [-89,900]               |
|             |                        | <i>PDSA staff reduction</i> .....  |                        | [-14,000]               |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..</b>                       | <b>22,891,740</b>      | <b>22,737,240</b>       |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>                 | <b>40,178,343</b>      | <b>40,872,443</b>       |
|             |                        | <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>                        |                        |                         |
|             |                        | <b>BASIC RESEARCH</b>  |                        |                         |
| 001         | 0601000BR              | DTRA BASIC RESEARCH .....  | 37,023                 | 37,023                  |
| 002         | 0601101E               | DEFENSE RESEARCH SCIENCES .....  | 422,130                | 416,130                 |
|             |                        | <i>Program decrease</i> .....  |                        | [-6,000]                |
| 003         | 0601110D8Z             | BASIC RESEARCH INITIATIVES .....   | 42,702                 | 42,702                  |
| 004         | 0601117E               | BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....                         | 47,825                 | 47,825                  |
| 005         | 0601120D8Z             | NATIONAL DEFENSE EDUCATION PROGRAM .....                                 | 85,919                 | 85,919                  |
| 006         | 0601228D8Z             | HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS ..... | 30,412                 | 40,412                  |
|             |                        | <i>Program increase</i> .....  |                        | [10,000]                |
| 007         | 0601384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....                            | 42,103                 | 42,103                  |
|             |                        | <b>SUBTOTAL BASIC RESEARCH .....</b>                                     | <b>708,114</b>         | <b>712,114</b>          |

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|--|------------------------|--|------------------------|-------------------------|
| <b>APPLIED RESEARCH</b>                              |                        |  |                        |                         |
| 008  | 0602000D8Z             | JOINT MUNITIONS TECHNOLOGY .....                                     | 19,170                 | 19,170                  |
| 009  | 0602115E               | BIOMEDICAL TECHNOLOGY .....  | 101,300                | 101,300                 |
| 011  | 0602234D8Z             | LINCOLN LABORATORY RESEARCH PROGRAM .....                            | 51,596                 | 51,596                  |
| 012  | 0602251D8Z             | APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.              | 60,688                 | 60,688                  |
| 013  | 0602303E               | INFORMATION & COMMUNICATIONS TECHNOLOGY .....                        | 395,317                | 395,317                 |
| 014  | 0602383E               | BIOLOGICAL WARFARE DEFENSE .....                                     | 38,640                 | 38,640                  |
| 015  | 0602384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....                        | 192,674                | 192,674                 |
| 016  | 0602668D8Z             | CYBER SECURITY RESEARCH .....  | 14,969                 | 14,969                  |
| 017  | 0602702E               | TACTICAL TECHNOLOGY .....  | 335,466                | 335,466                 |
| 018  | 0602715E               | MATERIALS AND BIOLOGICAL TECHNOLOGY .....                            | 226,898                | 226,898                 |
| 019  | 0602716E               | ELECTRONICS TECHNOLOGY .....   | 333,847                | 333,847                 |
| 020  | 0602718BR              | COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.                | 161,151                | 161,151                 |
| 021  | 0602751D8Z             | SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.               | 9,300                  | 9,300                   |
| 022  | 1160401BB              | SOF TECHNOLOGY DEVELOPMENT .....                                     | 35,921                 | 35,921                  |
|  |                        | <b>SUBTOTAL APPLIED RESEARCH</b> .....                               | <b>1,976,937</b>       | <b>1,976,937</b>        |
| <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>               |                        |  |                        |                         |
| 023  | 0603000D8Z             | JOINT MUNITIONS ADVANCED TECHNOLOGY .....                            | 25,598                 | 25,598                  |
| 024  | 0603122D8Z             | COMBATING TERRORISM TECHNOLOGY SUPPORT .....                         | 125,271                | 125,271                 |
| 025  | 0603133D8Z             | FOREIGN COMPARATIVE TESTING .....                                    | 24,532                 | 24,532                  |
| 027  | 0603160BR              | COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT. | 299,858                | 299,858                 |
| 028  | 0603176C               | ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT .....                   | 13,017                 | 13,017                  |
| 029  | 0603178C               | WEAPONS TECHNOLOGY .....   |                        | 10,000                  |
|  |                        | Accelerate hypersonic defense capability .....                       |                        | [10,000]                |
| 031  | 0603180C               | ADVANCED RESEARCH .....  | 20,365                 | 40,365                  |
|  |                        | Accelerate hypersonic defense capability .....                       |                        | [20,000]                |
| 032  | 0603225D8Z             | JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT .....                 | 18,644                 | 18,644                  |
| 034  | 0603286E               | ADVANCED AEROSPACE SYSTEMS .....                                     | 277,603                | 277,603                 |
| 035  | 0603287E               | SPACE PROGRAMS AND TECHNOLOGY .....                                  | 254,671                | 254,671                 |
| 036  | 0603288D8Z             | ANALYTIC ASSESSMENTS .....   | 19,472                 | 19,472                  |
| 037  | 0603289D8Z             | ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....                      | 37,263                 | 37,263                  |
| 038  | 0603291D8Z             | ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA .....                  | 13,621                 | 13,621                  |
| 039  | 0603294C               | COMMON KILL VEHICLE TECHNOLOGY .....                                 | 189,753                | 100,753                 |
|  |                        | Early to need .....  |                        | [-89,000]               |
| 040  | 0603342D8W             | DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX) .....                    | 29,364                 | 29,364                  |
| 041  | 0603375D8Z             | TECHNOLOGY INNOVATION .....  | 83,143                 | 83,143                  |
| 042  | 0603384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.        | 142,826                | 142,826                 |
| 043  | 0603527D8Z             | RETRACT LARCH .....  | 161,128                | 161,128                 |
| 044  | 0603618D8Z             | JOINT ELECTRONIC ADVANCED TECHNOLOGY .....                           | 12,918                 | 12,918                  |
| 045  | 0603648D8Z             | JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....                     | 106,049                | 106,049                 |
| 046  | 0603662D8Z             | NETWORKED COMMUNICATIONS CAPABILITIES .....                          | 12,696                 | 12,696                  |
| 047  | 0603680D8Z             | DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.           | 114,637                | 114,637                 |
| 048  | 0603680S               | MANUFACTURING TECHNOLOGY PROGRAM .....                               | 49,667                 | 49,667                  |
| 049  | 0603699D8Z             | EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT .....                   | 48,338                 | 48,338                  |
| 050  | 0603712S               | GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS .....                | 11,778                 | 11,778                  |
| 052  | 0603716D8Z             | STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....                       | 76,514                 | 76,514                  |
| 053  | 0603720S               | MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.                 | 168,931                | 168,931                 |
| 054  | 0603727D8Z             | JOINT WARFIGHTING PROGRAM .....                                      | 5,992                  | 5,992                   |
| 055  | 0603739E               | ADVANCED ELECTRONICS TECHNOLOGIES .....                              | 111,099                | 111,099                 |
| 056  | 0603760E               | COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....                    | 185,984                | 185,984                 |
| 057  | 0603766E               | NETWORK-CENTRIC WARFARE TECHNOLOGY .....                             | 438,569                | 438,569                 |
| 058  | 0603767E               | SENSOR TECHNOLOGY .....  | 190,128                | 190,128                 |
| 059  | 0603769D8Z             | DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.                | 13,564                 | 13,564                  |
| 060  | 0603781D8Z             | SOFTWARE ENGINEERING INSTITUTE .....                                 | 15,050                 | 15,050                  |
| 061  | 0603826D8Z             | QUICK REACTION SPECIAL PROJECTS .....                                | 69,626                 | 69,626                  |
| 062  | 0603833D8Z             | ENGINEERING SCIENCE & TECHNOLOGY .....                               | 19,415                 | 19,415                  |
| 063  | 0603924D8Z             | HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM .....                  | 69,533                 | 69,533                  |
| 064  | 0603941D8Z             | TEST & EVALUATION SCIENCE & TECHNOLOGY .....                         | 96,389                 | 96,389                  |
| 065  | 0604055D8Z             | OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....                      | 40,582                 | 40,582                  |
| 066  | 0303310D8Z             | CWMD SYSTEMS .....   | 26,644                 | 26,644                  |
| 067  | 1160402BB              | SOF ADVANCED TECHNOLOGY DEVELOPMENT .....                            | 79,380                 | 79,380                  |
|  |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b> .....                | <b>3,699,612</b>       | <b>3,640,612</b>        |
| <b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b> |                        |  |                        |                         |
| 068  | 0603161D8Z             | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.    | 28,140                 | 28,140                  |
| 069  | 0603600D8Z             | WALKOFF .....  | 92,222                 | 92,222                  |

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|-------------|------------------------|---|------------------------|-------------------------|
| 070         | 0603821D8Z             | ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES ....                           | 2,506                  | 2,506                   |
| 071         | 0603851D8Z             | ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.                           | 40,016                 | 40,016                  |
| 072         | 0603881C               | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..                             | 214,173                | 359,173                 |
|             |                        | Accelerate USFK JEON delivery .....   |                        | [100,000]               |
|             |                        | Address cyber threats .....   |                        | [45,000]                |
| 073         | 0603882C               | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT                               | 926,359                | 726,359                 |
|             |                        | Address cyber threats .....   |                        | [8,000]                 |
|             |                        | Forward financed in the FY18 Omnibus .....  |                        | [-208,000]              |
| 074         | 0603884BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL ....                              | 129,886                | 129,886                 |
| 075         | 0603884C               | BALLISTIC MISSILE DEFENSE SENSORS .....   | 220,876                | 245,876                 |
|             |                        | Accelerate USFK JEON delivery .....   |                        | [20,000]                |
|             |                        | Address cyber threats .....   |                        | [5,000]                 |
| 076         | 0603890C               | BMD ENABLING PROGRAMS .....   | 540,926                | 540,926                 |
| 077         | 0603891C               | SPECIAL PROGRAMS—MDA .....  | 422,348                | 422,348                 |
| 078         | 0603892C               | AEGIS BMD .....   | 767,539                | 767,539                 |
| 081         | 0603896C               | BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI. | 475,168                | 483,168                 |
|             |                        | Address cyber threats .....   |                        | [8,000]                 |
| 082         | 0603898C               | BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...                            | 48,767                 | 48,767                  |
| 083         | 0603904C               | MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).                          | 54,925                 | 54,925                  |
| 084         | 0603906C               | REGARDING TRENCH .....  | 16,916                 | 16,916                  |
| 085         | 0603907C               | SEA BASED X-BAND RADAR (SBX) .....  | 149,715                | 116,715                 |
|             |                        | Forward financed in the FY18 Omnibus .....  |                        | [-33,000]               |
| 086         | 0603913C               | ISRAELI COOPERATIVE PROGRAMS .....  | 300,000                | 300,000                 |
| 087         | 0603914C               | BALLISTIC MISSILE DEFENSE TEST .....  | 365,681                | 430,681                 |
|             |                        | Accelerate USFK JEON delivery .....   |                        | [50,000]                |
|             |                        | Address cyber threats .....   |                        | [15,000]                |
| 088         | 0603915C               | BALLISTIC MISSILE DEFENSE TARGETS .....   | 517,852                | 491,352                 |
|             |                        | Accelerate USFK JEON delivery .....   |                        | [4,500]                 |
|             |                        | Address cyber threats .....   |                        | [5,000]                 |
|             |                        | Forward financed in the FY18 Omnibus .....  |                        | [-36,000]               |
| 089         | 0603920D8Z             | HUMANITARIAN DEMINING .....   | 11,347                 | 11,347                  |
| 090         | 0603923D8Z             | COALITION WARFARE .....   | 8,528                  | 8,528                   |
| 091         | 0604016D8Z             | DEPARTMENT OF DEFENSE CORROSION PROGRAM .....                                     | 3,477                  | 3,477                   |
| 092         | 0604115C               | TECHNOLOGY MATURATION INITIATIVES .....   | 148,822                | 203,822                 |
|             |                        | Address cyber threats .....   |                        | [5,000]                 |
|             |                        | Continue directed energy and boost phase intercept efforts .....                  |                        | [50,000]                |
| 093         | 0604132D8Z             | MISSILE DEFEAT PROJECT .....  | 58,607                 | 58,607                  |
| 094         | 0604134BR              | COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.      | 12,993                 | 12,993                  |
| 095         | 0604181C               | HYPERSONIC DEFENSE .....  | 120,444                | 130,444                 |
|             |                        | Accelerate hypersonic defense capability .....                                    |                        | [10,000]                |
| 096         | 0604250D8Z             | ADVANCED INNOVATIVE TECHNOLOGIES .....  | 1,431,702              | 1,381,702               |
|             |                        | Program reduction .....   |                        | [-50,000]               |
| 097         | 0604294D8Z             | TRUSTED & ASSURED MICROELECTRONICS .....  | 233,142                | 233,142                 |
| 098         | 0604331D8Z             | RAPID PROTOTYPING PROGRAM .....   | 99,333                 | 99,333                  |
| 098A        | 0604342D8Z             | DEFENSE TECHNOLOGY OFFSET .....   |                        | 100,000                 |
|             |                        | Directed energy .....   |                        | [100,000]               |
| 099         | 0604400D8Z             | DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.                   | 3,781                  | 3,781                   |
| 100         | 0604673C               | PACIFIC DISCRIMINATING RADAR .....  | 95,765                 | 95,765                  |
| 101         | 0604682D8Z             | WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) ....                           | 3,768                  | 3,768                   |
| 103         | 0604826J               | JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.    | 22,435                 | 22,435                  |
| 104         | 0604873C               | LONG RANGE DISCRIMINATION RADAR (LRDR) .....                                      | 164,562                | 164,562                 |
| 105         | 0604874C               | IMPROVED HOMELAND DEFENSE INTERCEPTORS .....                                      | 561,220                | 421,820                 |
|             |                        | Forward financed in the FY18 Omnibus .....  |                        | [-139,400]              |
| 106         | 0604876C               | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.                          | 61,017                 | 61,017                  |
| 107         | 0604878C               | AEGIS BMD TEST .....  | 95,756                 | 95,756                  |
| 108         | 0604879C               | BALLISTIC MISSILE DEFENSE SENSOR TEST .....                                       | 81,001                 | 81,001                  |
| 109         | 0604880C               | LAND-BASED SM-3 (LBSM3) .....   | 27,692                 | 27,842                  |
|             |                        | Retain Poland CHUs .....  |                        | [150]                   |
| 111         | 0604887C               | BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST .....                            | 81,934                 | 72,634                  |
|             |                        | Forward financed in the FY18 Omnibus .....  |                        | [-9,300]                |
| 112         | 0604894C               | MULTI-OBJECT KILL VEHICLE .....   | 8,256                  | 8,256                   |
| 113         | 0300206R               | ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS .....                                   | 2,600                  | 2,600                   |
| 114         | 0303191D8Z             | JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM .....                              | 3,104                  | 3,104                   |
| 115         | 0305103C               | CYBER SECURITY INITIATIVE .....   | 985                    | 985                     |
| 116         | 1206893C               | SPACE TRACKING & SURVEILLANCE SYSTEM .....  | 36,955                 | 36,955                  |
| 117         | 1206895C               | BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS .....                             | 16,484                 | 74,484                  |
|             |                        | Address cyber threats .....   |                        | [8,000]                 |
|             |                        | Develop space sensor architecture .....   |                        | [50,000]                |
|             |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.</b>                    | <b>8,709,725</b>       | <b>8,717,675</b>        |

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b>   | <b>Program Element</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|---|------------------------|---|------------------------|-------------------------|
| <b>SYSTEM DEVELOPMENT AND DEMONSTRATION</b>           |                        |   |                        |                         |
| 118   | 0604161D8Z             | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.                                     | 8,333                  | 8,333                   |
| 119   | 0604165D8Z             | PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT .....<br>Accelerate program .....                       | 263,414                | 413,414<br>[150,000]    |
| 120   | 0604384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD .....   | 388,701                | 388,701                 |
| 121   | 0604771D8Z             | JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)  | 19,503                 | 19,503                  |
| 122   | 0605000BR              | COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.  | 6,163                  | 6,163                   |
| 123   | 0605013BL              | INFORMATION TECHNOLOGY DEVELOPMENT .....  | 11,988                 | 11,988                  |
| 124   | 0605021SE              | HOMELAND PERSONNEL SECURITY INITIATIVE .....  | 296                    | 296                     |
| 125   | 0605022D8Z             | DEFENSE EXPORTABILITY PROGRAM .....   | 1,489                  | 1,489                   |
| 126   | 0605027D8Z             | OUS(D) IT DEVELOPMENT INITIATIVES .....   | 9,590                  | 9,590                   |
| 127   | 0605070S               | DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.   | 3,173                  | 3,173                   |
| 128   | 0605075D8Z             | DCMO POLICY AND INTEGRATION .....   | 2,105                  | 2,105                   |
| 129   | 0605080S               | DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM .....   | 21,156                 | 21,156                  |
| 130   | 0605090S               | DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS) .....   | 10,731                 | 10,731                  |
| 132   | 0605210D8Z             | DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES .....  | 6,374                  | 6,374                   |
| 133   | 0605294D8Z             | TRUSTED & ASSURED MICROELECTRONICS .....  | 56,178                 | 56,178                  |
| 134   | 0303141K               | GLOBAL COMBAT SUPPORT SYSTEM .....  | 2,512                  | 2,512                   |
| 135   | 0305304D8Z             | DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEM).   | 2,435                  | 2,435                   |
| 136   | 0305310D8Z             | CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.   | 17,048                 | 17,048                  |
| <b>SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.</b> |                        |   | <b>831,189</b>         | <b>981,189</b>          |
| <b>MANAGEMENT SUPPORT</b>                             |                        |   |                        |                         |
| 137   | 0604774D8Z             | DEFENSE READINESS REPORTING SYSTEM (DRRS) .....   | 6,661                  | 6,661                   |
| 138   | 0604875D8Z             | JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....  | 4,088                  | 4,088                   |
| 139   | 0604940D8Z             | CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).   | 258,796                | 258,796                 |
| 140   | 0604942D8Z             | ASSESSMENTS AND EVALUATIONS .....   | 31,356                 | 31,356                  |
| 141   | 0605001E               | MISSION SUPPORT .....   | 65,646                 | 65,646                  |
| 142   | 0605100D8Z             | JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETS) .....   | 84,184                 | 84,184                  |
| 143   | 0605104D8Z             | TECHNICAL STUDIES, SUPPORT AND ANALYSIS .....   | 22,576                 | 22,576                  |
| 144   | 0605126J               | JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).<br>Unjustified program growth ..... | 52,565                 | 42,565<br>[-10,000]     |
| 146   | 0605142D8Z             | SYSTEMS ENGINEERING .....   | 38,872                 | 38,872                  |
| 147   | 0605151D8Z             | STUDIES AND ANALYSIS SUPPORT—OSD .....  | 3,534                  | 3,534                   |
| 148   | 0605161D8Z             | NUCLEAR MATTERS-PHYSICAL SECURITY .....   | 5,050                  | 5,050                   |
| 149   | 0605170D8Z             | SUPPORT TO NETWORKS AND INFORMATION INTEGRATION .....   | 11,450                 | 11,450                  |
| 150   | 0605200D8Z             | GENERAL SUPPORT TO USD (INTELLIGENCE) .....   | 1,693                  | 1,693                   |
| 151   | 0605384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....   | 102,883                | 102,883                 |
| 159   | 0605790D8Z             | SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.                      | 2,545                  | 2,545                   |
| 160   | 0605798D8Z             | DEFENSE TECHNOLOGY ANALYSIS .....   | 24,487                 | 24,487                  |
| 161   | 0605801KA              | DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....   | 56,853                 | 56,853                  |
| 162   | 0605803SE              | R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.   | 24,914                 | 24,914                  |
| 163   | 0605804D8Z             | DEVELOPMENT TEST AND EVALUATION .....   | 20,179                 | 20,179                  |
| 164   | 0605898E               | MANAGEMENT HQ—R&D .....   | 13,643                 | 13,643                  |
| 165   | 0605998KA              | MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).  | 4,124                  | 4,124                   |
| 166   | 0606100D8Z             | BUDGET AND PROGRAM ASSESSMENTS .....  | 5,768                  | 5,768                   |
| 167   | 0606225D8Z             | ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....   | 1,030                  | 1,030                   |
| 168   | 0606589D8W             | DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT .....   | 1,000                  | 1,000                   |
| 169   | 0606942C               | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES .....   | 3,400                  | 3,400                   |
| 170   | 0606942S               | ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES .....   | 4,000                  | 4,000                   |
| 171   | 0203345D8Z             | DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....   | 3,008                  | 3,008                   |
| 172   | 0204571J               | JOINT STAFF ANALYTICAL SUPPORT .....  | 6,658                  | 6,658                   |
| 175   | 0303166J               | SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES .....   | 652                    | 652                     |
| 176   | 0303260D8Z             | DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO) .....   | 1,005                  | 1,005                   |
| 177   | 0305172K               | COMBINED ADVANCED APPLICATIONS .....  | 21,363                 | 21,363                  |
| 180   | 0305245D8Z             | INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS  | 109,529                | 109,529                 |
| 181   | 0306310D8Z             | CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT .....  | 1,244                  | 1,244                   |
| 184   | 0804768J               | COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.                              | 42,940                 | 42,940                  |
| 185   | 0901598C               | MANAGEMENT HQ—MDA .....   | 28,626                 | 28,626                  |
| 187   | 0903235K               | JOINT SERVICE PROVIDER (JSP) .....  | 5,104                  | 5,104                   |
| 188A  | 999999999              | CLASSIFIED PROGRAMS .....   | 45,604                 | 45,604                  |
| <b>SUBTOTAL MANAGEMENT SUPPORT</b>                    |                        |   | <b>1,117,030</b>       | <b>1,107,030</b>        |
| <b>OPERATIONAL SYSTEM DEVELOPMENT</b>                 |                        |   |                        |                         |
| 189   | 0604130V               | ENTERPRISE SECURITY SYSTEM (ESS) .....  | 9,750                  | 9,750                   |
| 190   | 0605127T               | REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.                   | 1,855                  | 1,855                   |

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Program Element</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|------------------------|--|------------------------|-------------------------|
| 191         | 0605147T               | OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).           | 304                    | 304                     |
| 192         | 0607210D8Z             | INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT .....                         | 10,376                 | 10,376                  |
| 193         | 0607310D8Z             | CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT .....                            | 5,915                  | 5,915                   |
| 194         | 0607327T               | GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS). | 5,869                  | 5,869                   |
| 195         | 0607384BP              | CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).             | 48,741                 | 48,741                  |
| 196         | 0208043J               | PLANNING AND DECISION AID SYSTEM (PDAS) .....                                  | 3,037                  | 3,037                   |
| 197         | 0208045K               | CAI INTEROPERABILITY .....   | 62,814                 | 62,814                  |
| 203         | 0302019K               | DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.                       | 16,561                 | 16,561                  |
| 204         | 0303126K               | LONG-HAUL COMMUNICATIONS—DCS .....   | 14,769                 | 14,769                  |
| 205         | 0303131K               | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).                    | 17,579                 | 17,579                  |
| 207         | 0303136G               | KEY MANAGEMENT INFRASTRUCTURE (KMI) .....                                      | 31,737                 | 31,737                  |
| 208         | 0303140D8Z             | INFORMATION SYSTEMS SECURITY PROGRAM .....                                     | 7,940                  | 17,940                  |
|             |                        | Expand cyber scholarship program .....   |                        | [10,000]                |
| 209         | 0303140G               | INFORMATION SYSTEMS SECURITY PROGRAM .....                                     | 229,252                | 229,252                 |
| 210         | 0303140K               | INFORMATION SYSTEMS SECURITY PROGRAM .....                                     | 19,611                 | 19,611                  |
| 211         | 0303150K               | GLOBAL COMMAND AND CONTROL SYSTEM .....  | 46,900                 | 46,900                  |
| 212         | 0303153K               | DEFENSE SPECTRUM ORGANIZATION .....  | 7,570                  | 7,570                   |
| 213         | 0303228K               | JOINT INFORMATION ENVIRONMENT (JIE) .....                                      | 7,947                  | 7,947                   |
| 215         | 0303430K               | FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.                         | 39,400                 | 39,400                  |
| 224         | 0305186D8Z             | POLICY R&D PROGRAMS .....  | 6,262                  | 6,262                   |
| 225         | 0305199D8Z             | NET CENTRICITY .....   | 16,780                 | 16,780                  |
| 227         | 0305208BB              | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                                | 6,286                  | 6,286                   |
| 230         | 0305208K               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                                | 2,970                  | 2,970                   |
| 233         | 0305327V               | INSIDER THREAT .....   | 5,954                  | 5,954                   |
| 234         | 0305387D8Z             | HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....                             | 2,198                  | 2,198                   |
| 240         | 0307577D8Z             | INTELLIGENCE MISSION DATA (IMD) .....  | 6,889                  | 6,889                   |
| 242         | 0708012K               | LOGISTICS SUPPORT ACTIVITIES .....   | 1,317                  | 1,317                   |
| 243         | 0708012S               | PACIFIC DISASTER CENTERS .....   | 1,770                  | 1,770                   |
| 244         | 0708047S               | DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....                                   | 1,805                  | 1,805                   |
| 246         | 1105219BB              | MQ-9 UAV .....   | 18,403                 | 18,403                  |
| 248         | 1160403BB              | AVIATION SYSTEMS .....   | 184,993                | 179,993                 |
|             |                        | Realignment of funds .....   |                        | [-5,000]                |
| 249         | 1160405BB              | INTELLIGENCE SYSTEMS DEVELOPMENT .....   | 10,625                 | 10,625                  |
| 250         | 1160408BB              | OPERATIONAL ENHANCEMENTS .....   | 102,307                | 102,307                 |
| 251         | 1160431BB              | WARRIOR SYSTEMS .....  | 46,942                 | 46,942                  |
| 252         | 1160432BB              | SPECIAL PROGRAMS .....   | 2,479                  | 2,479                   |
| 253         | 1160434BB              | UNMANNED ISR .....   | 27,270                 | 27,270                  |
| 254         | 1160480BB              | SOF TACTICAL VEHICLES .....  | 1,121                  | 1,121                   |
| 255         | 1160483BB              | MARITIME SYSTEMS .....   | 42,471                 | 42,471                  |
| 256         | 1160489BB              | GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....                                     | 4,780                  | 4,780                   |
| 257         | 1160490BB              | OPERATIONAL ENHANCEMENTS INTELLIGENCE .....                                    | 12,176                 | 12,176                  |
| 258         | 1203610K               | TELEPORT PROGRAM .....   | 2,323                  | 2,323                   |
| 258A        | 999999999              | CLASSIFIED PROGRAMS .....  | 3,877,898              | 3,877,898               |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT</b> ....                            | <b>4,973,946</b>       | <b>4,978,946</b>        |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>                       | <b>22,016,553</b>      | <b>22,114,503</b>       |
|             |                        | <b>OPERATIONAL TEST &amp; EVAL, DEFENSE MANAGEMENT SUPPORT</b>                 |                        |                         |
| 001         | 0605118OTE             | OPERATIONAL TEST AND EVALUATION .....  | 85,685                 | 85,685                  |
| 002         | 0605131OTE             | LIVE FIRE TEST AND EVALUATION .....  | 64,332                 | 64,332                  |
| 003         | 0605814OTE             | OPERATIONAL TEST ACTIVITIES AND ANALYSES .....                                 | 70,992                 | 70,992                  |
|             |                        | <b>SUBTOTAL MANAGEMENT SUPPORT</b> .....                                       | <b>221,009</b>         | <b>221,009</b>          |
|             |                        | <b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE</b> .....                        | <b>221,009</b>         | <b>221,009</b>          |
|             |                        | <b>TOTAL RDT&amp;E</b> .....   | <b>91,056,950</b>      | <b>91,916,650</b>       |



1 **SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 2 **TION FOR OVERSEAS CONTINGENCY OPER-**  
 3 **ATIONS.**

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OP-**  
**ERATIONS**  
*(In Thousands of Dollars)*

| <i>Line</i>  | <i>Program Element</i> | <i>Item</i>   | <i>FY 2019 Request</i> | <i>House Authorized</i> |
|--|------------------------|---|------------------------|-------------------------|
| <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> |                        |   |                        |                         |
| 056  | 0603327A               | AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....               | 1,000                  | 0                       |
|  |                        | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>   |                        | <i>[-1,000]</i>         |
| 058  | 0603627A               | SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV .....         | 1,500                  | 1,500                   |
| 061  | 0603747A               | SOLDIER SUPPORT AND SURVIVABILITY .....                         | 3,000                  | 3,000                   |
| 076  | 0604117A               | MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....               | 23,000                 | 0                       |
|  |                        | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>   |                        | <i>[-23,000]</i>        |
|  |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> | <b>28,500</b>          | <b>4,500</b>            |
| <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>          |                        |   |                        |                         |
| 088  | 0604328A               | TRACTOR CAGE .....  | 12,000                 | 12,000                  |
| 100  | 0604741A               | AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.          | 119,300                | 119,300                 |
| 125  | 0605032A               | TRACTOR TIRE .....  | 66,760                 | 66,760                  |
| 128  | 0605035A               | COMMON INFRARED COUNTERMEASURES (CIRCM) .....                   | 2,670                  | 2,670                   |
| 136  | 0605051A               | AIRCRAFT SURVIVABILITY DEVELOPMENT .....                        | 34,933                 | 34,933                  |
| 147  | 0303032A               | TROJAN—RH12 .....   | 1,200                  | 1,200                   |
|  |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>          | <b>236,863</b>         | <b>236,863</b>          |
| <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>                 |                        |   |                        |                         |
| 184  | 0607131A               | WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS              | 2,548                  | 2,548                   |
| 185  | 0607133A               | TRACTOR SMOKE .....   | 7,780                  | 7,780                   |
| 206  | 0203801A               | MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....           | 2,000                  | 0                       |
|  |                        | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>   |                        | <i>[-2,000]</i>         |
| 209  | 0205402A               | INTEGRATED BASE DEFENSE—OPERATIONAL SYSTEM DEV .....            | 8,000                  | 8,000                   |
| 216  | 0303028A               | SECURITY AND INTELLIGENCE ACTIVITIES .....                      | 23,199                 | 23,199                  |
| 226  | 0305206A               | AIRBORNE RECONNAISSANCE SYSTEMS .....                           | 14,000                 | 0                       |
|  |                        | <i>Realignment of EDI APS Unit Set from OCO to Base .....</i>   |                        | <i>[-14,000]</i>        |
| 231  | 0307665A               | BIOMETRICS ENABLED INTELLIGENCE .....                           | 2,214                  | 2,214                   |
|  |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>                 | <b>59,741</b>          | <b>43,741</b>           |
|  |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>      | <b>325,104</b>         | <b>285,104</b>          |
| <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> |                        |   |                        |                         |
| 041  | 0603527N               | RETRACT LARCH .....   | 18,000                 | 18,000                  |
| 061  | 0603654N               | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....              | 13,900                 | 13,900                  |
| 074  | 0603795N               | LAND ATTACK TECHNOLOGY .....                                    | 1,400                  | 1,400                   |
|  |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> | <b>33,300</b>          | <b>33,300</b>           |
| <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>          |                        |   |                        |                         |
| 149  | 0604755N               | SHIP SELF DEFENSE (DETECT & CONTROL) .....                      | 1,100                  | 1,100                   |
|  |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>          | <b>1,100</b>           | <b>1,100</b>            |
| <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>                 |                        |   |                        |                         |
| 236  | 0206313M               | MARINE CORPS COMMUNICATIONS SYSTEMS .....                       | 16,130                 | 16,130                  |
| 268A   | 999999999              | CLASSIFIED PROGRAMS .....                                       | 117,282                | 117,282                 |
|  |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>                 | <b>133,412</b>         | <b>133,412</b>          |
|  |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>      | <b>167,812</b>         | <b>167,812</b>          |
| <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> |                        |   |                        |                         |
| 065  | 1206438F               | SPACE CONTROL TECHNOLOGY .....                                  | 1,100                  | 1,100                   |
| 070  | 1206857F               | OPERATIONALLY RESPONSIVE SPACE .....                            | 12,395                 | 12,395                  |
|  |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> | <b>13,495</b>          | <b>13,495</b>           |
| <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>                 |                        |   |                        |                         |
| 186  | 0205219F               | MQ-9 UAV .....  | 4,500                  | 4,500                   |
| 187  | 0205671F               | JOINT COUNTER RCIED ELECTRONIC WARFARE .....                    | 4,000                  | 4,000                   |
| 188  | 0207131F               | A-10 SQUADRONS .....  | 1,000                  | 1,000                   |

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| Line | Program Element | Item   | FY 2019 Request  | House Authorized |
|------|-----------------|--|------------------|------------------|
| 217  | 0207610F        | BATTLEFIELD ABN COMM NODE (BACN) .....                                       | 42,349           | 42,349           |
| 228  | 0208288F        | INTEL DATA APPLICATIONS .....  | 1,200            | 1,200            |
| 254  | 0305111F        | WEATHER SERVICE .....  | 3,000            | 3,000            |
| 268  | 0305202F        | DRAGON U-2 .....   | 22,100           | 22,100           |
| 272  | 0305208F        | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                              | 29,500           | 29,500           |
| 310  | 1202247F        | AF TENCAP .....  | 5,000            | 5,000            |
| 327A | 9999999999      | CLASSIFIED PROGRAMS .....  | 188,127          | 188,127          |
|      |                 | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>                        | <b>300,776</b>   | <b>300,776</b>   |
|      |                 | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>                     | <b>314,271</b>   | <b>314,271</b>   |
|      |                 | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>                                       |                  |                  |
| 024  | 0603122D8Z      | COMBATING TERRORISM TECHNOLOGY SUPPORT .....                                 | 25,000           | 25,000           |
| 026  | 0603134BR       | COUNTER IMPROVISED-THREAT SIMULATION .....                                   | 13,648           | 13,648           |
|      |                 | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...</b>                          | <b>38,648</b>    | <b>38,648</b>    |
|      |                 | <b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b>                         |                  |                  |
| 094  | 0604134BR       | COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING. | 242,668          | 242,668          |
|      |                 | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.</b>               | <b>242,668</b>   | <b>242,668</b>   |
|      |                 | <b>OPERATIONAL SYSTEM DEVELOPMENT</b>  |                  |                  |
| 250  | 1160408BB       | OPERATIONAL ENHANCEMENTS .....   | 3,632            | 3,632            |
| 251  | 1160431BB       | WARRIOR SYSTEMS .....  | 11,040           | 11,040           |
| 253  | 1160434BB       | UNMANNED ISR .....   | 11,700           | 11,700           |
| 254  | 1160480BB       | SOF TACTICAL VEHICLES .....  | 725              | 725              |
| 258A | 9999999999      | CLASSIFIED PROGRAMS .....  | 192,131          | 192,131          |
|      |                 | <b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT .....</b>                         | <b>219,228</b>   | <b>219,228</b>   |
|      |                 | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>                     | <b>500,544</b>   | <b>500,544</b>   |
|      |                 | <b>TOTAL RDT&amp;E .....</b>   | <b>1,307,731</b> | <b>1,267,731</b> |

1 **TITLE XLIII—OPERATION AND**  
2 **MAINTENANCE**

3 **SEC. 4301. OPERATION AND MAINTENANCE.**

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| Line | Item  | FY 2019 Request | House Authorized |
|------|---|-----------------|------------------|
|      | <b>OPERATION &amp; MAINTENANCE, ARMY</b>        |                 |                  |
|      | <b>OPERATING FORCES</b>                         |                 |                  |
| 010  | MANEUVER UNITS .....                            | 2,076,360       | 1,631,060        |
|      | Readiness restoration .....                     |                 | [9,400]          |
|      | Realign OCO requirements from Base to OCO ..... |                 | [-454,700]       |
| 020  | MODULAR SUPPORT BRIGADES .....                  | 107,946         | 109,746          |
|      | Readiness restoration .....                     |                 | [1,800]          |
| 030  | ECHELONS ABOVE BRIGADE .....                    | 732,485         | 588,515          |
|      | Readiness restoration .....                     |                 | [7,600]          |
|      | Realign OCO requirements from Base to OCO ..... |                 | [-151,570]       |
| 040  | THEATER LEVEL ASSETS .....                      | 1,169,508       | 945,308          |
|      | Readiness restoration .....                     |                 | [18,300]         |
|      | Realign OCO requirements from Base to OCO ..... |                 | [-242,500]       |
| 050  | LAND FORCES OPERATIONS SUPPORT .....            | 1,180,460       | 1,197,960        |
|      | Readiness restoration .....                     |                 | [17,500]         |
| 060  | AVIATION ASSETS .....                           | 1,467,500       | 1,485,300        |
|      | Readiness restoration .....                     |                 | [17,800]         |
| 070  | FORCE READINESS OPERATIONS SUPPORT .....        | 4,285,211       | 3,680,951        |
|      | Female personal protective equipment .....      |                 | [2,000]          |
|      | Realign OCO requirements from Base to OCO ..... |                 | [-606,260]       |
| 080  | LAND FORCES SYSTEMS READINESS .....             | 482,201         | 482,201          |
| 090  | LAND FORCES DEPOT MAINTENANCE .....             | 1,536,851       | 1,375,231        |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|--|------------------------|-------------------------|
|             | Readiness restoration .....  |                        | [111,200]               |
|             | Realign OCO requirements from Base to OCO .....  |                        | [-272,820]              |
| 100         | BASE OPERATIONS SUPPORT .....  | 8,274,299              | 7,668,039               |
|             | Realign OCO requirements from Base to OCO .....  |                        | [-606,260]              |
| 110         | FACILITIES SUSTAINMENT .....   | 3,516,859              | 2,497,978               |
|             | 85% Sustainment .....  |                        | [175,469]               |
|             | Capability Output Level 3 Funding .....  |                        | [25,000]                |
|             | Realignment of FSRM funds to new RM and Demo lines .....   |                        | [-1,219,350]            |
| 111         | FACILITIES RESTORATION & MODERNIZATION .....   |                        | 1,054,140               |
|             | Realignment of FSRM funds to new RM and Demo lines .....   |                        | [1,054,140]             |
| 112         | FACILITIES DEMOLITION .....  |                        | 215,210                 |
|             | Program increase .....   |                        | [50,000]                |
|             | Realignment of FSRM funds to new RM and Demo lines .....   |                        | [165,210]               |
| 120         | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....  | 438,733                | 438,733                 |
| 180         | US AFRICA COMMAND .....  | 231,518                | 231,518                 |
| 190         | US EUROPEAN COMMAND .....  | 150,268                | 150,268                 |
| 200         | US SOUTHERN COMMAND .....  | 195,964                | 195,964                 |
| 210         | US FORCES KOREA .....  | 59,625                 | 59,625                  |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>   | <b>25,905,788</b>      | <b>24,007,747</b>       |
|             | <b>MOBILIZATION</b>  |                        |                         |
| 220         | STRATEGIC MOBILITY .....   | 370,941                | 370,941                 |
| 230         | ARMY PREPOSITIONED STOCKS .....  | 573,560                | 732,313                 |
|             | Realignment of EDI APS Unit Set from OCO to Base .....   |                        | [158,753]               |
| 240         | INDUSTRIAL PREPAREDNESS .....  | 7,678                  | 7,678                   |
|             | <b>SUBTOTAL MOBILIZATION .....</b>   | <b>952,179</b>         | <b>1,110,932</b>        |
|             | <b>TRAINING AND RECRUITING</b>   |                        |                         |
| 250         | OFFICER ACQUISITION .....  | 135,832                | 135,832                 |
| 260         | RECRUIT TRAINING .....   | 54,819                 | 54,819                  |
| 270         | ONE STATION UNIT TRAINING .....  | 69,599                 | 69,599                  |
| 280         | SENIOR RESERVE OFFICERS TRAINING CORPS .....   | 518,998                | 518,998                 |
| 290         | SPECIALIZED SKILL TRAINING .....   | 1,020,073              | 1,020,073               |
| 300         | FLIGHT TRAINING .....  | 1,082,190              | 1,082,190               |
| 310         | PROFESSIONAL DEVELOPMENT EDUCATION .....   | 220,399                | 220,399                 |
| 320         | TRAINING SUPPORT .....   | 611,482                | 611,482                 |
| 330         | RECRUITING AND ADVERTISING .....   | 698,962                | 698,962                 |
| 340         | EXAMINING .....  | 162,049                | 162,049                 |
| 350         | OFF-DUTY AND VOLUNTARY EDUCATION .....   | 215,622                | 215,622                 |
| 360         | CIVILIAN EDUCATION AND TRAINING .....  | 176,914                | 176,914                 |
| 370         | JUNIOR RESERVE OFFICER TRAINING CORPS .....  | 174,430                | 174,430                 |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>  | <b>5,141,369</b>       | <b>5,141,369</b>        |
|             | <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>  |                        |                         |
| 390         | SERVICEWIDE TRANSPORTATION .....   | 588,047                | 436,447                 |
|             | Realign OCO requirements from Base to OCO .....  |                        | [-151,600]              |
| 400         | CENTRAL SUPPLY ACTIVITIES .....  | 931,462                | 931,462                 |
| 410         | LOGISTIC SUPPORT ACTIVITIES .....  | 696,114                | 696,114                 |
| 420         | AMMUNITION MANAGEMENT .....  | 461,637                | 461,637                 |
| 430         | ADMINISTRATION .....   | 447,564                | 447,564                 |
| 440         | SERVICEWIDE COMMUNICATIONS .....   | 2,069,127              | 2,069,127               |
| 450         | MANPOWER MANAGEMENT .....  | 261,021                | 261,021                 |
| 460         | OTHER PERSONNEL SUPPORT .....  | 379,541                | 379,541                 |
| 470         | OTHER SERVICE SUPPORT .....  | 1,699,767              | 1,699,767               |
| 480         | ARMY CLAIMS ACTIVITIES .....   | 192,686                | 192,686                 |
| 490         | REAL ESTATE MANAGEMENT .....   | 240,917                | 240,917                 |
| 500         | FINANCIAL MANAGEMENT AND AUDIT READINESS .....   | 291,569                | 291,569                 |
| 510         | INTERNATIONAL MILITARY HEADQUARTERS .....  | 442,656                | 442,656                 |
| 520         | MISC. SUPPORT OF OTHER NATIONS .....   | 48,251                 | 58,251                  |
|             | NATO Cooperative Cyber Defense Center of Excellence .....  |                        | [5,000]                 |
|             | NATO Strategic Communications Center of Excellence .....   |                        | [5,000]                 |
| 565         | CLASSIFIED PROGRAMS .....  | 1,259,622              | 1,259,622               |
|             | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>   | <b>10,009,981</b>      | <b>9,868,381</b>        |
|             | <b>UNDISTRIBUTED</b>   |                        |                         |
| 570         | UNDISTRIBUTED .....  |                        | -894,500                |
|             | Foreign Currency adjustments .....   |                        | [-210,300]              |
|             | Historical unobligated balances .....  |                        | [-694,200]              |
|             | Simulators and other technologies to reduce the use of live animal tissue for medical training ..... |                        | [10,000]                |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
|             | <b>SUBTOTAL UNDISTRIBUTED .....</b>                             |                        | <b>-894,500</b>         |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY ..</b>               | <b>42,009,317</b>      | <b>39,233,929</b>       |
|             | <b>OPERATION &amp; MAINTENANCE, ARMY RES</b>                    |                        |                         |
|             | <b>OPERATING FORCES</b>   |                        |                         |
| 010         | MODULAR SUPPORT BRIGADES .....                                  | 13,867                 | 13,867                  |
| 020         | ECHELONS ABOVE BRIGADE .....                                    | 536,438                | 536,438                 |
| 030         | THEATER LEVEL ASSETS .....                                      | 113,225                | 113,225                 |
| 040         | LAND FORCES OPERATIONS SUPPORT .....                            | 551,141                | 551,141                 |
| 050         | AVIATION ASSETS .....   | 89,073                 | 89,073                  |
| 060         | FORCE READINESS OPERATIONS SUPPORT .....                        | 409,531                | 409,531                 |
| 070         | LAND FORCES SYSTEMS READINESS .....                             | 101,411                | 101,411                 |
| 080         | LAND FORCES DEPOT MAINTENANCE .....                             | 60,114                 | 60,114                  |
| 090         | BASE OPERATIONS SUPPORT .....                                   | 595,728                | 595,728                 |
| 100         | FACILITIES SUSTAINMENT .....                                    | 304,658                | 263,065                 |
|             | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[-71,593]</i>        |
|             | <i>Sustainment recovery .....</i>                               |                        | <i>[30,000]</i>         |
| 101         | FACILITIES RESTORATION & MODERNIZATION .....                    |                        | 49,176                  |
|             | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[49,176]</i>         |
| 102         | FACILITIES DEMOLITION .....                                     |                        | 22,417                  |
|             | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[22,417]</i>         |
| 110         | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....                   | 22,175                 | 22,175                  |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                          | <b>2,797,361</b>       | <b>2,827,361</b>        |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                             |                        |                         |
| 120         | SERVICEWIDE TRANSPORTATION .....                                | 11,832                 | 11,832                  |
| 130         | ADMINISTRATION .....  | 18,218                 | 18,218                  |
| 140         | SERVICEWIDE COMMUNICATIONS .....                                | 25,069                 | 25,069                  |
| 150         | MANPOWER MANAGEMENT .....                                       | 6,248                  | 6,248                   |
| 160         | RECRUITING AND ADVERTISING .....                                | 58,181                 | 58,181                  |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>              | <b>119,548</b>         | <b>119,548</b>          |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b>        | <b>2,916,909</b>       | <b>2,946,909</b>        |
|             | <b>OPERATION &amp; MAINTENANCE, ARNG</b>                        |                        |                         |
|             | <b>OPERATING FORCES</b>   |                        |                         |
| 010         | MANEUVER UNITS .....  | 810,269                | 810,269                 |
| 020         | MODULAR SUPPORT BRIGADES .....                                  | 193,402                | 193,402                 |
| 030         | ECHELONS ABOVE BRIGADE .....                                    | 753,815                | 753,815                 |
| 040         | THEATER LEVEL ASSETS .....                                      | 84,124                 | 84,124                  |
| 050         | LAND FORCES OPERATIONS SUPPORT .....                            | 31,881                 | 31,881                  |
| 060         | AVIATION ASSETS .....   | 973,874                | 973,874                 |
| 070         | FORCE READINESS OPERATIONS SUPPORT .....                        | 784,086                | 784,086                 |
| 080         | LAND FORCES SYSTEMS READINESS .....                             | 51,353                 | 51,353                  |
| 090         | LAND FORCES DEPOT MAINTENANCE .....                             | 221,633                | 221,633                 |
| 100         | BASE OPERATIONS SUPPORT .....                                   | 1,129,942              | 1,129,942               |
| 110         | FACILITIES SUSTAINMENT .....                                    | 919,947                | 888,760                 |
|             | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[-101,187]</i>       |
|             | <i>Sustainment recovery .....</i>                               |                        | <i>[70,000]</i>         |
| 111         | FACILITIES RESTORATION & MODERNIZATION .....                    |                        | 85,859                  |
|             | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[85,859]</i>         |
| 112         | FACILITIES DEMOLITION .....                                     |                        | 15,328                  |
|             | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[15,328]</i>         |
| 120         | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....                   | 1,010,524              | 1,010,524               |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                          | <b>6,964,850</b>       | <b>7,034,850</b>        |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                             |                        |                         |
| 130         | SERVICEWIDE TRANSPORTATION .....                                | 10,017                 | 10,017                  |
| 140         | ADMINISTRATION .....  | 72,746                 | 72,746                  |
| 150         | SERVICEWIDE COMMUNICATIONS .....                                | 83,105                 | 83,105                  |
| 160         | MANPOWER MANAGEMENT .....                                       | 10,678                 | 10,678                  |
| 170         | OTHER PERSONNEL SUPPORT .....                                   | 254,753                | 254,753                 |
| 180         | REAL ESTATE MANAGEMENT .....                                    | 3,146                  | 3,146                   |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>              | <b>434,445</b>         | <b>434,445</b>          |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ARNG ..</b>               | <b>7,399,295</b>       | <b>7,469,295</b>        |
|             | <b>OPERATION &amp; MAINTENANCE, NAVY</b>                        |                        |                         |

**SEC. 4301. OPERATION AND MAINTENANCE**  
**(In Thousands of Dollars)**

| <b>Line</b>                    | <b>Item</b>   | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|--------------------------------|---|----------------------------|-----------------------------|
| <b>OPERATING FORCES</b>        |   |                            |                             |
| 010                            | MISSION AND OTHER FLIGHT OPERATIONS .....                               | 5,372,399                  | 5,372,399                   |
| 020                            | FLEET AIR TRAINING .....  | 2,023,351                  | 2,014,593                   |
|                                | <i>Advanced skills management .....</i>                                 |                            | <i>[-8,758]</i>             |
| 030                            | AVIATION TECHNICAL DATA & ENGINEERING SERVICES ....                     | 56,225                     | 56,225                      |
| 040                            | AIR OPERATIONS AND SAFETY SUPPORT .....                                 | 156,081                    | 156,081                     |
| 050                            | AIR SYSTEMS SUPPORT .....   | 682,379                    | 682,379                     |
| 060                            | AIRCRAFT DEPOT MAINTENANCE .....  | 1,253,756                  | 1,291,156                   |
|                                | <i>Readiness restoration .....</i>                                      |                            | <i>[37,400]</i>             |
| 070                            | AIRCRAFT DEPOT OPERATIONS SUPPORT .....                                 | 66,649                     | 66,649                      |
| 080                            | AVIATION LOGISTICS .....  | 939,368                    | 945,768                     |
|                                | <i>Readiness restoration .....</i>                                      |                            | <i>[6,400]</i>              |
| 090                            | MISSION AND OTHER SHIP OPERATIONS .....                                 | 4,439,566                  | 4,439,566                   |
| 100                            | SHIP OPERATIONS SUPPORT & TRAINING .....                                | 997,663                    | 997,663                     |
| 110                            | SHIP DEPOT MAINTENANCE .....  | 8,751,526                  | 8,900,126                   |
|                                | <i>Readiness restoration .....</i>                                      |                            | <i>[116,600]</i>            |
|                                | <i>Western Pacific Dry Dock capability .....</i>                        |                            | <i>[32,000]</i>             |
| 120                            | SHIP DEPOT OPERATIONS SUPPORT .....                                     | 2,168,876                  | 2,168,876                   |
| 130                            | COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE ...                        | 1,349,593                  | 1,349,593                   |
| 150                            | SPACE SYSTEMS AND SURVEILLANCE .....                                    | 215,255                    | 215,255                     |
| 160                            | WARFARE TACTICS .....   | 632,446                    | 632,446                     |
| 170                            | OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....                          | 373,046                    | 373,046                     |
| 180                            | COMBAT SUPPORT FORCES .....   | 1,452,075                  | 1,452,075                   |
| 190                            | EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUP-<br>PORT .....           | 153,719                    | 153,719                     |
| 210                            | COMBATANT COMMANDERS CORE OPERATIONS .....                              | 63,039                     | 63,039                      |
| 220                            | COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....                       | 89,339                     | 89,339                      |
| 230                            | MILITARY INFORMATION SUPPORT OPERATIONS .....                           | 8,475                      | 8,475                       |
| 240                            | CYBERSPACE ACTIVITIES .....   | 424,088                    | 424,088                     |
| 260                            | FLEET BALLISTIC MISSILE .....   | 1,361,947                  | 1,361,947                   |
| 280                            | WEAPONS MAINTENANCE .....   | 823,952                    | 819,452                     |
|                                | <i>Insufficient budget justification for submarine acoustic systems</i> |                            | <i>[-4,500]</i>             |
| 290                            | OTHER WEAPON SYSTEMS SUPPORT .....                                      | 494,101                    | 494,101                     |
| 300                            | ENTERPRISE INFORMATION .....  | 921,936                    | 921,936                     |
| 310                            | FACILITIES SUSTAINMENT .....  | 2,040,389                  | 1,712,222                   |
|                                | <i>85% Sustainment .....</i>  |                            | <i>[101,000]</i>            |
|                                | <i>Capability Output Level 3 Funding .....</i>                          |                            | <i>[20,000]</i>             |
|                                | <i>Project oversight (Unjustified Growth) .....</i>                     |                            | <i>[-85,420]</i>            |
|                                | <i>Realignment of FSRM funds to new RM and Demo lines .....</i>         |                            | <i>[-363,747]</i>           |
| 311                            | FACILITIES RESTORATION & MODERNIZATION .....                            |                            | 243,745                     |
|                                | <i>Realignment of FSRM funds to new RM and Demo lines .....</i>         |                            | <i>[243,745]</i>            |
| 312                            | FACILITIES DEMOLITION .....   |                            | 160,002                     |
|                                | <i>Program increase .....</i>   |                            | <i>[40,000]</i>             |
|                                | <i>Realignment of FSRM funds to new RM and Demo lines .....</i>         |                            | <i>[120,002]</i>            |
| 320                            | BASE OPERATING SUPPORT .....  | 4,414,753                  | 4,414,753                   |
|                                | <b>SUBTOTAL OPERATING FORCES .....</b>                                  | <b>41,725,992</b>          | <b>41,980,714</b>           |
| <b>MOBILIZATION</b>            |   |                            |                             |
| 330                            | SHIP PREPOSITIONING AND SURGE .....                                     | 549,142                    | 400,545                     |
|                                | <i>Realign DoD Mobilization Alternation to NDSF .....</i>               |                            | <i>[-20,858]</i>            |
|                                | <i>Realign LG Med Spd RO/RO Maintenance to NDSF .....</i>               |                            | <i>[-127,739]</i>           |
| 340                            | READY RESERVE FORCE .....   | 310,805                    | 0                           |
|                                | <i>Realign Ready Reserve Forces to NDSF .....</i>                       |                            | <i>[-310,805]</i>           |
| 360                            | SHIP ACTIVATIONS/INACTIVATIONS .....                                    | 161,150                    | 161,150                     |
| 370                            | EXPEDITIONARY HEALTH SERVICES SYSTEMS .....                             | 120,338                    | 47,988                      |
|                                | <i>Realign T-AH Maintenance to NDSF .....</i>                           |                            | <i>[-72,350]</i>            |
| 390                            | COAST GUARD SUPPORT .....   | 24,097                     | 24,097                      |
|                                | <b>SUBTOTAL MOBILIZATION .....</b>                                      | <b>1,165,532</b>           | <b>633,780</b>              |
| <b>TRAINING AND RECRUITING</b> |   |                            |                             |
| 400                            | OFFICER ACQUISITION .....   | 145,481                    | 145,481                     |
| 410                            | RECRUIT TRAINING .....  | 9,637                      | 9,637                       |
| 420                            | RESERVE OFFICERS TRAINING CORPS .....                                   | 149,687                    | 149,687                     |
| 430                            | SPECIALIZED SKILL TRAINING .....  | 879,557                    | 879,557                     |
| 450                            | PROFESSIONAL DEVELOPMENT EDUCATION .....                                | 184,436                    | 186,136                     |
|                                | <i>Naval Sea Cadets .....</i>   |                            | <i>[1,700]</i>              |
| 460                            | TRAINING SUPPORT .....  | 223,159                    | 223,159                     |
| 470                            | RECRUITING AND ADVERTISING .....  | 181,086                    | 181,086                     |
| 480                            | OFF-DUTY AND VOLUNTARY EDUCATION .....                                  | 96,006                     | 96,006                      |
| 490                            | CIVILIAN EDUCATION AND TRAINING .....                                   | 72,083                     | 72,083                      |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|--|------------------------|-------------------------|
| 500         | JUNIOR ROTC .....  | 54,156                 | 54,156                  |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>  | <b>1,995,288</b>       | <b>1,996,988</b>        |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>  |                        |                         |
| 510         | ADMINISTRATION .....   | 1,089,964              | 1,089,964               |
| 530         | CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....                                     | 164,074                | 164,074                 |
| 540         | MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....                                     | 418,350                | 418,350                 |
| 580         | SERVICEWIDE TRANSPORTATION .....   | 167,106                | 167,106                 |
| 600         | PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....                                     | 333,556                | 333,556                 |
| 610         | ACQUISITION, LOGISTICS, AND OVERSIGHT .....  | 663,690                | 663,690                 |
| 650         | INVESTIGATIVE AND SECURITY SERVICES .....  | 705,087                | 705,087                 |
| 765         | CLASSIFIED PROGRAMS .....  | 574,994                | 574,994                 |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>                                   | <b>4,116,821</b>       | <b>4,116,821</b>        |
|             | <b>UNDISTRIBUTED</b>   |                        |                         |
| 770         | UNDISTRIBUTED .....  |                        | -398,100                |
|             | Foreign Currency adjustments .....   |                        | [-55,100]               |
|             | Historical unobligated balances .....  |                        | [-343,000]              |
|             | <b>SUBTOTAL UNDISTRIBUTED .....</b>  |                        | <b>-398,100</b>         |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY ..</b>                                    | <b>49,003,633</b>      | <b>48,330,203</b>       |
|             | <b>OPERATION &amp; MAINTENANCE, MARINE CORPS OPERATING FORCES</b>                    |                        |                         |
| 010         | OPERATIONAL FORCES .....   | 873,320                | 885,720                 |
|             | Additional parts & spares to support intermediate & organizational maintenance ..... |                        | [8,200]                 |
|             | Additional training requirements .....   |                        | [4,200]                 |
| 020         | FIELD LOGISTICS .....  | 1,094,187              | 1,094,187               |
| 030         | DEPOT MAINTENANCE .....  | 314,182                | 341,082                 |
|             | Readiness restoration .....  |                        | [26,900]                |
| 040         | MARITIME PREPOSITIONING .....  | 98,136                 | 98,136                  |
| 050         | CYBERSPACE ACTIVITIES .....  | 183,546                | 183,546                 |
| 060         | FACILITIES SUSTAINMENT .....   | 832,636                | 746,354                 |
|             | 85% Sustainment .....  |                        | [42,400]                |
|             | Capability Output Level 3 Funding .....  |                        | [10,000]                |
|             | Realignment of FSRM funds to new RM and Demo lines .....                             |                        | [-138,682]              |
| 061         | FACILITIES RESTORATION & MODERNIZATION .....   |                        | 61,469                  |
|             | Realignment of FSRM funds to new RM and Demo lines .....                             |                        | [61,469]                |
| 062         | FACILITIES DEMOLITION .....  |                        | 107,213                 |
|             | Program increase .....   |                        | [30,000]                |
|             | Realignment of FSRM funds to new RM and Demo lines .....                             |                        | [77,213]                |
| 070         | BASE OPERATING SUPPORT .....   | 2,151,390              | 2,151,390               |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>   | <b>5,547,397</b>       | <b>5,669,097</b>        |
|             | <b>TRAINING AND RECRUITING</b>   |                        |                         |
| 080         | RECRUIT TRAINING .....   | 16,453                 | 16,453                  |
| 090         | OFFICER ACQUISITION .....  | 1,144                  | 1,144                   |
| 100         | SPECIALIZED SKILL TRAINING .....   | 106,360                | 106,360                 |
| 110         | PROFESSIONAL DEVELOPMENT EDUCATION .....   | 46,096                 | 46,096                  |
| 120         | TRAINING SUPPORT .....   | 389,751                | 389,751                 |
| 130         | RECRUITING AND ADVERTISING .....   | 201,662                | 201,662                 |
| 140         | OFF-DUTY AND VOLUNTARY EDUCATION .....   | 32,461                 | 32,461                  |
| 150         | JUNIOR ROTC .....  | 24,217                 | 24,217                  |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>  | <b>818,144</b>         | <b>818,144</b>          |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>  |                        |                         |
| 160         | SERVICEWIDE TRANSPORTATION .....   | 29,735                 | 29,735                  |
| 170         | ADMINISTRATION .....   | 386,375                | 386,375                 |
| 225         | CLASSIFIED PROGRAMS .....  | 50,859                 | 50,859                  |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>                                   | <b>466,969</b>         | <b>466,969</b>          |
|             | <b>UNDISTRIBUTED</b>   |                        |                         |
| 230         | UNDISTRIBUTED .....  |                        | -43,600                 |
|             | Foreign Currency adjustments .....   |                        | [-13,600]               |
|             | Historical unobligated balances .....  |                        | [-30,000]               |
|             | <b>SUBTOTAL UNDISTRIBUTED .....</b>  |                        | <b>-43,600</b>          |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>                         | <b>6,832,510</b>       | <b>6,910,610</b>        |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <b>Line</b>                                    | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|--|---|------------------------|-------------------------|
| <b>OPERATION &amp; MAINTENANCE, NAVY RES</b>   |   |                        |                         |
| <b>OPERATING FORCES</b>                        |   |                        |                         |
| 010  | MISSION AND OTHER FLIGHT OPERATIONS .....                       | 569,584                | 569,584                 |
| 020  | INTERMEDIATE MAINTENANCE .....                                  | 6,902                  | 6,902                   |
| 030  | AIRCRAFT DEPOT MAINTENANCE .....                                | 109,776                | 109,776                 |
| 040  | AIRCRAFT DEPOT OPERATIONS SUPPORT .....                         | 538                    | 538                     |
| 050  | AVIATION LOGISTICS .....  | 18,888                 | 18,888                  |
| 060  | SHIP OPERATIONS SUPPORT & TRAINING .....                        | 574                    | 574                     |
| 070  | COMBAT COMMUNICATIONS .....                                     | 17,561                 | 17,561                  |
| 080  | COMBAT SUPPORT FORCES .....                                     | 121,070                | 121,070                 |
| 090  | CYBERSPACE ACTIVITIES .....                                     | 337                    | 337                     |
| 100  | ENTERPRISE INFORMATION .....                                    | 23,964                 | 23,964                  |
| 110  | FACILITIES SUSTAINMENT .....                                    | 36,356                 | 41,151                  |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[-5,205]</i>         |
|  | <i>Sustainment recovery .....</i>                               |                        | <i>[10,000]</i>         |
| 111  | FACILITIES RESTORATION & MODERNIZATION .....                    |                        | 3,205                   |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[3,205]</i>          |
| 112  | FACILITIES DEMOLITION .....                                     |                        | 2,000                   |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[2,000]</i>          |
| 120  | BASE OPERATING SUPPORT .....                                    | 103,562                | 103,562                 |
|  | <b>SUBTOTAL OPERATING FORCES .....</b>                          | <b>1,009,112</b>       | <b>1,019,112</b>        |
| <b>ADMIN &amp; SRVWD ACTIVITIES</b>            |   |                        |                         |
| 130  | ADMINISTRATION .....  | 1,868                  | 1,868                   |
| 140  | MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....                | 12,849                 | 12,849                  |
| 160  | ACQUISITION AND PROGRAM MANAGEMENT .....                        | 3,177                  | 3,177                   |
|  | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>              | <b>17,894</b>          | <b>17,894</b>           |
|  | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES .....</b>        | <b>1,027,006</b>       | <b>1,037,006</b>        |
| <b>OPERATION &amp; MAINTENANCE, MC RESERVE</b> |   |                        |                         |
| <b>OPERATING FORCES</b>                        |   |                        |                         |
| 010  | OPERATING FORCES .....  | 99,173                 | 107,873                 |
|  | <i>Additional training requirements .....</i>                   |                        | <i>[8,700]</i>          |
| 020  | DEPOT MAINTENANCE .....   | 19,430                 | 19,430                  |
| 030  | FACILITIES SUSTAINMENT .....                                    | 39,962                 | 25,666                  |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[-22,296]</i>        |
|  | <i>Sustainment recovery .....</i>                               |                        | <i>[8,000]</i>          |
| 031  | FACILITIES RESTORATION & MODERNIZATION .....                    |                        | 22,296                  |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[22,296]</i>         |
| 040  | BASE OPERATING SUPPORT .....                                    | 101,829                | 101,829                 |
|  | <b>SUBTOTAL OPERATING FORCES .....</b>                          | <b>260,394</b>         | <b>277,094</b>          |
| <b>ADMIN &amp; SRVWD ACTIVITIES</b>            |   |                        |                         |
| 050  | ADMINISTRATION .....  | 11,176                 | 11,176                  |
|  | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>              | <b>11,176</b>          | <b>11,176</b>           |
|  | <b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE .....</b>      | <b>271,570</b>         | <b>288,270</b>          |
| <b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>  |   |                        |                         |
| <b>OPERATING FORCES</b>                        |   |                        |                         |
| 010  | PRIMARY COMBAT FORCES .....                                     | 758,178                | 758,178                 |
| 020  | COMBAT ENHANCEMENT FORCES .....                                 | 1,509,027              | 1,509,027               |
| 030  | AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....            | 1,323,330              | 1,323,330               |
| 040  | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                      | 3,511,830              | 3,596,330               |
|  | <i>Readiness restoration .....</i>                              |                        | <i>[46,500]</i>         |
|  | <i>Restoration of U-2 Tail #80-1099 .....</i>                   |                        | <i>[38,000]</i>         |
| 050  | FACILITIES SUSTAINMENT .....                                    | 2,892,705              | 2,621,824               |
|  | <i>85% Sustainment .....</i>                                    |                        | <i>[152,000]</i>        |
|  | <i>Capability Output Level 3 Funding .....</i>                  |                        | <i>[23,000]</i>         |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[-445,881]</i>       |
| 051  | FACILITIES RESTORATION & MODERNIZATION .....                    |                        | 420,861                 |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[420,861]</i>        |
| 052  | FACILITIES DEMOLITION .....                                     |                        | 67,020                  |
|  | <i>Program increase .....</i>                                   |                        | <i>[42,000]</i>         |
|  | <i>Realignment of FSRM funds to new RM and Demo lines .....</i> |                        | <i>[25,020]</i>         |
| 060  | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....           | 7,613,084              | 7,687,884               |

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(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
|             | Readiness restoration .....                                     |                        | [74,800]                |
| 070         | FLYING HOUR PROGRAM .....                                       | 4,345,208              | 4,345,208               |
| 080         | BASE SUPPORT .....  | 5,989,215              | 5,989,215               |
| 090         | GLOBAL C3I AND EARLY WARNING .....                              | 928,023                | 928,023                 |
| 100         | OTHER COMBAT OPS SPT PROGRAMS .....                             | 1,080,956              | 1,080,956               |
| 110         | CYBERSPACE ACTIVITIES .....                                     | 879,032                | 879,032                 |
| 130         | LAUNCH FACILITIES .....   | 183,777                | 183,777                 |
| 140         | SPACE CONTROL SYSTEMS .....                                     | 404,072                | 404,072                 |
| 170         | US NORTHCOM/NORAD .....   | 187,375                | 187,375                 |
| 180         | US STRATCOM .....   | 529,902                | 529,902                 |
| 190         | US CYBERCOM .....   | 329,474                | 329,474                 |
| 200         | US CENTCOM .....  | 166,024                | 166,024                 |
| 210         | US SOCOM .....  | 723                    | 723                     |
| 220         | US TRANSCOM .....   | 535                    | 535                     |
| 225         | CLASSIFIED PROGRAMS .....                                       | 1,164,810              | 1,164,810               |
|             | <b>SUBTOTAL OPERATING FORCES</b> .....                          | <b>33,797,280</b>      | <b>34,173,580</b>       |
|             | <b>MOBILIZATION</b>   |                        |                         |
| 230         | AIRLIFT OPERATIONS .....  | 1,307,695              | 1,307,695               |
| 240         | MOBILIZATION PREPAREDNESS .....                                 | 144,417                | 144,417                 |
|             | <b>SUBTOTAL MOBILIZATION</b> .....                              | <b>1,452,112</b>       | <b>1,452,112</b>        |
|             | <b>TRAINING AND RECRUITING</b>                                  |                        |                         |
| 280         | OFFICER ACQUISITION .....                                       | 133,187                | 133,187                 |
| 290         | RECRUIT TRAINING .....  | 25,041                 | 25,041                  |
| 300         | RESERVE OFFICERS TRAINING CORPS (ROTC) .....                    | 117,338                | 117,338                 |
| 330         | SPECIALIZED SKILL TRAINING .....                                | 401,996                | 401,996                 |
| 340         | FLIGHT TRAINING .....   | 477,064                | 477,064                 |
| 350         | PROFESSIONAL DEVELOPMENT EDUCATION .....                        | 276,423                | 276,423                 |
| 360         | TRAINING SUPPORT .....  | 95,948                 | 95,948                  |
| 380         | RECRUITING AND ADVERTISING .....                                | 154,530                | 154,530                 |
| 390         | EXAMINING .....   | 4,132                  | 4,132                   |
| 400         | OFF-DUTY AND VOLUNTARY EDUCATION .....                          | 223,150                | 223,150                 |
| 410         | CIVILIAN EDUCATION AND TRAINING .....                           | 209,497                | 209,497                 |
| 420         | JUNIOR ROTC .....   | 59,908                 | 59,908                  |
|             | <b>SUBTOTAL TRAINING AND RECRUITING</b> .....                   | <b>2,178,214</b>       | <b>2,178,214</b>        |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                             |                        |                         |
| 430         | LOGISTICS OPERATIONS .....                                      | 681,788                | 681,788                 |
| 440         | TECHNICAL SUPPORT ACTIVITIES .....                              | 117,812                | 117,812                 |
| 480         | ADMINISTRATION .....  | 953,102                | 953,102                 |
| 490         | SERVICEWIDE COMMUNICATIONS .....                                | 358,389                | 358,389                 |
| 500         | OTHER SERVICEWIDE ACTIVITIES .....                              | 1,194,862              | 1,194,862               |
| 510         | CIVIL AIR PATROL .....  | 29,594                 | 29,594                  |
| 540         | INTERNATIONAL SUPPORT .....                                     | 74,959                 | 74,959                  |
| 545         | CLASSIFIED PROGRAMS .....                                       | 1,222,456              | 1,222,456               |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....              | <b>4,632,962</b>       | <b>4,632,962</b>        |
|             | <b>UNDISTRIBUTED</b>  |                        |                         |
| 550         | UNDISTRIBUTED .....   |                        | -455,200                |
|             | Foreign Currency adjustments .....                              |                        | [-104,500]              |
|             | Historical unobligated balances .....                           |                        | [-350,700]              |
|             | <b>SUBTOTAL UNDISTRIBUTED</b> .....                             |                        | <b>-455,200</b>         |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b> .....       | <b>42,060,568</b>      | <b>41,981,668</b>       |
|             | <b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b> |                        |                         |
| 010         | PRIMARY COMBAT FORCES .....                                     | 1,853,437              | 1,853,437               |
| 020         | MISSION SUPPORT OPERATIONS .....                                | 205,369                | 205,369                 |
| 030         | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                      | 345,576                | 347,476                 |
|             | Readiness restoration .....                                     |                        | [1,900]                 |
| 040         | FACILITIES SUSTAINMENT .....                                    | 120,736                | 123,103                 |
|             | Realignment of FSRM funds to new RM and Demo lines .....        |                        | [-27,633]               |
|             | Sustainment recovery .....                                      |                        | [30,000]                |
| 041         | FACILITIES RESTORATION & MODERNIZATION .....                    |                        | 27,633                  |
|             | Realignment of FSRM funds to new RM and Demo lines .....        |                        | [27,633]                |
| 050         | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....           | 241,239                | 259,939                 |
|             | Readiness restoration .....                                     |                        | [18,700]                |



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| <b>Line</b> | <b>Item</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|--|------------------------|-------------------------|
| 060         | BASE SUPPORT .....   | 385,922                | 385,922                 |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                           | <b>3,152,279</b>       | <b>3,202,879</b>        |
|             | <b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>                 |                        |                         |
| 070         | ADMINISTRATION .....   | 71,188                 | 71,188                  |
| 080         | RECRUITING AND ADVERTISING .....                                 | 19,429                 | 19,429                  |
| 090         | MILITARY MANPOWER AND PERS MGMT (ARPC) .....                     | 9,386                  | 9,386                   |
| 100         | OTHER PERS SUPPORT (DISABILITY COMP) .....                       | 7,512                  | 7,512                   |
| 110         | AUDIOVISUAL .....  | 440                    | 440                     |
|             | <b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES .....</b>  | <b>107,955</b>         | <b>107,955</b>          |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, AF RE-SERVE .....</b>      | <b>3,260,234</b>       | <b>3,310,834</b>        |
|             | <b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>         |                        |                         |
| 010         | AIRCRAFT OPERATIONS .....  | 2,619,940              | 2,619,940               |
| 020         | MISSION SUPPORT OPERATIONS .....                                 | 623,265                | 623,265                 |
| 030         | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                       | 748,287                | 748,287                 |
| 040         | FACILITIES SUSTAINMENT .....                                     | 303,792                | 289,700                 |
|             | Realignment of FSRM funds to new RM and Demo lines .....         |                        | [-34,092]               |
|             | Sustainment recovery .....                                       |                        | [20,000]                |
| 041         | FACILITIES RESTORATION & MODERNIZATION .....                     |                        | 31,696                  |
|             | Realignment of FSRM funds to new RM and Demo lines .....         |                        | [31,696]                |
| 042         | FACILITIES DEMOLITION .....                                      |                        | 2,396                   |
|             | Realignment of FSRM funds to new RM and Demo lines .....         |                        | [2,396]                 |
| 050         | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....            | 1,061,759              | 1,064,759               |
|             | Readiness restoration .....                                      |                        | [3,000]                 |
| 060         | BASE SUPPORT .....   | 988,333                | 989,233                 |
|             | Readiness restoration .....                                      |                        | [900]                   |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                           | <b>6,345,376</b>       | <b>6,369,276</b>        |
|             | <b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>                |                        |                         |
| 070         | ADMINISTRATION .....   | 45,711                 | 45,711                  |
| 080         | RECRUITING AND ADVERTISING .....                                 | 36,535                 | 36,535                  |
|             | <b>SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES .....</b> | <b>82,246</b>          | <b>82,246</b>           |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ANG .....</b>              | <b>6,427,622</b>       | <b>6,451,522</b>        |
|             | <b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>  |                        |                         |
| 010         | JOINT CHIEFS OF STAFF .....                                      | 430,215                | 430,215                 |
| 020         | JOINT CHIEFS OF STAFF—CE2T2 .....                                | 602,186                | 602,186                 |
| 040         | SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....                | 5,389,250              | 5,215,250               |
|             | Civilian pay ahead of need .....                                 |                        | [-10,700]               |
|             | Communications .....   |                        | [-20,000]               |
|             | DCGS-SOF .....   |                        | [-10,000]               |
|             | MC-12 ahead of need .....  |                        | [-33,300]               |
|             | Program decrease .....   |                        | [-100,000]              |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                           | <b>6,421,651</b>       | <b>6,247,651</b>        |
|             | <b>TRAINING AND RECRUITING</b>                                   |                        |                         |
| 050         | DEFENSE ACQUISITION UNIVERSITY .....                             | 181,601                | 172,501                 |
|             | Efficiencies within the 4th estate .....                         |                        | [-9,100]                |
| 060         | JOINT CHIEFS OF STAFF .....                                      | 96,565                 | 96,565                  |
| 070         | SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUITING .....         | 370,583                | 370,583                 |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                    | <b>648,749</b>         | <b>639,649</b>          |
|             | <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>                            |                        |                         |
| 080         | CIVIL MILITARY PROGRAMS .....                                    | 166,131                | 186,131                 |
|             | STARBASE .....   |                        | [20,000]                |
| 100         | DEFENSE CONTRACT AUDIT AGENCY .....                              | 625,633                | 594,333                 |
|             | Efficiencies within the 4th estate .....                         |                        | [-31,300]               |
| 110         | DEFENSE CONTRACT MANAGEMENT AGENCY .....                         | 1,465,354              | 1,392,054               |
|             | Efficiencies within the 4th estate .....                         |                        | [-73,300]               |
| 120         | DEFENSE HUMAN RESOURCES ACTIVITY .....                           | 859,923                | 816,923                 |
|             | Efficiencies within the 4th estate .....                         |                        | [-43,000]               |

**SEC. 4301. OPERATION AND MAINTENANCE**  
**(In Thousands of Dollars)**

| <b>Line</b> | <b>Item</b>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|-------------|---|------------------------|-------------------------|
| 130         | DEFENSE INFORMATION SYSTEMS AGENCY .....  | 2,106,930              | 2,001,630               |
|             | Efficiencies within the 4th estate .....  |                        | [-105,300]              |
| 150         | DEFENSE LEGAL SERVICES AGENCY .....   | 27,403                 | 26,003                  |
|             | Efficiencies within the 4th estate .....  |                        | [-1,400]                |
| 160         | DEFENSE LOGISTICS AGENCY .....  | 379,275                | 385,750                 |
|             | Efficiencies within the 4th estate .....  |                        | [-19,000]               |
|             | Program increase for the Procurement Technical Assistance Program (PTAP) .....                                      |                        | [25,475]                |
| 170         | DEFENSE MEDIA ACTIVITY .....  | 207,537                | 197,137                 |
|             | Efficiencies within the 4th estate .....  |                        | [-10,400]               |
| 180         | DEFENSE PERSONNEL ACCOUNTING AGENCY .....   | 130,696                | 130,696                 |
| 190         | DEFENSE SECURITY COOPERATION AGENCY .....   | 754,711                | 754,711                 |
| 200         | DEFENSE SECURITY SERVICE .....  | 789,175                | 789,175                 |
| 220         | DEFENSE TECHNOLOGY SECURITY ADMINISTRATION .....  | 34,951                 | 33,251                  |
|             | Efficiencies within the 4th estate .....  |                        | [-1,700]                |
| 230         | DEFENSE THREAT REDUCTION AGENCY .....   | 553,329                | 553,329                 |
| 250         | DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....  | 2,892,284              | 2,942,284               |
|             | Impact Aid .....  |                        | [40,000]                |
|             | Impact Aid for Children with Severe Disabilities .....  |                        | [10,000]                |
| 260         | MISSILE DEFENSE AGENCY .....  | 499,817                | 499,817                 |
| 280         | OFFICE OF ECONOMIC ADJUSTMENT .....   | 70,035                 | 166,535                 |
|             | Defense Community Infrastructure Program .....  |                        | [100,000]               |
|             | Efficiencies within the 4th estate .....  |                        | [-3,500]                |
| 290         | OFFICE OF THE SECRETARY OF DEFENSE .....  | 1,519,655              | 1,530,655               |
|             | CDC PFOS/PFOA Health Study Increment .....  |                        | [7,000]                 |
|             | Contract support for ACCM oversight as directed by Sec. 1062 of FY17 NDAA .....                                     |                        | [5,000]                 |
|             | Efficiencies within the 4th estate .....  |                        | [-76,000]               |
|             | Establish Artificial Intelligence commission .....  |                        | [10,000]                |
|             | Funds to support the Global Engagement Center .....   |                        | [60,000]                |
|             | Initial capital for Department of Defense World War II Commemoration Fund .....                                     |                        | [2,000]                 |
|             | Training of qualified personnel to join the staff of the Boards of Corrections for Military and Naval Records ..... |                        | [3,000]                 |
| 300         | SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE ACTIVITIES .....  | 97,787                 | 97,787                  |
| 310         | WASHINGTON HEADQUARTERS SERVICES .....  | 456,407                | 387,907                 |
|             | Efficiencies within the 4th estate .....  |                        | [-68,500]               |
| 315         | CLASSIFIED PROGRAMS .....   | 15,645,192             | 15,645,192              |
|             | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....  | <b>29,282,225</b>      | <b>29,131,300</b>       |
|             | <b>UNDISTRIBUTED</b>  |                        |                         |
| 320         | UNDISTRIBUTED .....   |                        | -411,800                |
|             | Foreign Currency adjustments .....  |                        | [-26,400]               |
|             | Historical unobligated balances .....   |                        | [-385,400]              |
|             | <b>SUBTOTAL UNDISTRIBUTED</b> .....   |                        | <b>-411,800</b>         |
|             | <b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....  | <b>36,352,625</b>      | <b>35,606,800</b>       |
|             | <b>US COURT OF APPEALS FOR ARMED FORCES, DEF ADMINISTRATION AND ASSOCIATED ACTIVITIES</b>                           |                        |                         |
| 010         | US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE .....   | 14,662                 | 14,662                  |
|             | <b>SUBTOTAL ADMINISTRATION AND ASSOCIATED ACTIVITIES</b> .....  | <b>14,662</b>          | <b>14,662</b>           |
|             | <b>TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEF</b> .....  | <b>14,662</b>          | <b>14,662</b>           |
|             | <b>DOD ACQUISITION WORKFORCE DEVELOPMENT FUND</b>   |                        |                         |
|             | <b>ACQUISITION WORKFORCE DEVELOPMENT</b>  |                        |                         |
| 010         | ACQ WORKFORCE DEV FD .....  | 400,000                | 400,000                 |
|             | <b>SUBTOTAL ACQUISITION WORKFORCE DEVELOPMENT</b> .....   | <b>400,000</b>         | <b>400,000</b>          |
|             | <b>TOTAL DOD ACQUISITION WORKFORCE DEVELOPMENT FUND</b> .....   | <b>400,000</b>         | <b>400,000</b>          |

| <b>SEC. 4301. OPERATION AND MAINTENANCE</b><br><i>(In Thousands of Dollars)</i> |   |                            |                             |
|---|---|----------------------------|-----------------------------|
| <b>Line</b>   | <b>Item</b>   | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|   | <b>OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID</b>                       |                            |                             |
|   | <b>HUMANITARIAN ASSISTANCE</b>  |                            |                             |
| 010   | OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID .....                         | 107,663                    | 107,663                     |
|   | <b>SUBTOTAL HUMANITARIAN ASSISTANCE .....</b>                               | <b>107,663</b>             | <b>107,663</b>              |
|   | <b>TOTAL OVERSEAS HUMANITARIAN, DIS-<br/>ASTER, AND CIVIC AID .....</b>     | <b>107,663</b>             | <b>107,663</b>              |
|   | <b>COOPERATIVE THREAT REDUCTION ACCOUNT</b>                                 |                            |                             |
|   | <b>FSU THREAT REDUCTION</b>   |                            |                             |
| 010   | FORMER SOVIET UNION (FSU) THREAT REDUCTION .....                            | 335,240                    | 335,240                     |
|   | <b>SUBTOTAL FSU THREAT REDUCTION .....</b>                                  | <b>335,240</b>             | <b>335,240</b>              |
|   | <b>TOTAL COOPERATIVE THREAT REDUCTION<br/>ACCOUNT .....</b>                 | <b>335,240</b>             | <b>335,240</b>              |
|   | <b>ENVIRONMENTAL RESTORATION, ARMY<br/>DEPARTMENT OF THE ARMY</b>           |                            |                             |
| 060   | ENVIRONMENTAL RESTORATION, ARMY .....                                       | 203,449                    | 213,449                     |
|   | PFOS/PFOA remediation increase .....  |                            | [10,000]                    |
|   | <b>SUBTOTAL DEPARTMENT OF THE ARMY .....</b>                                | <b>203,449</b>             | <b>213,449</b>              |
|   | <b>TOTAL ENVIRONMENTAL RESTORATION,<br/>ARMY .....</b>                      | <b>203,449</b>             | <b>213,449</b>              |
|   | <b>ENVIRONMENTAL RESTORATION, NAVY<br/>DEPARTMENT OF THE NAVY</b>           |                            |                             |
| 080   | ENVIRONMENTAL RESTORATION, NAVY .....                                       | 329,253                    | 339,253                     |
|   | PFOS/PFOA remediation increase .....  |                            | [10,000]                    |
|   | <b>SUBTOTAL DEPARTMENT OF THE NAVY .....</b>                                | <b>329,253</b>             | <b>339,253</b>              |
|   | <b>TOTAL ENVIRONMENTAL RESTORATION,<br/>NAVY .....</b>                      | <b>329,253</b>             | <b>339,253</b>              |
|   | <b>ENVIRONMENTAL RESTORATION, AIR FORCE<br/>DEPARTMENT OF THE AIR FORCE</b> |                            |                             |
| 100   | ENVIRONMENTAL RESTORATION, AIR FORCE .....                                  | 296,808                    | 346,808                     |
|   | PFOS/PFOA remediation increase .....  |                            | [50,000]                    |
|   | <b>SUBTOTAL DEPARTMENT OF THE AIR FORCE ...</b>                             | <b>296,808</b>             | <b>346,808</b>              |
|   | <b>TOTAL ENVIRONMENTAL RESTORATION, AIR<br/>FORCE .....</b>                 | <b>296,808</b>             | <b>346,808</b>              |
|   | <b>ENVIRONMENTAL RESTORATION, DEFENSE<br/>DEFENSE-WIDE</b>                  |                            |                             |
| 120   | ENVIRONMENTAL RESTORATION, DEFENSE .....                                    | 8,926                      | 8,926                       |
|   | <b>SUBTOTAL DEFENSE-WIDE .....</b>  | <b>8,926</b>               | <b>8,926</b>                |
|   | <b>TOTAL ENVIRONMENTAL RESTORATION, DE-<br/>FENSE .....</b>                 | <b>8,926</b>               | <b>8,926</b>                |
|   | <b>ENVIRONMENTAL RESTORATION FORMERLY<br/>USED SITES<br/>DEFENSE-WIDE</b>   |                            |                             |
| 140   | ENVIRONMENTAL RESTORATION FORMERLY USED SITES ..                            | 212,346                    | 212,346                     |
|   | <b>SUBTOTAL DEFENSE-WIDE .....</b>  | <b>212,346</b>             | <b>212,346</b>              |
|   | <b>TOTAL ENVIRONMENTAL RESTORATION<br/>FORMERLY USED SITES .....</b>        | <b>212,346</b>             | <b>212,346</b>              |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE .....</b>                              | <b>199,469,636</b>         | <b>195,545,393</b>          |

1 **SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**

2 **CONTINGENCY OPERATIONS.**

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| Line   | Item  | FY 2019<br>Request | House<br>Authorized |
|--|---|--------------------|---------------------|
| <b>OPERATION &amp; MAINTENANCE, ARMY</b>     |   |                    |                     |
| <b>OPERATING FORCES</b>                      |   |                    |                     |
| 010  | MANEUVER UNITS .....  | 1,179,339          | 1,634,039           |
|  | <i>Realign OCO requirements from Base to OCO</i> .....                  |                    | [454,700]           |
| 030  | ECHELONS ABOVE BRIGADE .....  | 25,983             | 177,553             |
|  | <i>Realign OCO requirements from Base to OCO</i> .....                  |                    | [151,570]           |
| 040  | THEATER LEVEL ASSETS .....  | 2,189,916          | 2,432,416           |
|  | <i>Realign OCO requirements from Base to OCO</i> .....                  |                    | [242,500]           |
| 050  | LAND FORCES OPERATIONS SUPPORT .....                                    | 188,609            | 188,609             |
| 060  | AVIATION ASSETS .....   | 120,787            | 120,787             |
| 070  | FORCE READINESS OPERATIONS SUPPORT .....                                | 3,867,286          | 4,473,546           |
|  | <i>Realign OCO requirements from Base to OCO</i> .....                  |                    | [606,260]           |
| 080  | LAND FORCES SYSTEMS READINESS .....                                     | 550,068            | 550,068             |
| 090  | LAND FORCES DEPOT MAINTENANCE .....                                     | 195,873            | 468,693             |
|  | <i>Realign OCO requirements from Base to OCO</i> .....                  |                    | [272,820]           |
| 100  | BASE OPERATIONS SUPPORT .....   | 109,560            | 715,820             |
|  | <i>Realign OCO requirements from Base to OCO</i> .....                  |                    | [606,260]           |
| 110  | FACILITIES SUSTAINMENT .....  | 60,807             | 60,807              |
| 140  | ADDITIONAL ACTIVITIES .....   | 5,992,222          | 5,992,222           |
| 150  | COMMANDERS EMERGENCY RESPONSE PROGRAM .....                             | 10,000             | 10,000              |
| 160  | RESET .....   | 1,036,454          | 1,036,454           |
| 180  | US AFRICA COMMAND .....   | 248,796            | 263,796             |
|  | <i>Contract personnel recovery/casualty evacuation in AFRICOM</i> ..... |                    | [15,000]            |
| 190  | US EUROPEAN COMMAND .....   | 98,127             | 98,127              |
| 200  | US SOUTHERN COMMAND .....   | 2,550              | 2,550               |
|  | <b>SUBTOTAL OPERATING FORCES</b> .....                                  | <b>15,876,377</b>  | <b>18,225,487</b>   |
| <b>MOBILIZATION</b>                          |   |                    |                     |
| 230  | ARMY PREPOSITIONED STOCKS .....   | 158,753            | 0                   |
|  | <i>Realignment of EDI APS Unit Set from OCO to Base</i> .....           |                    | [-158,753]          |
|  | <b>SUBTOTAL MOBILIZATION</b> .....                                      | <b>158,753</b>     | <b>0</b>            |
| <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>        |   |                    |                     |
| 390  | SERVICEWIDE TRANSPORTATION .....  | 712,230            | 863,830             |
|  | <i>Realign OCO requirements from Base to OCO</i> .....                  |                    | [151,600]           |
| 400  | CENTRAL SUPPLY ACTIVITIES .....   | 44,168             | 44,168              |
| 410  | LOGISTIC SUPPORT ACTIVITIES .....                                       | 5,300              | 5,300               |
| 420  | AMMUNITION MANAGEMENT .....   | 38,597             | 38,597              |
| 460  | OTHER PERSONNEL SUPPORT .....   | 109,019            | 109,019             |
| 490  | REAL ESTATE MANAGEMENT .....  | 191,786            | 191,786             |
| 565  | CLASSIFIED PROGRAMS .....   | 1,074,270          | 1,074,270           |
|  | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....                    | <b>2,175,370</b>   | <b>2,326,970</b>    |
| <b>UNDISTRIBUTED</b>                         |   |                    |                     |
| 570  | UNDISTRIBUTED .....   |                    | -27,900             |
|  | <i>Historical unobligated balances</i> .....                            |                    | [-27,900]           |
|  | <b>SUBTOTAL UNDISTRIBUTED</b> .....                                     |                    | <b>-27,900</b>      |
|  | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY</b> .....                    | <b>18,210,500</b>  | <b>20,524,557</b>   |
| <b>OPERATION &amp; MAINTENANCE, ARMY RES</b> |   |                    |                     |
| <b>OPERATING FORCES</b>                      |   |                    |                     |
| 020  | ECHELONS ABOVE BRIGADE .....  | 20,700             | 20,700              |
| 060  | FORCE READINESS OPERATIONS SUPPORT .....                                | 700                | 700                 |
| 090  | BASE OPERATIONS SUPPORT .....   | 20,487             | 20,487              |
|  | <b>SUBTOTAL OPERATING FORCES</b> .....                                  | <b>41,887</b>      | <b>41,887</b>       |
|  | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES</b> ...                  | <b>41,887</b>      | <b>41,887</b>       |
| <b>OPERATION &amp; MAINTENANCE, ARNG</b>     |   |                    |                     |
| <b>OPERATING FORCES</b>                      |   |                    |                     |
| 010  | MANEUVER UNITS .....  | 42,519             | 42,519              |
| 020  | MODULAR SUPPORT BRIGADES .....  | 778                | 778                 |
| 030  | ECHELONS ABOVE BRIGADE .....  | 12,093             | 12,093              |
| 040  | THEATER LEVEL ASSETS .....  | 708                | 708                 |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>  | <i>FY 2019<br/>Request</i> | <i>House<br/>Authorized</i> |
|-------------|--|----------------------------|-----------------------------|
| 060         | AVIATION ASSETS .....  | 28,135                     | 28,135                      |
| 070         | FORCE READINESS OPERATIONS SUPPORT .....                           | 5,908                      | 5,908                       |
| 100         | BASE OPERATIONS SUPPORT .....                                      | 18,877                     | 18,877                      |
| 120         | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....                      | 956                        | 956                         |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                             | <b>109,974</b>             | <b>109,974</b>              |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                                |                            |                             |
| 150         | SERVICEWIDE COMMUNICATIONS .....                                   | 755                        | 755                         |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>                 | <b>755</b>                 | <b>755</b>                  |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>               | <b>110,729</b>             | <b>110,729</b>              |
|             | <b>AFGHAN NATIONAL ARMY</b>  |                            |                             |
| 090         | SUSTAINMENT .....  | 1,522,777                  | 1,522,777                   |
| 100         | INFRASTRUCTURE .....   | 137,732                    | 137,732                     |
| 110         | EQUIPMENT AND TRANSPORTATION .....                                 | 71,922                     | 71,922                      |
| 120         | TRAINING AND OPERATIONS .....                                      | 175,846                    | 175,846                     |
|             | <b>SUBTOTAL AFGHAN NATIONAL ARMY .....</b>                         | <b>1,908,277</b>           | <b>1,908,277</b>            |
|             | <b>AFGHAN NATIONAL POLICE</b>                                      |                            |                             |
| 130         | SUSTAINMENT .....  | 527,554                    | 527,554                     |
| 140         | INFRASTRUCTURE .....   | 42,984                     | 42,984                      |
| 150         | EQUIPMENT AND TRANSPORTATION .....                                 | 14,554                     | 14,554                      |
| 160         | TRAINING AND OPERATIONS .....                                      | 181,922                    | 181,922                     |
|             | <b>SUBTOTAL AFGHAN NATIONAL POLICE .....</b>                       | <b>767,014</b>             | <b>767,014</b>              |
|             | <b>AFGHAN AIR FORCE</b>  |                            |                             |
| 170         | SUSTAINMENT .....  | 942,279                    | 942,279                     |
| 180         | INFRASTRUCTURE .....   | 30,350                     | 30,350                      |
| 190         | EQUIPMENT AND TRANSPORTATION .....                                 | 572,310                    | 572,310                     |
| 200         | TRAINING AND OPERATIONS .....                                      | 277,191                    | 277,191                     |
|             | <b>SUBTOTAL AFGHAN AIR FORCE .....</b>                             | <b>1,822,130</b>           | <b>1,822,130</b>            |
|             | <b>AFGHAN SPECIAL SECURITY FORCES</b>                              |                            |                             |
| 210         | SUSTAINMENT .....  | 353,734                    | 353,734                     |
| 220         | INFRASTRUCTURE .....   | 43,132                     | 43,132                      |
| 230         | EQUIPMENT AND TRANSPORTATION .....                                 | 151,790                    | 151,790                     |
| 240         | TRAINING AND OPERATIONS .....                                      | 153,373                    | 153,373                     |
|             | <b>SUBTOTAL AFGHAN SPECIAL SECURITY FORCES .....</b>               | <b>702,029</b>             | <b>702,029</b>              |
|             | <b>TOTAL AFGHANISTAN SECURITY FORCES FUND .....</b>                | <b>5,199,450</b>           | <b>5,199,450</b>            |
|             | <b>COUNTER-ISIS TRAIN AND EQUIP FUND</b>                           |                            |                             |
|             | <b>COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)</b>                    |                            |                             |
| 010         | IRAQ .....   | 850,000                    | 850,000                     |
| 020         | SYRIA .....  | 300,000                    | 300,000                     |
| 030         | OTHER .....  | 250,000                    | 250,000                     |
|             | <b>SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND<br/>(CTEF) .....</b> | <b>1,400,000</b>           | <b>1,400,000</b>            |
|             | <b>TOTAL COUNTER-ISIS TRAIN AND EQUIP FUND .....</b>               | <b>1,400,000</b>           | <b>1,400,000</b>            |
|             | <b>OPERATION &amp; MAINTENANCE, NAVY</b>                           |                            |                             |
|             | <b>OPERATING FORCES</b>  |                            |                             |
| 010         | MISSION AND OTHER FLIGHT OPERATIONS .....                          | 435,507                    | 435,507                     |
| 030         | AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....               | 800                        | 800                         |
| 040         | AIR OPERATIONS AND SAFETY SUPPORT .....                            | 9,394                      | 9,394                       |
| 050         | AIR SYSTEMS SUPPORT .....  | 193,384                    | 193,384                     |
| 060         | AIRCRAFT DEPOT MAINTENANCE .....                                   | 173,053                    | 173,053                     |
| 070         | AIRCRAFT DEPOT OPERATIONS SUPPORT .....                            | 3,524                      | 3,524                       |
| 080         | AVIATION LOGISTICS .....   | 60,219                     | 60,219                      |
| 090         | MISSION AND OTHER SHIP OPERATIONS .....                            | 942,960                    | 942,960                     |
| 100         | SHIP OPERATIONS SUPPORT & TRAINING .....                           | 20,236                     | 20,236                      |
| 110         | SHIP DEPOT MAINTENANCE .....                                       | 1,022,647                  | 1,022,647                   |
| 130         | COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....                 | 59,553                     | 59,553                      |
| 160         | WARFARE TACTICS .....  | 16,651                     | 16,651                      |
| 170         | OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....                     | 31,118                     | 31,118                      |
| 180         | COMBAT SUPPORT FORCES .....  | 635,560                    | 635,560                     |
| 190         | EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....           | 4,334                      | 4,334                       |
| 220         | COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....                  | 24,800                     | 24,800                      |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>  | <i>FY 2019<br/>Request</i> | <i>House<br/>Authorized</i> |
|-------------|--|----------------------------|-----------------------------|
| 240         | CYBERSPACE ACTIVITIES .....                                      | 355                        | 355                         |
| 280         | WEAPONS MAINTENANCE .....  | 493,033                    | 493,033                     |
| 290         | OTHER WEAPON SYSTEMS SUPPORT .....                               | 12,780                     | 12,780                      |
| 310         | FACILITIES SUSTAINMENT .....                                     | 67,321                     | 67,321                      |
| 320         | BASE OPERATING SUPPORT .....                                     | 211,394                    | 211,394                     |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                           | <b>4,418,623</b>           | <b>4,418,623</b>            |
|             | <b>MOBILIZATION</b>  |                            |                             |
| 370         | EXPEDITIONARY HEALTH SERVICES SYSTEMS .....                      | 12,902                     | 12,902                      |
| 390         | COAST GUARD SUPPORT .....  | 165,000                    | 165,000                     |
|             | <b>SUBTOTAL MOBILIZATION .....</b>                               | <b>177,902</b>             | <b>177,902</b>              |
|             | <b>TRAINING AND RECRUITING</b>                                   |                            |                             |
| 430         | SPECIALIZED SKILL TRAINING .....                                 | 51,138                     | 51,138                      |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                    | <b>51,138</b>              | <b>51,138</b>               |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                              |                            |                             |
| 510         | ADMINISTRATION .....   | 4,145                      | 4,145                       |
| 540         | MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....                 | 7,503                      | 7,503                       |
| 580         | SERVICEWIDE TRANSPORTATION .....                                 | 69,297                     | 69,297                      |
| 610         | ACQUISITION, LOGISTICS, AND OVERSIGHT .....                      | 10,912                     | 10,912                      |
| 650         | INVESTIGATIVE AND SECURITY SERVICES .....                        | 1,559                      | 1,559                       |
| 765         | CLASSIFIED PROGRAMS .....  | 16,076                     | 16,076                      |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>               | <b>109,492</b>             | <b>109,492</b>              |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>             | <b>4,757,155</b>           | <b>4,757,155</b>            |
|             | <b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>                 |                            |                             |
|             | <b>OPERATING FORCES</b>  |                            |                             |
| 010         | OPERATIONAL FORCES .....   | 734,505                    | 734,505                     |
| 020         | FIELD LOGISTICS .....  | 212,691                    | 212,691                     |
| 030         | DEPOT MAINTENANCE .....  | 53,040                     | 53,040                      |
| 070         | BASE OPERATING SUPPORT .....                                     | 23,047                     | 23,047                      |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                           | <b>1,023,283</b>           | <b>1,023,283</b>            |
|             | <b>TRAINING AND RECRUITING</b>                                   |                            |                             |
| 120         | TRAINING SUPPORT .....   | 30,459                     | 30,459                      |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                    | <b>30,459</b>              | <b>30,459</b>               |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                              |                            |                             |
| 160         | SERVICEWIDE TRANSPORTATION .....                                 | 61,400                     | 61,400                      |
| 170         | ADMINISTRATION .....   | 2,108                      | 2,108                       |
| 225         | CLASSIFIED PROGRAMS .....  | 4,650                      | 4,650                       |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>               | <b>68,158</b>              | <b>68,158</b>               |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, MARINE<br/>CORPS .....</b> | <b>1,121,900</b>           | <b>1,121,900</b>            |
|             | <b>OPERATION &amp; MAINTENANCE, NAVY RES</b>                     |                            |                             |
|             | <b>OPERATING FORCES</b>  |                            |                             |
| 020         | INTERMEDIATE MAINTENANCE .....                                   | 500                        | 500                         |
| 030         | AIRCRAFT DEPOT MAINTENANCE .....                                 | 11,400                     | 11,400                      |
| 080         | COMBAT SUPPORT FORCES .....                                      | 13,737                     | 13,737                      |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                           | <b>25,637</b>              | <b>25,637</b>               |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES ...</b>           | <b>25,637</b>              | <b>25,637</b>               |
|             | <b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>                   |                            |                             |
|             | <b>OPERATING FORCES</b>  |                            |                             |
| 010         | OPERATING FORCES .....   | 2,550                      | 2,550                       |
| 040         | BASE OPERATING SUPPORT .....                                     | 795                        | 795                         |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                           | <b>3,345</b>               | <b>3,345</b>                |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, MC RE-<br/>SERVE .....</b> | <b>3,345</b>               | <b>3,345</b>                |
|             | <b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>                    |                            |                             |
|             | <b>OPERATING FORCES</b>  |                            |                             |
| 010         | PRIMARY COMBAT FORCES .....                                      | 166,274                    | 166,274                     |
| 020         | COMBAT ENHANCEMENT FORCES .....                                  | 1,492,580                  | 1,492,580                   |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>   | <i>FY 2019<br/>Request</i> | <i>House<br/>Authorized</i> |
|-------------|---|----------------------------|-----------------------------|
| 030         | AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....                | 110,237                    | 110,237                     |
| 040         | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                          | 209,996                    | 209,996                     |
| 050         | FACILITIES SUSTAINMENT .....  | 92,412                     | 92,412                      |
| 060         | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....               | 1,289,693                  | 1,289,693                   |
| 070         | FLYING HOUR PROGRAM .....   | 2,355,264                  | 2,355,264                   |
| 080         | BASE SUPPORT .....  | 1,141,718                  | 1,141,718                   |
| 090         | GLOBAL C3I AND EARLY WARNING .....                                  | 13,537                     | 13,537                      |
| 100         | OTHER COMBAT OPS SPT PROGRAMS .....                                 | 224,713                    | 224,713                     |
| 110         | CYBERSPACE ACTIVITIES .....   | 17,353                     | 17,353                      |
| 120         | TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES .....                   | 36,098                     | 36,098                      |
| 130         | LAUNCH FACILITIES .....   | 385                        | 385                         |
| 140         | SPACE CONTROL SYSTEMS .....   | 38,966                     | 38,966                      |
| 170         | US NORTHCOM/NORAD .....   | 725                        | 725                         |
| 180         | US STRATCOM .....   | 2,056                      | 2,056                       |
| 190         | US CYBERCOM .....   | 35,189                     | 35,189                      |
| 200         | US CENTCOM .....  | 162,691                    | 162,691                     |
| 210         | US SOCOM .....  | 19,000                     | 19,000                      |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                              | <b>7,408,887</b>           | <b>7,408,887</b>            |
|             | <b>MOBILIZATION</b>   |                            |                             |
| 230         | AIRLIFT OPERATIONS .....  | 1,287,659                  | 1,287,659                   |
| 240         | MOBILIZATION PREPAREDNESS .....                                     | 107,064                    | 107,064                     |
|             | <b>SUBTOTAL MOBILIZATION .....</b>                                  | <b>1,394,723</b>           | <b>1,394,723</b>            |
|             | <b>TRAINING AND RECRUITING</b>                                      |                            |                             |
| 280         | OFFICER ACQUISITION .....   | 300                        | 300                         |
| 290         | RECRUIT TRAINING .....  | 340                        | 340                         |
| 330         | SPECIALIZED SKILL TRAINING .....                                    | 25,327                     | 25,327                      |
| 340         | FLIGHT TRAINING .....   | 844                        | 844                         |
| 350         | PROFESSIONAL DEVELOPMENT EDUCATION .....                            | 1,199                      | 1,199                       |
| 360         | TRAINING SUPPORT .....  | 1,320                      | 1,320                       |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                       | <b>29,330</b>              | <b>29,330</b>               |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                                 |                            |                             |
| 430         | LOGISTICS OPERATIONS .....  | 154,485                    | 154,485                     |
| 440         | TECHNICAL SUPPORT ACTIVITIES .....                                  | 13,608                     | 13,608                      |
| 480         | ADMINISTRATION .....  | 4,814                      | 4,814                       |
| 490         | SERVICEWIDE COMMUNICATIONS .....                                    | 131,123                    | 131,123                     |
| 500         | OTHER SERVICEWIDE ACTIVITIES .....                                  | 97,471                     | 97,471                      |
| 540         | INTERNATIONAL SUPPORT .....   | 240                        | 240                         |
| 545         | CLASSIFIED PROGRAMS .....   | 51,108                     | 51,108                      |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>                  | <b>452,849</b>             | <b>452,849</b>              |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b>                 | <b>9,285,789</b>           | <b>9,285,789</b>            |
|             | <b>OPERATION &amp; MAINTENANCE, AF RESERVE<br/>OPERATING FORCES</b> |                            |                             |
| 030         | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                          | 51,000                     | 51,000                      |
| 060         | BASE SUPPORT .....  | 9,500                      | 9,500                       |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                              | <b>60,500</b>              | <b>60,500</b>               |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, AF RE-<br/>SERVE .....</b>    | <b>60,500</b>              | <b>60,500</b>               |
|             | <b>OPERATION &amp; MAINTENANCE, ANG<br/>OPERATING FORCES</b>        |                            |                             |
| 020         | MISSION SUPPORT OPERATIONS .....                                    | 3,560                      | 3,560                       |
| 060         | BASE SUPPORT .....  | 12,310                     | 12,310                      |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                              | <b>15,870</b>              | <b>15,870</b>               |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ANG .....</b>                 | <b>15,870</b>              | <b>15,870</b>               |
|             | <b>OPERATION AND MAINTENANCE, DEFENSE-WIDE<br/>OPERATING FORCES</b> |                            |                             |
| 010         | JOINT CHIEFS OF STAFF .....   | 28,671                     | 28,671                      |
| 040         | SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....                   | 3,733,161                  | 3,733,161                   |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                              | <b>3,761,832</b>           | <b>3,761,832</b>            |
|             | <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>                               |                            |                             |
| 100         | DEFENSE CONTRACT AUDIT AGENCY .....                                 | 1,781                      | 1,781                       |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>   | <i>FY 2019<br/>Request</i> | <i>House<br/>Authorized</i> |
|-------------|---|----------------------------|-----------------------------|
| 110         | DEFENSE CONTRACT MANAGEMENT AGENCY .....                                    | 21,723                     | 21,723                      |
| 130         | DEFENSE INFORMATION SYSTEMS AGENCY .....                                    | 111,702                    | 111,702                     |
| 150         | DEFENSE LEGAL SERVICES AGENCY .....   | 127,023                    | 127,023                     |
| 170         | DEFENSE MEDIA ACTIVITY .....  | 14,377                     | 14,377                      |
| 190         | DEFENSE SECURITY COOPERATION AGENCY .....                                   | 2,208,442                  | 2,008,442                   |
|             | <i>Transfer of funds to Ukraine Security Assistance fund .....</i>          |                            | <i>[-200,000]</i>           |
| 230         | DEFENSE THREAT REDUCTION AGENCY .....                                       | 302,250                    | 302,250                     |
| 250         | DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....                              | 31,620                     | 31,620                      |
| 290         | OFFICE OF THE SECRETARY OF DEFENSE .....                                    | 16,579                     | 16,579                      |
| 310         | WASHINGTON HEADQUARTERS SERVICES .....                                      | 7,766                      | 7,766                       |
| 315         | CLASSIFIED PROGRAMS .....   | 1,944,813                  | 1,944,813                   |
|             | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>                        | <b>4,788,076</b>           | <b>4,588,076</b>            |
|             | <b>TOTAL OPERATION AND MAINTENANCE, DE-<br/>FENSE-WIDE .....</b>            | <b>8,549,908</b>           | <b>8,349,908</b>            |
|             | <b>UKRAINE SECURITY ASSISTANCE</b>  |                            |                             |
| 010         | UKRAINE SECURITY ASSISTANCE .....   |                            | 250,000                     |
|             | <i>Program increase for defensive lethal assistance .....</i>               |                            | <i>[50,000]</i>             |
|             | <i>Transfer of funds from the Defense Security Cooperation Agency .....</i> |                            | <i>[200,000]</i>            |
|             | <b>SUBTOTAL UKRAINE SECURITY ASSISTANCE .....</b>                           |                            | <b>250,000</b>              |
|             | <b>TOTAL UKRAINE SECURITY ASSISTANCE .....</b>                              |                            | <b>250,000</b>              |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE .....</b>                              | <b>48,782,670</b>          | <b>51,146,727</b>           |

1 **TITLE XLIV—MILITARY**  
2 **PERSONNEL**  
3 **SEC. 4401. MILITARY PERSONNEL.**

**SEC. 4401. MILITARY PERSONNEL**  
(In Thousands of Dollars)

| <i>Item</i>  | <i>FY 2019<br/>Request</i> | <i>House<br/>Authorized</i> |
|--|----------------------------|-----------------------------|
| <b>Military Personnel Appropriations .....</b>   | <b>140,689,301</b>         | <b>139,988,801</b>          |
| <i>Control Grade Increase .....</i>  |                            | <i>[7,000]</i>              |
| <i>Foreign Currency adjustments .....</i>  |                            | <i>[-218,000]</i>           |
| <i>Historical unobligated balance .....</i>  |                            | <i>[-761,500]</i>           |
| <i>Permanently reverse BAH reduction for Military Hous-<br/>    ing Privatization Initiative .....</i> |                            | <i>[275,000]</i>            |
| <i>Program decrease .....</i>  |                            | <i>[-3,000]</i>             |
| <b>Medicare-Eligible Retiree Health Fund Contribu-<br/>    tions .....</b>                             | <b>7,533,090</b>           | <b>7,533,090</b>            |
| <b>Total, Military Personnel .....</b>   | <b>148,222,391</b>         | <b>147,521,891</b>          |

4 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**  
5 **GENCY OPERATIONS.**

**SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Item</i>                                    | <i>FY 2019<br/>Request</i> | <i>House<br/>Authorized</i> |
|--|----------------------------|-----------------------------|
| <b>Military Personnel Appropriations .....</b> | <b>4,660,661</b>           | <b>4,660,661</b>            |



1 **TITLE XLV—OTHER**  
 2 **AUTHORIZATIONS**

3 **SEC. 4501. OTHER AUTHORIZATIONS.**

| <b>SEC. 4501. OTHER AUTHORIZATIONS</b><br>(In Thousands of Dollars)       |                            |                             |
|---|----------------------------|-----------------------------|
| <b>Item</b>   | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
| <b>WORKING CAPITAL FUND, ARMY</b>   |                            |                             |
| ARMY ARSENALS INITIATIVE .....  | 59,002                     | 59,002                      |
| ARMY SUPPLY MANAGEMENT .....  | 99,763                     | 99,763                      |
| <b>TOTAL WORKING CAPITAL FUND, ARMY .....</b>                             | <b>158,765</b>             | <b>158,765</b>              |
| <b>WORKING CAPITAL FUND, AIR FORCE</b>                                    |                            |                             |
| WORKING CAPITAL FUND .....  | 69,054                     | 69,054                      |
| <b>TOTAL WORKING CAPITAL FUND, AIR FORCE ..</b>                           | <b>69,054</b>              | <b>69,054</b>               |
| <b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>                                 |                            |                             |
| WORKING CAPITAL FUND SUPPORT .....  | 48,096                     | 48,096                      |
| <b>TOTAL WORKING CAPITAL FUND, DEFENSE-<br/>WIDE .....</b>                | <b>48,096</b>              | <b>48,096</b>               |
| <b>WORKING CAPITAL FUND, DECA</b>   |                            |                             |
| WORKING CAPITAL FUND SUPPORT .....  | 1,266,200                  | 1,266,200                   |
| <b>TOTAL WORKING CAPITAL FUND, DECA .....</b>                             | <b>1,266,200</b>           | <b>1,266,200</b>            |
| <b>NATIONAL DEFENSE SEALIFT FUND</b>                                      |                            |                             |
| SURGE SEALIFT RECAPITALIZATION .....                                      |                            | 200,000                     |
| Program increase—one used vessel .....                                    |                            | [200,000]                   |
| LG MED SPD RO/RO MAINTENANCE .....  |                            | 127,739                     |
| Transfer from OMN .....   |                            | [127,739]                   |
| DOD MOBILIZATION ALTERATIONS .....  |                            | 20,858                      |
| Transfer from OMN .....   |                            | [20,858]                    |
| TAH MAINTENANCE .....   |                            | 157,350                     |
| Service Life Extension of USNS Comfort (TAH 20) .....                     |                            | [85,000]                    |
| Transfer from OMN .....   |                            | [72,350]                    |
| READY RESERVE AND PREPOSITIONING FORCE .....                              |                            | 310,805                     |
| Transfer from OMN .....   |                            | [310,805]                   |
| <b>TOTAL NATIONAL DEFENSE SEALIFT FUND .....</b>                          |                            | <b>816,752</b>              |
| <b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b>                            |                            |                             |
| OPERATION & MAINTENANCE .....   | 105,997                    | 105,997                     |
| RDT&E .....   | 886,728                    | 886,728                     |
| PROCUREMENT .....   | 1,091                      | 1,091                       |
| <b>TOTAL CHEM AGENTS &amp; MUNITIONS DE-<br/>STRUCTION .....</b>          | <b>993,816</b>             | <b>993,816</b>              |
| <b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES,<br/>DEF</b>               |                            |                             |
| DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES,<br>DEFENSE .....           | 547,171                    | 567,171                     |
| Combatting opioid trafficking and abuse .....                             |                            | [20,000]                    |
| DRUG DEMAND REDUCTION PROGRAM .....                                       | 117,900                    | 117,900                     |
| NATIONAL GUARD COUNTER-DRUG PROGRAM .....                                 | 117,178                    | 117,178                     |
| DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES,<br>DEFENSE .....           | 5,276                      | 5,276                       |
| <b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG AC-<br/>TIVITIES, DEF .....</b> | <b>787,525</b>             | <b>807,525</b>              |
| <b>OFFICE OF THE INSPECTOR GENERAL</b>                                    |                            |                             |
| OPERATION & MAINTENANCE .....   | 327,611                    | 332,611                     |
| Program increase .....  |                            | [5,000]                     |

**SEC. 4501. OTHER AUTHORIZATIONS**  
(In Thousands of Dollars)

| <i>Item</i>   | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|---|----------------------------|-----------------------------|
| PROCUREMENT .....   | 1,602                      | 1,602                       |
| RDT&E .....   | 60                         | 60                          |
| <b>TOTAL OFFICE OF THE INSPECTOR GENERAL</b>  | <b>329,273</b>             | <b>334,273</b>              |
| <b>DEFENSE HEALTH PROGRAM</b>   |                            |                             |
| <b>OPERATION &amp; MAINTENANCE</b>  |                            |                             |
| IN-HOUSE CARE .....   | 9,738,569                  | 9,738,569                   |
| PRIVATE SECTOR CARE .....   | 15,103,735                 | 15,103,735                  |
| CONSOLIDATED HEALTH SUPPORT .....   | 2,107,961                  | 2,107,961                   |
| INFORMATION MANAGEMENT .....  | 2,039,878                  | 2,039,878                   |
| MANAGEMENT ACTIVITIES .....   | 307,629                    | 307,629                     |
| EDUCATION AND TRAINING .....  | 756,778                    | 756,778                     |
| BASE OPERATIONS/COMMUNICATIONS .....  | 2,090,845                  | 2,090,845                   |
| <b>RDT&amp;E</b>  |                            |                             |
| RESEARCH .....  | 11,386                     | 11,386                      |
| EXPLORATORY DEVELOPMENT .....   | 75,010                     | 80,010                      |
| <i>Simulators and other technologies to reduce the use of live animal tissue for medical training</i> ..... |                            | [5,000]                     |
| ADVANCED DEVELOPMENT .....  | 275,258                    | 280,258                     |
| <i>Simulators and other technologies to reduce the use of live animal tissue for medical training</i> ..... |                            | [5,000]                     |
| DEMONSTRATION/VALIDATION .....  | 117,529                    | 122,529                     |
| <i>Simulators and other technologies to reduce the use of live animal tissue for medical training</i> ..... |                            | [5,000]                     |
| ENGINEERING DEVELOPMENT .....   | 151,985                    | 176,985                     |
| <i>FDA approved devices to detect and monitor traumatic brain injury</i> .....                              |                            | [10,000]                    |
| <i>Freeze-dried platelet derived hemostatic agents</i> .....  |                            | [10,000]                    |
| <i>Simulators and other technologies to reduce the use of live animal tissue for medical training</i> ..... |                            | [5,000]                     |
| MANAGEMENT AND SUPPORT .....  | 63,755                     | 63,755                      |
| CAPABILITIES ENHANCEMENT .....  | 15,714                     | 15,714                      |
| <b>PROCUREMENT</b>  |                            |                             |
| INITIAL OUTFITTING .....  | 33,056                     | 33,056                      |
| REPLACEMENT & MODERNIZATION .....   | 343,424                    | 343,424                     |
| DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZATION .....  | 496,680                    | 496,680                     |
| <b>UNDISTRIBUTED</b>  |                            |                             |
| UNDISTRIBUTED .....   |                            | -492,500                    |
| <i>Foreign Currency adjustments</i> .....   |                            | [-22,100]                   |
| <i>Historical unobligated balances</i> .....  |                            | [-470,400]                  |
| <b>TOTAL DEFENSE HEALTH PROGRAM</b>   | <b>33,729,192</b>          | <b>33,276,692</b>           |
| <b>TOTAL OTHER AUTHORIZATIONS</b>   | <b>37,381,921</b>          | <b>37,771,173</b>           |

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Item</i>                             | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|---|----------------------------|-----------------------------|
| <b>WORKING CAPITAL FUND, ARMY</b>       |                            |                             |
| ARMY SUPPLY MANAGEMENT .....            | 6,600                      | 6,600                       |
| <b>TOTAL WORKING CAPITAL FUND, ARMY</b> | <b>6,600</b>               | <b>6,600</b>                |
| <b>WORKING CAPITAL FUND, AIR FORCE</b>  |                            |                             |
| WORKING CAPITAL FUND .....              | 8,590                      | 8,590                       |

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Item</i>   | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|---|------------------------|-------------------------|
| <b>TOTAL WORKING CAPITAL FUND, AIR FORCE .....</b>                  | <b>8,590</b>           | <b>8,590</b>            |
| <b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>             |                        |                         |
| DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....        | 153,100                | 153,100                 |
| <b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF .....</b> | <b>153,100</b>         | <b>153,100</b>          |
| <b>OFFICE OF THE INSPECTOR GENERAL</b>                              |                        |                         |
| OPERATION & MAINTENANCE .....                                       | 24,692                 | 24,692                  |
| <b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>                  | <b>24,692</b>          | <b>24,692</b>           |
| <b>DEFENSE HEALTH PROGRAM</b>                                       |                        |                         |
| <b>OPERATION &amp; MAINTENANCE</b>                                  |                        |                         |
| IN-HOUSE CARE .....   | 72,627                 | 72,627                  |
| PRIVATE SECTOR CARE .....   | 277,066                | 277,066                 |
| CONSOLIDATED HEALTH SUPPORT .....                                   | 2,375                  | 2,375                   |
| <b>TOTAL DEFENSE HEALTH PROGRAM .....</b>                           | <b>352,068</b>         | <b>352,068</b>          |
| <b>TOTAL OTHER AUTHORIZATIONS .....</b>                             | <b>545,050</b>         | <b>545,050</b>          |

1 **TITLE XLVI—MILITARY**  
2 **CONSTRUCTION**

3 **SEC. 4601. MILITARY CONSTRUCTION.**

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

| <i>Account</i> | <i>State/Country and Installation</i> | <i>Project Title</i>                          | <b>FY 2019 Request</b> | <b>House Agreement</b> |
|----------------|---------------------------------------|---|------------------------|------------------------|
|                | <i>Alabama</i>                        |   |                        |                        |
| Army           | Anniston Army Depot                   | Weapon Maintenance Shop .....                 | 5,200                  | 5,200                  |
|                | <i>California</i>                     |   |                        |                        |
| Army           | Fort Irwin                            | Multipurpose Range Complex .....              | 29,000                 | 29,000                 |
|                | <i>Colorado</i>                       |   |                        |                        |
| Army           | Fort Carson                           | Vehicle Maintenance Shop .....                | 77,000                 | 77,000                 |
|                | <i>Georgia</i>                        |   |                        |                        |
| Army           | Fort Gordon                           | Cyber Instructional Fac and Network Ctr ..... | 99,000                 | 99,000                 |
|                | <i>Germany</i>                        |   |                        |                        |
| Army           | East Camp Grafenwoehr                 | Mission Training Complex .....                | 31,000                 | 31,000                 |
|                | <i>Hawaii</i>                         |   |                        |                        |
| Army           | Fort Shafter                          | Command and Control Facility, Incr 4 .....    | 105,000                | 95,000                 |
|                | <i>Honduras</i>                       |   |                        |                        |
| Army           | Soto Cano Air Base                    | Barracks .....                                | 21,000                 | 21,000                 |
|                | <i>Indiana</i>                        |   |                        |                        |
| Army           | Crane Army Ammunition Plant           | Railcar Holding Area .....                    | 16,000                 | 16,000                 |
|                | <i>Kentucky</i>                       |   |                        |                        |
| Army           | Fort Campbell                         | Microgrid and Power Plant .....               | 0                      | 18,000                 |
| Army           | Fort Campbell                         | Vehicle Maintenance Shop .....                | 32,000                 | 32,000                 |
| Army           | Fort Knox                             | Digital Air/Ground Integration Range .....    | 26,000                 | 26,000                 |
|                | <i>Korea</i>                          |   |                        |                        |
| Army           | Camp Tango                            | Command and Control Facility .....            | 17,500                 | 17,500                 |
|                | <i>Kuwait</i>                         |   |                        |                        |
| Army           | Camp Arifjan                          | Vehicle Maintenance Shop .....                | 44,000                 | 44,000                 |
|                | <i>Maryland</i>                       |   |                        |                        |
| Army           | Fort Meade                            | Cantonment Area Roads .....                   | 0                      | 16,500                 |
|                | <i>New Jersey</i>                     |   |                        |                        |
| Army           | Picatinny Arsenal                     | Munitions Disassembly Complex .....           | 41,000                 | 41,000                 |
|                | <i>New Mexico</i>                     |   |                        |                        |
| Army           | White Sands Missile Range             | Information Systems Facility .....            | 40,000                 | 40,000                 |
|                | <i>New York</i>                       |   |                        |                        |
| Army           | U.S. Military Academy                 | Engineering Center .....                      | 95,000                 | 95,000                 |
| Army           | U.S. Military Academy                 | Parking Structure .....                       | 65,000                 | 65,000                 |
|                | <i>North Carolina</i>                 |   |                        |                        |

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|--|---------------------------------------|---|------------------------|------------------------|
| Army   | Fort Bragg<br>South Carolina          | Dining Facility .....                             | 10,000                 | 10,000                 |
| Army   | Fort Jackson<br>Texas                 | Trainee Barracks Complex 3, Ph2 .....             | 52,000                 | 52,000                 |
| Army   | Fort Bliss                            | Supply Support Activity .....                     | 24,000                 | 24,000                 |
| Army   | Fort Hood                             | Supply Support Activity .....                     | 0                      | 9,600                  |
|  | Worldwide Unspecified                 |   |                        |                        |
| Army   | Unspecified Worldwide Locations       | Force Protection and Safety .....                 | 0                      | 50,000                 |
| Army   | Unspecified Worldwide Locations       | Host Nation Support .....                         | 34,000                 | 34,000                 |
| Army   | Unspecified Worldwide Locations       | Planning and Design .....                         | 76,068                 | 76,068                 |
| Army   | Unspecified Worldwide Locations       | Unspecified Minor Construction .....              | 72,000                 | 72,000                 |
| <b>Military Construction, Army Total .....</b> |                                       |   | <b>1,011,768</b>       | <b>1,095,868</b>       |
|  | Arizona                               |   |                        |                        |
| Navy   | Camp Navajo                           | Missile Motor Magazines and U&SI .....            | 0                      | 14,800                 |
|  | Bahamas                               |   |                        |                        |
| Navy   | Andros Island                         | AUTEC Austere Quarters .....                      | 31,050                 | 31,050                 |
|  | Bahrain                               |   |                        |                        |
| Navy   | SW Asia                               | Fleet Maintenance Facility & TOC .....            | 26,340                 | 26,340                 |
|  | California                            |   |                        |                        |
| Navy   | Camp Pendleton                        | AAV-ACV Maintenance & Warehouse Facility .....    | 49,410                 | 49,410                 |
| Navy   | Camp Pendleton                        | Electrical Upgrades .....                         | 4,020                  | 4,020                  |
| Navy   | Camp Pendleton                        | Full Motion Trainer Facility .....                | 10,670                 | 10,670                 |
| Navy   | Camp Pendleton                        | Potable Water Distribution Improvements .....     | 47,230                 | 47,230                 |
| Navy   | Camp Pendleton                        | Supply Warehouse SOI-West .....                   | 0                      | 16,600                 |
| Navy   | Marine Corps Air Station Miramar      | Airfield Security Improvements .....              | 11,500                 | 11,500                 |
| Navy   | Marine Corps Air Station Miramar      | F-35 Vertical Landing Pads and Taxiway .....      | 20,480                 | 20,480                 |
| Navy   | Naval Air Station Lemoore             | Communications Line Ops to Admin .....            | 0                      | 14,900                 |
| Navy   | Naval Air Station Lemoore             | F-35 Maintenance Hangar .....                     | 112,690                | 112,690                |
| Navy   | Naval Base Coronado                   | Aircraft Paint Complex .....                      | 0                      | 78,800                 |
| Navy   | Naval Base Coronado                   | CMV-22B Airfield Improvements .....               | 77,780                 | 77,780                 |
| Navy   | Naval Base San Diego                  | Harbor Drive Switching Station .....              | 48,440                 | 48,440                 |
| Navy   | Naval Base San Diego                  | LCS Mission Module Readiness Center .....         | 0                      | 19,500                 |
| Navy   | Naval Base San Diego                  | Pier 8 Replacement .....                          | 108,100                | 48,747                 |
| Navy   | Naval Base Ventura                    | Directed Energy Systems Intergration Lab .....    | 22,150                 | 22,150                 |
| Navy   | Naval Base Ventura                    | Missile Assembly Build & High Explosive Mag ..... | 31,010                 | 31,010                 |
| Navy   | Naval Weapons Station Seal Beach      | Causeway, Boat Channel & Turning Basin .....      | 117,830                | 117,830                |
| Navy   | Naval Weapons Station Seal Beach      | Missile Magazines .....                           | 0                      | 21,800                 |
|  | Cuba                                  |   |                        |                        |
| Navy   | Naval Station Guantanamo Bay          | Consolidated Fire Station .....                   | 0                      | 19,700                 |
| Navy   | Naval Station Guantanamo Bay          | Solid Waste Management Facility .....             | 85,000                 | 85,000                 |
|  | District of Columbia                  |   |                        |                        |
| Navy   | Naval Observatory                     | Master Time Clocks & Operations Facility .....    | 115,600                | 60,000                 |
|  | Florida                               |   |                        |                        |
| Navy   | Naval Air Station Whiting Field       | Air Traffic Control Tower (North Field) .....     | 0                      | 10,000                 |
| Navy   | Naval Station Mayport                 | LCS Operational Training Facility Addition .....  | 29,110                 | 29,110                 |
| Navy   | Naval Station Mayport                 | LCS Support Facility .....                        | 82,350                 | 82,350                 |
|  | Georgia                               |   |                        |                        |
| Navy   | Marine Corps Base Albany              | Welding and Body Repair Shop Facility .....       | 0                      | 31,900                 |
|  | Germany                               |   |                        |                        |
| Navy   | Panzer Kaserne                        | MARFOREUR HQ Modernization and Expansion ...      | 43,950                 | 43,950                 |
|  | Guam                                  |   |                        |                        |
| Navy   | Joint Region Marianas                 | ACE Gym & Dining .....                            | 27,910                 | 27,910                 |
| Navy   | Joint Region Marianas                 | Earth Covered Magazines .....                     | 52,270                 | 52,270                 |
| Navy   | Joint Region Marianas                 | Machine Gun Range .....                           | 141,287                | 70,000                 |
| Navy   | Joint Region Marianas                 | Ordnance Ops .....                                | 22,020                 | 22,020                 |
| Navy   | Joint Region Marianas                 | Unaccompanied Enlisted Housing .....              | 36,170                 | 36,170                 |
| Navy   | Naval Base Guam                       | X-Ray Wharf Improvements (Berth 2) .....          | 0                      | 75,600                 |
|  | Hawaii                                |   |                        |                        |
| Navy   | Joint Base Pearl Harbor-Hickam        | Drydock Waterfront Facility .....                 | 45,000                 | 45,000                 |
| Navy   | Joint Base Pearl Harbor-Hickam        | Water Transmission Line .....                     | 78,320                 | 78,320                 |

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|----------------|--|---|------------------------|------------------------|
| Navy           | Marine Corps Base Hawaii                       | Corrosion Control Hangar .....                      | 66,100                 | 66,100                 |
|                | Japan  |   |                        |                        |
| Navy           | Kadena Air Base                                | Tactical Operations Center .....                    | 9,049                  | 9,049                  |
|                | Maine  |   |                        |                        |
| Navy           | Portsmouth Naval Yard                          | Dry Dock #1 Superflood Basin .....                  | 109,960                | 51,639                 |
| Navy           | Portsmouth Naval Yard                          | Extend Portal Crane Rail .....                      | 39,725                 | 39,725                 |
|                | Mississippi                                    |   |                        |                        |
| Navy           | Naval Construction Battalion Center            | Expeditionary Combat Skills Student Berthing .....  | 0                      | 22,300                 |
|                | North Carolina                                 |   |                        |                        |
| Navy           | Camp Lejeune                                   | 2nd Radio BN Complex, Phase 2 .....                 | 0                      | 51,300                 |
| Navy           | Marine Corps Air Station Cherry Point          | Aircraft Maintenance Hangar .....                   | 133,970                | 60,000                 |
| Navy           | Marine Corps Air Station Cherry Point          | Flightline Utility Modernization .....              | 106,860                | 55,000                 |
|                | Pennsylvania                                   |   |                        |                        |
| Navy           | Naval Support Activity Philadelphia            | Submarine Propulsor Manufacturing Support Fac ...   | 71,050                 | 71,050                 |
|                | South Carolina                                 |   |                        |                        |
| Navy           | Marine Corps Air Station Beaufort              | Cryogenics Facility .....                           | 0                      | 6,300                  |
| Navy           | Marine Corps Air Station Beaufort              | Recycling/Hazardous Waste Facility .....            | 9,517                  | 9,517                  |
| Navy           | Marine Corps Recruit Depot, Parris Island      | Range Improvements & Modernization, Phase 2 .....   | 35,190                 | 35,190                 |
|                | Utah   |   |                        |                        |
| Navy           | Hill Air Force Base                            | D5 Missile Motor Receipt/Storage Facility .....     | 105,520                | 55,000                 |
|                | Virginia                                       |   |                        |                        |
| Navy           | Marine Corps Base Quantico                     | Ammunition Supply Point Upgrade, Phase 2 .....      | 0                      | 13,100                 |
| Navy           | Marine Corps Base Quantico                     | TBS Fire Station .....                              | 21,980                 | 0                      |
| Navy           | Portsmouth                                     | Ships Maintenance Facility .....                    | 26,120                 | 26,120                 |
|                | Washington                                     |   |                        |                        |
| Navy           | Bangor   | Pier and Maintenance Facility .....                 | 88,960                 | 88,960                 |
| Navy           | Naval Air Station Whidbey Island               | Fleet Support Facility .....                        | 19,450                 | 19,450                 |
| Navy           | Naval Air Station Whidbey Island               | Next Generation Jammer Facility .....               | 7,930                  | 7,930                  |
|                | Worldwide Unspecified                          |   |                        |                        |
| Navy           | Unspecified Worldwide Locations                | Force Protection and Safety .....                   | 0                      | 50,000                 |
| Navy           | Unspecified Worldwide Locations                | Planning and Design .....                           | 185,542                | 177,542                |
| Navy           | Unspecified Worldwide Locations                | Unspecified Minor Construction .....                | 28,579                 | 28,579                 |
|                | <b>Military Construction, Navy Total</b> ..... |   | <b>2,543,189</b>       | <b>2,538,898</b>       |
|                | Alaska   |   |                        |                        |
| AF             | Eielson Air Force Base                         | F-35 Aircraft Maintenance Unit Admin Facility ..... | 6,800                  | 6,800                  |
| AF             | Eielson Air Force Base                         | F-35 Conventional Munitions Maintenance Fac .....   | 15,500                 | 15,500                 |
| AF             | Eielson Air Force Base                         | F-35A CATM Range .....                              | 19,000                 | 19,000                 |
| AF             | Eielson Air Force Base                         | F-35A School Age Facility .....                     | 22,500                 | 22,500                 |
|                | Arizona  |   |                        |                        |
| AF             | Davis Monthan Air Force Base                   | AGE Facility .....                                  | 0                      | 15,000                 |
| AF             | Luke Air Force Base                            | F-35A Aircraft Maintenance Unit Facility .....      | 23,000                 | 23,000                 |
| AF             | Luke Air Force Base                            | F-35A Squad Ops #6 .....                            | 17,000                 | 17,000                 |
|                | Arkansas                                       |   |                        |                        |
| AF             | Little Rock Air Force Base                     | Dormitory - 168 PN .....                            | 0                      | 26,000                 |
|                | Florida  |   |                        |                        |
| AF             | Eglin Air Force Base                           | F-35A Integrated Trng Center Academics Bldg .....   | 34,863                 | 34,863                 |
| AF             | Eglin Air Force Base                           | F-35A Student Dormitory II .....                    | 28,000                 | 28,000                 |
| AF             | MacDill Air Force Base                         | KC135 Beldown Add Flight Simulator Training .....   | 3,100                  | 3,100                  |
| AF             | Patrick Air Force Base                         | Main Gate .....                                     | 0                      | 9,000                  |
|                | Guam   |   |                        |                        |
| AF             | Joint Region Marianas                          | Hayman Munitions Storage Igloos MSA 2 .....         | 9,800                  | 9,800                  |
|                | Louisiana                                      |   |                        |                        |
| AF             | Barksdale Air Force Base                       | Entrance Road and Gate Complex .....                | 0                      | 12,250                 |
|                | Mariana Islands                                |   |                        |                        |
| AF             | Tinian   | APR—Cargo Pad with Taxiway Extension .....          | 46,000                 | 46,000                 |
| AF             | Tinian   | APR—Maintenance Support Facility .....              | 4,700                  | 4,700                  |
|                | Maryland                                       |   |                        |                        |
| AF             | Joint Base Andrews                             | Child Development Center .....                      | 0                      | 13,000                 |

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|----------------|--|--|------------------------|------------------------|
| AF             | Joint Base Andrews                           | MWD Facility .....                                       | 0                      | 8,000                  |
| AF             | Joint Base Andrews                           | PAR Relocate Haz Cargo Pad and EOD Range .....           | 37,000                 | 37,000                 |
| AF             | Joint Base Andrews                           | Presidential Aircraft Recap Complex, Inc. 2 .....        | 154,000                | 123,116                |
|                | <i>Massachusetts</i>                         |  |                        |                        |
| AF             | Hanscom Air Force Base                       | MIT-Lincoln Laboratory (West Lab CSL/MIF) .....          | 225,000                | 40,000                 |
|                | <i>Nebraska</i>                              |  |                        |                        |
| AF             | Offutt Air Force Base                        | Parking Lot, USSTRATCOM .....                            | 9,500                  | 9,500                  |
|                | <i>Nevada</i>                                |  |                        |                        |
| AF             | Creech Air Force Base                        | MQ-9 CPIP GCS Operations Facility .....                  | 28,000                 | 28,000                 |
| AF             | Creech Air Force Base                        | MQ-9 CPIP Operations & Command Center Fac. ....          | 31,000                 | 31,000                 |
| AF             | Nellis Air Force Base                        | CRH Simulator .....                                      | 5,900                  | 5,900                  |
|                | <i>New Mexico</i>                            |  |                        |                        |
| AF             | Holloman Air Force Base                      | MQ-9 FTU Ops Facility .....                              | 85,000                 | 85,000                 |
| AF             | Kirtland Air Force Base                      | Wyoming Gate Upgrade for Anti-terrorism Compliance.      | 0                      | 7,000                  |
|                | <i>New York</i>                              |  |                        |                        |
| AF             | Rome Lab                                     | Anti-Terrorism Perimeter Security / Entry Control Point. | 0                      | 14,200                 |
|                | <i>North Dakota</i>                          |  |                        |                        |
| AF             | Minot Air Force Base                         | Consolidated Helo/TRF Ops/AMU and Alert Fac .....        | 66,000                 | 66,000                 |
|                | <i>Ohio</i>                                  |  |                        |                        |
| AF             | Wright-Patterson Air Force Base              | ADAL Intelligence Production Complex (NASIC) .....       | 116,100                | 61,000                 |
|                | <i>Oklahoma</i>                              |  |                        |                        |
| AF             | Altus Air Force Base                         | KC-46A FTU/FTC Simulator Facility Ph 3 .....             | 12,000                 | 12,000                 |
| AF             | Tinker Air Force Base                        | KC-46A Depot Fuel Maintenance Hangar .....               | 85,000                 | 85,000                 |
| AF             | Tinker Air Force Base                        | KC-46A Depot Maintenance Hangar .....                    | 81,000                 | 81,000                 |
|                | <i>Qatar</i>                                 |  |                        |                        |
| AF             | Al Udeid                                     | Flightline Support Facilities .....                      | 30,400                 | 0                      |
| AF             | Al Udeid                                     | Personnel Deployment Processing Facility .....           | 40,000                 | 0                      |
|                | <i>South Carolina</i>                        |  |                        |                        |
| AF             | Shaw Air Force Base                          | CPIP MQ-9 MCE GROUP .....                                | 53,000                 | 53,000                 |
|                | <i>Texas</i>                                 |  |                        |                        |
| AF             | Joint Base San Antonio                       | BMT Recruit Dormitory 6 .....                            | 25,000                 | 25,000                 |
|                | <i>United Kingdom</i>                        |  |                        |                        |
| AF             | RAF Lakenheath                               | F-35A 6 Bay Hangar .....                                 | 39,036                 | 39,036                 |
| AF             | RAF Lakenheath                               | F-35A ADAL Conventional Munitions MX .....               | 9,204                  | 9,204                  |
| AF             | RAF Lakenheath                               | F-35A ADAL Parts Store .....                             | 13,926                 | 13,926                 |
| AF             | RAF Lakenheath                               | F-35A AGE Facility .....                                 | 12,449                 | 12,449                 |
| AF             | RAF Lakenheath                               | F-35A Dorm .....   | 29,541                 | 29,541                 |
| AF             | RAF Lakenheath                               | F-35A Fuel System Maintenance Dock 2 Bay .....           | 16,880                 | 16,880                 |
| AF             | RAF Lakenheath                               | F-35A Parking Apron .....                                | 27,431                 | 27,431                 |
|                | <i>Utah</i>                                  |  |                        |                        |
| AF             | Hill Air Force Base                          | Composite Aircraft Antenna Calibration Fac .....         | 0                      | 26,000                 |
|                | <i>Washington</i>                            |  |                        |                        |
| AF             | Fairchild—White Bluff                        | ADAL JPRA C2 Mission Support Facility .....              | 0                      | 14,000                 |
|                | <i>Worldwide Classified</i>                  |  |                        |                        |
| AF             | Classified Location                          | TACMOR—Utilities and Infrastructure Support .....        | 18,000                 | 18,000                 |
|                | <i>Worldwide Unspecified</i>                 |  |                        |                        |
| AF             | Unspecified Worldwide Locations              | Force Protection and Safety .....                        | 0                      | 50,000                 |
| AF             | Various Worldwide Locations                  | Planning and Design .....                                | 206,577                | 198,577                |
| AF             | Various Worldwide Locations                  | Unspecified Minor Military Construction .....            | 38,500                 | 38,500                 |
|                | <b>Military Construction, AF Total</b> ..... |  | <b>1,725,707</b>       | <b>1,570,773</b>       |
|                | <i>Alaska</i>                                |  |                        |                        |
| Def-Wide       | Clear Air Force Station                      | Long Range Discrim Radar Sys Complex Ph2 .....           | 174,000                | 130,000                |
| Def-Wide       | Fort Greely                                  | Missile Field #1 Expansion .....                         | 8,000                  | 0                      |
| Def-Wide       | Joint Base Elmendorf-Richardson              | Operations Facility Replacement .....                    | 14,000                 | 14,000                 |
|                | <i>Arkansas</i>                              |  |                        |                        |
| Def-Wide       | Little Rock Air Force Base                   | Hydrant Fuel System Alterations .....                    | 14,000                 | 14,000                 |
|                | <i>Belgium</i>                               |  |                        |                        |
| Def-Wide       | Chievres Air Base                            | Europe West District Superintendent's Office .....       | 14,305                 | 14,305                 |
|                | <i>California</i>                            |  |                        |                        |
| Def-Wide       | Camp Pendleton                               | SOF EOD Facility—West .....                              | 3,547                  | 3,547                  |
| Def-Wide       | Camp Pendleton                               | SOF Human Performance Training Center-West .....         | 9,049                  | 9,049                  |
| Def-Wide       | Defense Distribution Depot-Tracy             | Main Access Control Point Upgrades .....                 | 18,800                 | 18,800                 |
| Def-Wide       | Naval Base Coronado                          | SOF ATC Applied Instruction Facility .....               | 14,819                 | 14,819                 |
| Def-Wide       | Naval Base Coronado                          | SOF ATC Training Facility .....                          | 18,329                 | 18,329                 |
| Def-Wide       | Naval Base Coronado                          | SOF Close Quarters Combat Facility .....                 | 12,768                 | 12,768                 |

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| Def-Wide       | Naval Base Coronado<br>Colorado             | SOF NSWG-1 Operations Support Facility .....        | 25,172                 | 25,172                 |
| Def-Wide       | Fort Carson                                 | SOF Human Performance Training Center .....         | 15,297                 | 15,297                 |
| Def-Wide       | Fort Carson                                 | SOF Mountaineering Facility .....                   | 9,000                  | 9,000                  |
|                | Conus Classified                            |   |                        |                        |
| Def-Wide       | Classified Location<br>Cuba                 | Battalion Complex, PH2 .....                        | 49,222                 | 49,222                 |
| Def-Wide       | Naval Base Guantana-<br>nomo Bay<br>Germany | Working Dog Treatment Facility Replacement .....    | 9,080                  | 9,080                  |
| Def-Wide       | Baumholder                                  | SOF Joint Parachute Rigging Facility .....          | 11,504                 | 11,504                 |
| Def-Wide       | Kaiserslautern Air Base                     | Kaiserslautern Middle School .....                  | 99,955                 | 99,955                 |
| Def-Wide       | Rhine Ordnance Bar-<br>racks                | Medical Center Replacement Inc. 8 .....             | 319,589                | 319,589                |
| Def-Wide       | Weisbaden                                   | Clay Kaserne Elementary School .....                | 56,048                 | 56,048                 |
|                | Japan                                       |   |                        |                        |
| Def-Wide       | Camp Mctureous                              | Bechtel Elementary School .....                     | 94,851                 | 94,851                 |
| Def-Wide       | Iwakuni                                     | Fuel Pier .....                                     | 33,200                 | 33,200                 |
| Def-Wide       | Kadena Air Base                             | Truck Unload Facilities .....                       | 21,400                 | 21,400                 |
| Def-Wide       | Yokosuka                                    | Kinnick High School .....                           | 170,386                | 40,000                 |
|                | Kentucky                                    |   |                        |                        |
| Def-Wide       | Fort Campbell                               | Ft Campbell Middle School .....                     | 62,634                 | 62,634                 |
| Def-Wide       | Fort Campbell                               | SOF Air/Ground Integ. Urban Live Fire Range .....   | 9,091                  | 9,091                  |
| Def-Wide       | Fort Campbell                               | SOF Logistics Support Operations Facility .....     | 5,435                  | 5,435                  |
| Def-Wide       | Fort Campbell                               | SOF Multi-Use Helicopter Training Facility .....    | 5,138                  | 5,138                  |
|                | Maine                                       |   |                        |                        |
| Def-Wide       | Kittery                                     | Consolidated Warehouse Replacement .....            | 11,600                 | 11,600                 |
|                | Maryland                                    |   |                        |                        |
| Def-Wide       | Fort Meade                                  | Mission Support Operations Warehouse Facility ..... | 30,000                 | 30,000                 |
| Def-Wide       | Fort Meade                                  | NSAW Recapitalize Building #2 Inc 4 .....           | 218,000                | 218,000                |
| Def-Wide       | Fort Meade                                  | NSAW Recapitalize Building #3 Inc 1 .....           | 99,000                 | 99,000                 |
|                | Missouri                                    |   |                        |                        |
| Def-Wide       | St. Louis                                   | Near NGA West (N2W) Complex Phase 1 Inc. 2 .....    | 213,600                | 181,000                |
| Def-Wide       | St. Louis                                   | Near NGA West (N2W) Complex Phase 2 Inc. 1 .....    | 110,000                | 110,000                |
|                | New Jersey                                  |   |                        |                        |
| Def-Wide       | Joint Base McGuire-Dix-<br>Lakehurst        | Hot Cargo Hydrant System Replacement .....          | 10,200                 | 10,200                 |
|                | North Carolina                              |   |                        |                        |
| Def-Wide       | Fort Bragg                                  | SOF Replace Training Maze and Tower .....           | 12,109                 | 12,109                 |
| Def-Wide       | Fort Bragg                                  | SOF SERE Resistance Training Lab. Complex .....     | 20,257                 | 20,257                 |
| Def-Wide       | New River                                   | Amb Care Center/Dental Clinic Replacement .....     | 32,580                 | 32,580                 |
|                | Oklahoma                                    |   |                        |                        |
| Def-Wide       | McAlester                                   | Bulk Diesel System Replacement .....                | 7,000                  | 7,000                  |
|                | Texas                                       |   |                        |                        |
| Def-Wide       | Joint Base San Antonio                      | Energy Aerospace Operations Facility .....          | 10,200                 | 10,200                 |
| Def-Wide       | Red River Army Depot                        | General Purpose Warehouse .....                     | 71,500                 | 71,500                 |
|                | United Kingdom                              |   |                        |                        |
| Def-Wide       | Croughton RAF                               | Ambulatory Care Center Addition/Alteration .....    | 10,000                 | 0                      |
|                | Virginia                                    |   |                        |                        |
| Def-Wide       | Fort A.P. Hill                              | Training Campus .....                               | 11,734                 | 11,734                 |
| Def-Wide       | Fort Belvoir                                | Human Performance Training Center .....             | 6,127                  | 6,127                  |
| Def-Wide       | Humphreys Engineer<br>Center                | Maintenance and Supply Facility .....               | 20,257                 | 20,257                 |
| Def-Wide       | Joint Base Langley-<br>Eustis               | Fuel Facilities Replacement .....                   | 6,900                  | 6,900                  |
| Def-Wide       | Joint Base Langley-<br>Eustis               | Ground Vehicle Fueling Facility Replacement .....   | 5,800                  | 5,800                  |
| Def-Wide       | Pentagon                                    | Exterior Infrastruc. & Security Improvements .....  | 23,650                 | 23,650                 |
| Def-Wide       | Pentagon                                    | North Village VACP & Fencing .....                  | 12,200                 | 12,200                 |
| Def-Wide       | Training Center Dam<br>Neck                 | SOF Magazines .....                                 | 8,959                  | 8,959                  |
|                | Washington                                  |   |                        |                        |
| Def-Wide       | Joint Base Lewis-<br>McChord                | Refueling Facility .....                            | 26,200                 | 26,200                 |
|                | Worldwide Unspecified                       |   |                        |                        |
| Def-Wide       | Unspecified Worldwide<br>Locations          | Contingency Construction .....                      | 10,000                 | 0                      |
| Def-Wide       | Unspecified Worldwide<br>Locations          | Energy Resilience and Conserv. Invest. Prog. ....   | 150,000                | 165,000                |
| Def-Wide       | Unspecified Worldwide<br>Locations          | ERCIP Design .....                                  | 10,000                 | 10,000                 |
| Def-Wide       | Unspecified Worldwide<br>Locations          | Exercise Related Minor Construction .....           | 12,479                 | 12,479                 |
| Def-Wide       | Unspecified Worldwide<br>Locations          | Planning and Design .....                           | 86,941                 | 86,941                 |
| Def-Wide       | Unspecified Worldwide<br>Locations          | Unspecified Minor Construction .....                | 31,642                 | 31,642                 |
| Def-Wide       | Various Worldwide Lo-<br>cations            | Planning & Design .....                             | 42,705                 | 42,705                 |

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

| <b>Account</b>  | <b>State/Country and Installation</b>                     | <b>Project Title</b>                             | <b>FY 2019 Request</b> | <b>House Agreement</b> |
|---|---|--|------------------------|------------------------|
| Def-Wide  | Various Worldwide Locations                               | Planning and Design .....                        | 55,699                 | 55,699                 |
| Def-Wide  | Various Worldwide Locations                               | Unspecified Minor Construction .....             | 17,366                 | 17,366                 |
| <b>Military Construction, Def-Wide Total .....</b>            |   |  | <b>2,693,324</b>       | <b>2,473,338</b>       |
| NATO  | Worldwide Unspecified<br>NATO Security Investment Program | Nato Security Investment Program .....           | 171,064                | 171,064                |
| <b>NATO Security Investment Program Total .....</b>           |   |  | <b>171,064</b>         | <b>171,064</b>         |
| Army NG   | Alaska<br>Joint Base Elmendorf-Richardson                 | United States Property & Fiscal Office .....     | 27,000                 | 27,000                 |
| Army NG   | Illinois<br>Marseilles Training Center                    | Automated Record Fire Range .....                | 5,000                  | 5,000                  |
| Army NG   | Montana<br>Malta  | National Guard Readiness Center .....            | 15,000                 | 15,000                 |
| Army NG   | Nevada<br>North Las Vegas                                 | National Guard Readiness Center .....            | 32,000                 | 32,000                 |
| Army NG   | New Hampshire<br>Pembroke                                 | National Guard Readiness Center .....            | 12,000                 | 12,000                 |
| Army NG   | North Dakota<br>Fargo                                     | National Guard Readiness Center .....            | 32,000                 | 32,000                 |
| Army NG   | Ohio<br>Camp Ravenna                                      | Automated Multipurpose Machine Gun Range .....   | 7,400                  | 7,400                  |
| Army NG   | Oklahoma<br>Lexington                                     | Aircraft Vehicle Storage Building .....          | 0                      | 11,000                 |
| Army NG   | South Dakota<br>Rapid City                                | National Guard Readiness Center .....            | 15,000                 | 15,000                 |
| Army NG   | Worldwide Unspecified<br>Unspecified Worldwide Locations  | Planning and Design .....                        | 16,622                 | 16,622                 |
| Army NG   | Worldwide Unspecified<br>Unspecified Worldwide Locations  | Unspecified Minor Construction .....             | 18,100                 | 18,100                 |
| <b>Military Construction, Army National Guard Total .....</b> |   |  | <b>180,122</b>         | <b>191,122</b>         |
| Army Res  | California<br>Fort Irwin                                  | ECS Modified TEMF / Warehouse .....              | 34,000                 | 34,000                 |
| Army Res  | Washington<br>Yakima Training Center                      | ECS Modified TEMF .....                          | 0                      | 23,000                 |
| Army Res  | Wisconsin<br>Fort McCoy                                   | Transient Training Barracks .....                | 23,000                 | 23,000                 |
| Army Res  | Worldwide Unspecified<br>Unspecified Worldwide Locations  | Planning and Design .....                        | 5,855                  | 5,855                  |
| Army Res  | Worldwide Unspecified<br>Unspecified Worldwide Locations  | Unspecified Minor Construction .....             | 2,064                  | 2,064                  |
| <b>Military Construction, Army Reserve Total .....</b>        |   |  | <b>64,919</b>          | <b>87,919</b>          |
| N/MC Res  | California<br>Naval Weapons Station Seal Beach            | Reserve Training Center .....                    | 21,740                 | 21,740                 |
| N/MC Res  | Georgia<br>Fort Benning                                   | Reserve Training Center .....                    | 13,630                 | 13,630                 |
| N/MC Res  | Pennsylvania<br>Pittsburgh                                | Reserve Training Center .....                    | 0                      | 0                      |
| N/MC Res  | Worldwide Unspecified<br>Unspecified Worldwide Locations  | Planning & Design .....                          | 4,695                  | 4,695                  |
| N/MC Res  | Worldwide Unspecified<br>Unspecified Worldwide Locations  | Unspecified Minor Construction .....             | 3,000                  | 3,000                  |
| <b>Military Construction, Naval Reserve Total .....</b>       |   |  | <b>43,065</b>          | <b>43,065</b>          |
| Air NG  | California<br>Channel Islands Air National Guard Station  | Construct C-130J Flight Simulator Facility ..... | 8,000                  | 8,000                  |
| Air NG  | Hawaii<br>Joint Base Pearl Harbor-Hickam                  | Construct Addition to F-22 LO/CRF B3408 .....    | 17,000                 | 17,000                 |
|   | Illinois  |  |                        |                        |



**SEC. 4601. MILITARY CONSTRUCTION**  
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| <b>Account</b>   | <b>State/Country and Installation</b>           | <b>Project Title</b>                          | <b>FY 2019 Request</b> | <b>House Agreement</b> |
|--|---|---|------------------------|------------------------|
| Air NG   | Greater Peoria Regional Airport                 | Construct New Fire Crash/Rescue Station ..... | 9,000                  | 9,000                  |
|  | Louisiana                                       |   |                        |                        |
| Air NG   | New Orleans                                     | NORTHCOM—Construct Alert Apron .....          | 15,000                 | 15,000                 |
| Air NG   | New Orleans                                     | NORTHCOM—Construct Alert Facilities .....     | 0                      | 24,000                 |
|  | Minnesota                                       |   |                        |                        |
| Air NG   | Duluth International Airport                    | Construct Small Arms Range .....              | 0                      | 8,000                  |
|  | Montana   |   |                        |                        |
| Air NG   | Great Falls International Airport               | Construct Aircraft Apron .....                | 0                      | 9,000                  |
|  | New York  |   |                        |                        |
| Air NG   | Francis S. Gabreski Airport                     | Security Forces/Comm.Training Facility .....  | 20,000                 | 20,000                 |
|  | Ohio  |   |                        |                        |
| Air NG   | Mansfield Lahm Airport                          | Replace Fire Station .....                    | 0                      | 13,000                 |
| Air NG   | Rickenbacker International Airport              | Construct Small Arms Range .....              | 0                      | 8,000                  |
|  | Pennsylvania                                    |   |                        |                        |
| Air NG   | Fort Indiantown Gap                             | Replace Operations Training/Dining Hall ..... | 8,000                  | 8,000                  |
|  | Virginia  |   |                        |                        |
| Air NG   | Joint Base Langley-Eustis                       | Construct Cyber Ops Facility .....            | 10,000                 | 10,000                 |
|  | Worldwide Unspecified                           |   |                        |                        |
| Air NG   | Unspecified Worldwide Locations                 | Unspecified Minor Construction .....          | 23,626                 | 23,626                 |
| Air NG   | Various Worldwide Locations                     | Planning and Design .....                     | 18,500                 | 18,500                 |
| <b>Military Construction, Air National Guard Total .....</b> |   |   | <b>129,126</b>         | <b>191,126</b>         |
|  | Florida   |   |                        |                        |
| AF Res   | Patrick Air Force Base                          | HC-130J Mr Hanger .....                       | 0                      | 24,000                 |
|  | Indiana   |   |                        |                        |
| AF Res   | Grissom Air Reserve Base                        | Add/Alter Aircraft Maintenance Hangar .....   | 12,100                 | 12,100                 |
| AF Res   | Grissom Air Reserve Base                        | Aerial Port Facility .....                    | 0                      | 9,400                  |
|  | Massachusetts                                   |   |                        |                        |
| AF Res   | Westover Air Reserve Base                       | Regional ISO Mr Hanger .....                  | 0                      | 42,600                 |
|  | Minnesota                                       |   |                        |                        |
| AF Res   | Minneapolis-St Paul International Airport       | Small Arms Range .....                        | 9,000                  | 9,000                  |
|  | Mississippi                                     |   |                        |                        |
| AF Res   | Keesler Air Force Base                          | Aeromedical Staging Squadron Facility .....   | 4,550                  | 4,550                  |
|  | New York  |   |                        |                        |
| AF Res   | Niagara Falls International Airport             | Physical Fitness Center .....                 | 14,000                 | 14,000                 |
|  | Ohio  |   |                        |                        |
| AF Res   | Youngstown Air Rserve Station                   | Relocation Main Gate .....                    | 0                      | 8,800                  |
|  | Texas   |   |                        |                        |
| AF Res   | Naval Air Station Joint Reserve Base Fort Worth | Munitions Training/Admin Facility .....       | 3,100                  | 3,100                  |
|  | Worldwide Unspecified                           |   |                        |                        |
| AF Res   | Unspecified Worldwide Locations                 | Planning & Design .....                       | 4,055                  | 4,055                  |
| AF Res   | Unspecified Worldwide Locations                 | Unspecified Minor Construction .....          | 3,358                  | 3,358                  |
| <b>Military Construction, Air Force Reserve Total .....</b>  |   |   | <b>50,163</b>          | <b>134,963</b>         |
|  | Germany   |   |                        |                        |
| FH Con Army  | Baumholder                                      | Family Housing Improvements .....             | 32,000                 | 32,000                 |
|  | Italy   |   |                        |                        |
| FH Con Army  | Vicenza   | Family Housing New Construction .....         | 95,134                 | 95,134                 |
|  | Korea   |   |                        |                        |
| FH Con Army  | Camp Humphreys                                  | Family Housing New Construction Incr 3 .....  | 85,000                 | 85,000                 |
| FH Con Army  | Camp Walker                                     | Family Housing Replacement Construction ..... | 68,000                 | 68,000                 |
|  | Puerto Rico                                     |   |                        |                        |
| FH Con Army  | Fort Buchanan                                   | Family Housing Replacement Construction ..... | 26,000                 | 26,000                 |
|  | Wisconsin                                       |   |                        |                        |
| FH Con Army  | Fort McCoy                                      | Family Housing New Construction .....         | 6,200                  | 6,200                  |
|  | Worldwide Unspecified                           |   |                        |                        |
| FH Con Army  | Unspecified Worldwide Locations                 | Family Housing P & D .....                    | 18,326                 | 18,326                 |

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

| <b>Account</b>   | <b>State/Country and Installation</b> | <b>Project Title</b>                  | <b>FY 2019 Request</b> | <b>House Agreement</b> |
|--|---------------------------------------|---------------------------------------|------------------------|------------------------|
| <b>Family Housing Construction, Army Total</b> .....                               |                                       |                                       | <b>330,660</b>         | <b>330,660</b>         |
|  | Worldwide Unspecified                 |                                       |                        |                        |
| FH Ops Army  | Unspecified Worldwide Locations       | Furnishings .....                     | 15,842                 | 15,842                 |
| FH Ops Army  | Unspecified Worldwide Locations       | Housing Privatization Support .....   | 18,801                 | 20,301                 |
| FH Ops Army  | Unspecified Worldwide Locations       | Leasing .....                         | 161,252                | 161,252                |
| FH Ops Army  | Unspecified Worldwide Locations       | Maintenance .....                     | 75,530                 | 75,530                 |
| FH Ops Army  | Unspecified Worldwide Locations       | Management .....                      | 36,302                 | 34,802                 |
| FH Ops Army  | Unspecified Worldwide Locations       | Miscellaneous .....                   | 408                    | 408                    |
| FH Ops Army  | Unspecified Worldwide Locations       | Services .....                        | 10,502                 | 10,502                 |
| FH Ops Army  | Unspecified Worldwide Locations       | Utilities .....                       | 57,872                 | 57,872                 |
| <b>Family Housing Operation And Maintenance, Army Total</b> .....                  |                                       |                                       | <b>376,509</b>         | <b>376,509</b>         |
|  | Mariana Islands                       |                                       |                        |                        |
| FH Con Navy  | Guam                                  | Replace Anderson Housing PH III ..... | 83,441                 | 83,441                 |
|  | Worldwide Unspecified                 |                                       |                        |                        |
| FH Con Navy  | Unspecified Worldwide Locations       | Design, Washington DC .....           | 4,502                  | 4,502                  |
| FH Con Navy  | Unspecified Worldwide Locations       | Improvements, Washington DC .....     | 16,638                 | 16,638                 |
| <b>Family Housing Construction, Navy And Marine Corps Total</b> .....              |                                       |                                       | <b>104,581</b>         | <b>104,581</b>         |
|  | Worldwide Unspecified                 |                                       |                        |                        |
| FH Ops Navy  | Unspecified Worldwide Locations       | Furnishings .....                     | 16,395                 | 16,395                 |
| FH Ops Navy  | Unspecified Worldwide Locations       | Housing Privatization Support .....   | 21,767                 | 23,267                 |
| FH Ops Navy  | Unspecified Worldwide Locations       | Leasing .....                         | 62,515                 | 62,515                 |
| FH Ops Navy  | Unspecified Worldwide Locations       | Maintenance .....                     | 86,328                 | 86,328                 |
| FH Ops Navy  | Unspecified Worldwide Locations       | Management .....                      | 50,870                 | 49,370                 |
| FH Ops Navy  | Unspecified Worldwide Locations       | Miscellaneous .....                   | 148                    | 148                    |
| FH Ops Navy  | Unspecified Worldwide Locations       | Services .....                        | 16,261                 | 16,261                 |
| FH Ops Navy  | Unspecified Worldwide Locations       | Utilities .....                       | 60,252                 | 60,252                 |
| <b>Family Housing Operation And Maintenance, Navy And Marine Corps Total</b> ..... |                                       |                                       | <b>314,536</b>         | <b>314,536</b>         |
|  | Worldwide Unspecified                 |                                       |                        |                        |
| FH Con AF  | Unspecified Worldwide Locations       | Construction Improvements .....       | 75,247                 | 75,247                 |
| FH Con AF  | Unspecified Worldwide Locations       | Planning & Design .....               | 3,199                  | 3,199                  |
| <b>Family Housing Construction, Air Force Total</b> .....                          |                                       |                                       | <b>78,446</b>          | <b>78,446</b>          |
|  | Worldwide Unspecified                 |                                       |                        |                        |
| FH Ops AF  | Unspecified Worldwide Locations       | Furnishings .....                     | 30,645                 | 30,645                 |
| FH Ops AF  | Unspecified Worldwide Locations       | Housing Privatization Support .....   | 22,205                 | 23,705                 |
| FH Ops AF  | Unspecified Worldwide Locations       | Leasing .....                         | 15,832                 | 15,832                 |
| FH Ops AF  | Unspecified Worldwide Locations       | Maintenance .....                     | 129,763                | 129,763                |
| FH Ops AF  | Unspecified Worldwide Locations       | Management .....                      | 54,423                 | 52,923                 |
| FH Ops AF  | Unspecified Worldwide Locations       | Miscellaneous .....                   | 2,171                  | 2,171                  |
| FH Ops AF  | Unspecified Worldwide Locations       | Services .....                        | 13,669                 | 13,669                 |
| FH Ops AF  | Unspecified Worldwide Locations       | Utilities .....                       | 48,566                 | 48,566                 |

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

| <b>Account</b>  | <b>State/Country and Installation</b>         | <b>Project Title</b>                      | <b>FY 2019 Request</b> | <b>House Agreement</b> |
|---|---|---|------------------------|------------------------|
| <b>Family Housing Operation And Maintenance, Air Force Total</b> .....    |   |   | <b>317,274</b>         | <b>317,274</b>         |
|   | <i>Worldwide Unspecified</i>                  |   |                        |                        |
| FH Ops DW   | <i>Unspecified Worldwide Locations</i>        | <i>Furnishings</i> .....                  | 1,060                  | 1,060                  |
| FH Ops DW   | <i>Unspecified Worldwide Locations</i>        | <i>Leasing</i> .....                      | 51,278                 | 51,278                 |
| FH Ops DW   | <i>Unspecified Worldwide Locations</i>        | <i>Maintenance</i> .....                  | 1,663                  | 1,663                  |
| FH Ops DW   | <i>Unspecified Worldwide Locations</i>        | <i>Management</i> .....                   | 155                    | 155                    |
| FH Ops DW   | <i>Unspecified Worldwide Locations</i>        | <i>Services</i> .....                     | 2                      | 2                      |
| FH Ops DW   | <i>Unspecified Worldwide Locations</i>        | <i>Utilities</i> .....                    | 4,215                  | 4,215                  |
| <b>Family Housing Operation And Maintenance, Defense-Wide Total</b> ..... |   |   | <b>58,373</b>          | <b>58,373</b>          |
|   | <i>Worldwide Unspecified</i>                  |   |                        |                        |
| FHIF  | <i>Unspecified Worldwide Locations</i>        | <i>Administrative Expenses—FHIF</i> ..... | 1,653                  | 1,653                  |
| <b>DOD Family Housing Improvement Fund Total</b> .....                    |   |   | <b>1,653</b>           | <b>1,653</b>           |
|   | <i>Worldwide Unspecified</i>                  |   |                        |                        |
| UHIF  | <i>Unaccompanied Housing Improvement Fund</i> | <i>Administrative Expenses—UHIF</i> ..... | 600                    | 600                    |
| <b>Unaccompanied Housing Improvement Fund Total</b> .....                 |   |   | <b>600</b>             | <b>600</b>             |
|   | <i>Worldwide Unspecified</i>                  |   |                        |                        |
| BRAC  | <i>Unspecified Worldwide Locations</i>        | <i>Base Realignment and Closure</i> ..... | 62,796                 | 80,906                 |
| BRAC  | <i>Unspecified Worldwide Locations</i>        | <i>Base Realignment and Closure</i> ..... | 151,839                | 170,949                |
| BRAC  | <i>Unspecified Worldwide Locations</i>        | <i>Base Realignment and Closure</i> ..... | 52,903                 | 71,013                 |
| <b>Base Realignment and Closure Total</b> .....                           |   |   | <b>267,538</b>         | <b>322,868</b>         |
|   | <i>Prior Year Savings</i>                     |   |                        |                        |
| PYS   | <i>Prior Year Savings</i>                     | <i>Prior Year Savings</i> .....           | 0                      | -71,158                |
| <b>Prior Year Savings Total</b> .....                                     |   |   | <b>0</b>               | <b>-71,158</b>         |
| <b>Total, Military Construction</b> .....                                 |   |   | <b>10,462,617</b>      | <b>10,332,478</b>      |

**1 SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**

**2 TINGENCY OPERATIONS.**

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Account</b> | <b>State/Country and Installation</b>  | <b>Project Title</b>                                      | <b>FY 2019 Request</b> | <b>House Agreement</b> |
|----------------|--|---|------------------------|------------------------|
|                | <i>Bulgaria</i>                        |   |                        |                        |
| Army           | <i>Nevo Selo</i>                       | <i>EDI: Ammunition Holding Area</i> .....                 | 5,200                  | 5,200                  |
|                | <i>Cuba</i>                            |   |                        |                        |
| Army           | <i>Guantanamo Bay</i>                  | <i>High Value Detention Facility</i> .....                | 69,000                 | 0                      |
|                | <i>Poland</i>                          |   |                        |                        |
| Army           | <i>Draewsko Pomorski Training Area</i> | <i>EDI: Staging Area</i> .....                            | 17,000                 | 17,000                 |
| Army           | <i>Powidz Air Base</i>                 | <i>EDI: Ammunition Storage Facility</i> .....             | 52,000                 | 52,000                 |
| Army           | <i>Powidz Air Base</i>                 | <i>EDI: Bulk Fuel Storage</i> .....                       | 21,000                 | 21,000                 |
| Army           | <i>Powidz Air Base</i>                 | <i>EDI: Rail Extension &amp; Railhead</i> .....           | 14,000                 | 14,000                 |
| Army           | <i>Zagan Training Area</i>             | <i>EDI: Rail Extension and Railhead</i> .....             | 6,400                  | 6,400                  |
| Army           | <i>Zagan Training Area</i>             | <i>EDI: Staging Area</i> .....                            | 34,000                 | 34,000                 |
|                | <i>Romania</i>                         |   |                        |                        |
| Army           | <i>Mihail Kogalniceanu</i>             | <i>EDI: Explosives &amp; Ammo Load/Unload Apron</i> ..... | 21,651                 | 21,651                 |
|                | <i>Worldwide Unspecified</i>           |   |                        |                        |
| Army           | <i>Unspecified Worldwide Locations</i> | <i>EDI: Planning and Design</i> .....                     | 20,999                 | 20,999                 |

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Account</b>                                   | <b>State/Country and Installation</b>  | <b>Project Title</b>                     | <b>FY 2019 Request</b> | <b>House Agreement</b> |
|--|--|--|------------------------|------------------------|
| <b>Military Construction, Army Total</b>         |  |  | <b>261,250</b>         | <b>192,250</b>         |
|  | <i>Greece</i>                          |  |                        |                        |
| Navy   | <i>Souda Bay</i>                       | EDI: Joint Mobility Processing Center    | 41,650                 | 41,650                 |
| Navy   | <i>Souda Bay</i>                       | EDI: Marathi Logistics Support Center    | 6,200                  | 6,200                  |
|  | <i>Italy</i>                           |  |                        |                        |
| Navy   | <i>Signonella</i>                      | EDI: P-SA Taxiway                        | 66,050                 | 66,050                 |
|  | <i>Spain</i>                           |  |                        |                        |
| Navy   | <i>Rota</i>                            | EDI: Port Operations Facilities          | 21,590                 | 21,590                 |
|  | <i>United Kingdom</i>                  |  |                        |                        |
| Navy   | <i>Lossiemouth</i>                     | EDI: P-S Base Improvements               | 79,130                 | 79,130                 |
|  | <i>Worldwide Unspecified</i>           |  |                        |                        |
| Navy   | <i>Unspecified Worldwide Locations</i> | EDI: Planning and Design                 | 12,700                 | 12,700                 |
| <b>Military Construction, Navy Total</b>         |  |  | <b>227,320</b>         | <b>227,320</b>         |
|  | <i>Germany</i>                         |  |                        |                        |
| AF   | <i>Ramstein AB</i>                     | EDI: KMC DABS-FEV/RH Storage Warehouses  | 119,000                | 119,000                |
|  | <i>Norway</i>                          |  |                        |                        |
| AF   | <i>Rygge</i>                           | EDI: Construct Taxiway                   | 13,800                 | 13,800                 |
|  | <i>Qatar</i>                           |  |                        |                        |
| AF   | <i>Al Udeid</i>                        | Flight line Support Facilities           | 0                      | 30,400                 |
| AF   | <i>Al Udeid</i>                        | Personnel Deployment Processing Facility | 0                      | 40,000                 |
|  | <i>Slovakia</i>                        |  |                        |                        |
| AF   | <i>Malacky</i>                         | EDI: Regional Munitions Storage Area     | 59,000                 | 59,000                 |
|  | <i>United Kingdom</i>                  |  |                        |                        |
| AF   | <i>RAF Fairford</i>                    | EDI: Construct DABS-FEV Storage          | 87,000                 | 87,000                 |
| AF   | <i>RAF Fairford</i>                    | EDI: Munitions Holding Area              | 19,000                 | 19,000                 |
|  | <i>Worldwide Unspecified</i>           |  |                        |                        |
| AF   | <i>Unspecified Worldwide Locations</i> | EDI: Planning & Design Funds             | 48,000                 | 46,600                 |
| <b>Military Construction, Air Force Total</b>    |  |  | <b>345,800</b>         | <b>414,800</b>         |
|  | <i>Estonia</i>                         |  |                        |                        |
| Def-Wide   | <i>Unspecified Estonia</i>             | EDI: SOF Operations Facility             | 6,100                  | 6,100                  |
| Def-Wide   | <i>Unspecified Estonia</i>             | EDI: SOF Training Facility               | 9,600                  | 9,600                  |
|  | <i>Qatar</i>                           |  |                        |                        |
| Def-Wide   | <i>Al Udeid</i>                        | Trans-Regional Logistics Complex         | 60,000                 | 60,000                 |
|  | <i>Worldwide Unspecified</i>           |  |                        |                        |
| Def-Wide   | <i>Unspecified Worldwide Locations</i> | EDI: Planning and Design                 | 7,100                  | 7,100                  |
| Def-Wide   | <i>Various Worldwide Locations</i>     | EDI: Planning and Design                 | 4,250                  | 4,250                  |
| <b>Military Construction, Defense-Wide Total</b> |  |  | <b>87,050</b>          | <b>87,050</b>          |
| <b>Total, Military Construction</b>              |  |  | <b>921,420</b>         | <b>921,420</b>         |

1 **TITLE XLVII—DEPARTMENT OF**  
 2 **ENERGY NATIONAL SECURITY**  
 3 **PROGRAMS**  
 4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**  
 5 **PROGRAMS.**

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

| <b>Program</b>  | <b>FY 2019 Request</b> | <b>House Authorized</b> |
|---|------------------------|-------------------------|
| <b>Discretionary Summary By Appropriation</b>             |                        |                         |
| <b>Energy And Water Development, And Related Agencies</b> |                        |                         |
| <b>Appropriation Summary:</b>                             |                        |                         |
| <b>Energy Programs</b>                                    |                        |                         |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

| <b>Program</b>  | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|---|----------------------------|-----------------------------|
| Nuclear Energy .....  | 136,090                    | 136,090                     |
| <b>Atomic Energy Defense Activities</b>                           |                            |                             |
| <b>National nuclear security administration:</b>                  |                            |                             |
| Weapons activities .....  | 11,017,078                 | 11,215,078                  |
| Defense nuclear nonproliferation .....                            | 1,862,825                  | 1,989,825                   |
| Naval reactors .....  | 1,788,618                  | 1,788,618                   |
| Federal salaries and expenses .....                               | 422,529                    | 404,529                     |
| <b>Total, National nuclear security administration .....</b>      | <b>15,091,050</b>          | <b>15,398,050</b>           |
| <b>Environmental and other defense activities:</b>                |                            |                             |
| Defense environmental cleanup .....                               | 5,630,217                  | 5,680,217                   |
| Other defense activities .....                                    | 853,300                    | 853,300                     |
| Defense nuclear waste disposal .....                              | 30,000                     | 30,000                      |
| <b>Total, Environmental &amp; other defense activities .....</b>  | <b>6,513,517</b>           | <b>6,563,517</b>            |
| <b>Total, Atomic Energy Defense Activities .....</b>              | <b>21,604,567</b>          | <b>21,961,567</b>           |
| <b>Total, Discretionary Funding .....</b>                         | <b>21,740,657</b>          | <b>22,097,657</b>           |
| <b>Nuclear Energy</b>   |                            |                             |
| Idaho site-wide safeguards and security .....                     | 136,090                    | 136,090                     |
| <b>Total, Nuclear Energy .....</b>                                | <b>136,090</b>             | <b>136,090</b>              |
| <b>Weapons Activities</b>   |                            |                             |
| <b>Directed stockpile work</b>                                    |                            |                             |
| <b>Life extension programs and major alterations</b>              |                            |                             |
| B61-12 Life extension program .....                               | 794,049                    | 794,049                     |
| W76-1 Life extension program .....                                | 48,888                     | 48,888                      |
| W88 Alt 370 .....   | 304,285                    | 304,285                     |
| W80-4 Life extension program .....                                | 654,766                    | 654,766                     |
| IW-1 .....  | 53,000                     | 53,000                      |
| W76-2 Warhead modification program .....                          | 65,000                     | 65,000                      |
| <b>Total, Life extension programs and major alterations .....</b> | <b>1,919,988</b>           | <b>1,919,988</b>            |
| <b>Stockpile systems</b>  |                            |                             |
| B61 Stockpile systems .....                                       | 64,547                     | 64,547                      |
| W76 Stockpile systems .....                                       | 94,300                     | 94,300                      |
| W78 Stockpile systems .....                                       | 81,329                     | 81,329                      |
| W80 Stockpile systems .....                                       | 80,204                     | 80,204                      |
| B83 Stockpile systems .....                                       | 35,082                     | 35,082                      |
| W87 Stockpile systems .....                                       | 83,107                     | 83,107                      |
| W88 Stockpile systems .....                                       | 180,913                    | 180,913                     |
| <b>Total, Stockpile systems .....</b>                             | <b>619,482</b>             | <b>619,482</b>              |
| <b>Weapons dismantlement and disposition</b>                      |                            |                             |
| Operations and maintenance .....                                  | 56,000                     | 56,000                      |
| <b>Stockpile services</b>   |                            |                             |
| Production support .....  | 512,916                    | 508,916                     |
| Program decrease .....  |                            | [-4,000]                    |
| Research and development support .....                            | 38,129                     | 38,129                      |
| R&D certification and safety .....                                | 216,582                    | 214,582                     |
| Program decrease .....  |                            | [-2,000]                    |
| Management, technology, and production .....                      | 300,736                    | 298,736                     |
| Program decrease .....  |                            | [-2,000]                    |
| <b>Total, Stockpile services .....</b>                            | <b>1,068,363</b>           | <b>1,060,363</b>            |
| <b>Strategic materials</b>  |                            |                             |
| Uranium sustainment .....   | 87,182                     | 87,182                      |
| Plutonium sustainment .....                                       | 361,282                    | 361,282                     |
| Tritium sustainment .....   | 205,275                    | 205,275                     |
| Lithium sustainment .....   | 29,135                     | 29,135                      |
| Domestic uranium enrichment .....                                 | 100,704                    | 100,704                     |
| Strategic materials sustainment .....                             | 218,794                    | 218,794                     |
| <b>Total, Strategic materials .....</b>                           | <b>1,002,372</b>           | <b>1,002,372</b>            |
| <b>Total, Directed stockpile work .....</b>                       | <b>4,666,205</b>           | <b>4,658,205</b>            |
| <b>Research, development, test and evaluation (RDT&amp;E)</b>     |                            |                             |
| <b>Science</b>  |                            |                             |
| Advanced certification .....                                      | 57,710                     | 57,710                      |
| Primary assessment technologies .....                             | 95,057                     | 93,057                      |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
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| <b>Program</b>   | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|--|----------------------------|-----------------------------|
| Program decrease .....   |                            | [-2,000]                    |
| Dynamic materials properties .....   | 131,000                    | 128,000                     |
| Program decrease .....   |                            | [-3,000]                    |
| Advanced radiography .....   | 32,544                     | 32,544                      |
| Secondary assessment technologies .....  | 77,553                     | 77,553                      |
| Academic alliances and partnerships .....  | 53,364                     | 53,364                      |
| Enhanced Capabilities for Subcritical Experiments .....                                | 117,632                    | 117,632                     |
| <b>Total, Science .....</b>  | <b>564,860</b>             | <b>559,860</b>              |
| <b>Engineering</b>   |                            |                             |
| Enhanced surety .....  | 43,226                     | 43,226                      |
| Weapon systems engineering assessment technology .....                                 | 27,536                     | 27,536                      |
| Nuclear survivability .....  | 48,230                     | 48,230                      |
| Enhanced surveillance .....  | 58,375                     | 58,375                      |
| Stockpile Responsiveness .....   | 34,000                     | 40,000                      |
| Program increase .....   |                            | [6,000]                     |
| <b>Total, Engineering .....</b>  | <b>211,367</b>             | <b>217,367</b>              |
| <b>Inertial confinement fusion ignition and high yield</b>                             |                            |                             |
| Ignition .....   | 22,434                     | 42,434                      |
| Maintain sustainable levels .....  |                            | [20,000]                    |
| Support of other stockpile programs .....  | 17,397                     | 21,397                      |
| Maintain sustainable levels .....  |                            | [4,000]                     |
| Diagnostics, cryogenics and experimental support .....                                 | 51,453                     | 61,453                      |
| Maintain sustainable levels .....  |                            | [10,000]                    |
| Pulsed power inertial confinement fusion .....   | 8,310                      | 8,310                       |
| Facility operations and target production .....  | 319,333                    | 334,333                     |
| Maintain sustainable levels .....  |                            | [15,000]                    |
| <b>Total, Inertial confinement fusion and high yield .....</b>                         | <b>418,927</b>             | <b>467,927</b>              |
| <b>Advanced simulation and computing</b>   |                            |                             |
| Advanced simulation and computing .....  | 656,401                    | 656,401                     |
| <b>Construction:</b>   |                            |                             |
| 18-D-670, Erascale Class Computer Cooling Equipment, LANL ...                          | 24,000                     | 24,000                      |
| 18-D-620, Erascale Computing Facility Modernization Project,<br>LLNL .....             | 23,000                     | 23,000                      |
| <b>Total, Construction .....</b>   | <b>47,000</b>              | <b>47,000</b>               |
| <b>Total, Advanced simulation and computing .....</b>                                  | <b>703,401</b>             | <b>703,401</b>              |
| <b>Advanced manufacturing</b>  |                            |                             |
| Additive manufacturing .....   | 17,447                     | 17,447                      |
| Component manufacturing development .....  | 48,477                     | 48,477                      |
| Process technology development .....   | 30,914                     | 30,914                      |
| <b>Total, Advanced manufacturing .....</b>   | <b>96,838</b>              | <b>96,838</b>               |
| <b>Total, RDT&amp;E .....</b>  | <b>1,995,393</b>           | <b>2,045,393</b>            |
| <b>Infrastructure and operations</b>   |                            |                             |
| Operations of facilities .....   | 891,000                    | 891,000                     |
| Safety and environmental operations .....  | 115,000                    | 115,000                     |
| Maintenance and repair of facilities .....   | 365,000                    | 404,000                     |
| Address high-priority repair needs and preventive maintenance .....                    |                            | [39,000]                    |
| <b>Recapitalization:</b>   |                            |                             |
| Infrastructure and safety .....  | 431,631                    | 498,631                     |
| Support high-priority deferred maintenance .....                                       |                            | [67,000]                    |
| Capability based investments .....   | 109,057                    | 113,057                     |
| Program increase .....   |                            | [4,000]                     |
| <b>Total, Recapitalization .....</b>   | <b>540,688</b>             | <b>611,688</b>              |
| <b>Construction:</b>   |                            |                             |
| 19-D-670, 138kV Power Transmission System Replacement, NNSS .....                      | 6,000                      | 6,000                       |
| 19-D-660, Lithium Production Capability, Y-12 .....                                    | 19,000                     | 19,000                      |
| 18-D-680, Material Staging Facility, Pantex .....                                      | 0                          | 24,000                      |
| 18-D-650, Tritium Production Capability, SRS .....                                     | 27,000                     | 27,000                      |
| 17-D-710, West End Protected Area reduction Project, Y-12 .....                        | 0                          | 9,000                       |
| 17-D-640, U1a Complex Enhancements Project, NNSS .....                                 | 53,000                     | 53,000                      |
| 16-D-515, Albuquerque complex project .....  | 47,953                     | 47,953                      |
| 14-D-710, DAF Argus project, NNSS .....  | 0                          | 2,000                       |
| 06-D-141 Uranium processing facility Y-12, Oak Ridge, TN .....                         | 703,000                    | 703,000                     |
| 04-D-125 Chemistry and metallurgy research facility replacement<br>project, LANL ..... | 235,095                    | 235,095                     |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
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| <b>Program</b>   | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|--|----------------------------|-----------------------------|
| <b>Total, Construction</b> .....                                     | <b>1,091,048</b>           | <b>1,126,048</b>            |
| <b>Total, Infrastructure and operations</b> .....                    | <b>3,002,736</b>           | <b>3,147,736</b>            |
| <b>Secure transportation asset</b>                                   |                            |                             |
| Operations and equipment .....                                       | 176,617                    | 176,617                     |
| Program direction .....  | 102,022                    | 102,022                     |
| <b>Total, Secure transportation asset</b> .....                      | <b>278,639</b>             | <b>278,639</b>              |
| <b>Defense nuclear security</b>                                      |                            |                             |
| Operations and maintenance .....                                     | 690,638                    | 701,638                     |
| Physical security infrastructure recapitalization and CSTART .....   |                            | [11,000]                    |
| <b>Total, Defense nuclear security</b> .....                         | <b>690,638</b>             | <b>701,638</b>              |
| Information technology and cybersecurity .....                       | 221,175                    | 221,175                     |
| Legacy contractor pensions .....                                     | 162,292                    | 162,292                     |
| <b>Total, Weapons Activities</b> .....                               | <b>11,017,078</b>          | <b>11,215,078</b>           |
| <b>Defense Nuclear Nonproliferation</b>                              |                            |                             |
| <b>Defense Nuclear Nonproliferation Programs</b>                     |                            |                             |
| <b>Global material security</b>                                      |                            |                             |
| International nuclear security .....                                 | 46,339                     | 46,339                      |
| Domestic radiological security .....                                 | 90,764                     | 90,764                      |
| International radiological security .....                            | 59,576                     | 59,576                      |
| Nuclear smuggling detection and deterrence .....                     | 140,429                    | 140,429                     |
| <b>Total, Global material security</b> .....                         | <b>337,108</b>             | <b>337,108</b>              |
| <b>Material management and minimization</b>                          |                            |                             |
| HEU reactor conversion .....   | 98,300                     | 98,300                      |
| Nuclear material removal .....                                       | 32,925                     | 32,925                      |
| Material disposition .....   | 200,869                    | 200,869                     |
| <b>Total, Material management &amp; minimization</b> .....           | <b>332,094</b>             | <b>332,094</b>              |
| Nonproliferation and arms control .....                              | 129,703                    | 129,703                     |
| Defense nuclear nonproliferation R&D .....                           | 456,095                    | 468,095                     |
| Acceleration of low-yield detection experiments .....                |                            | [6,000]                     |
| Future nuclear proliferation challenges, including 3D printing ..... |                            | [6,000]                     |
| <b>Nonproliferation Construction:</b>                                |                            |                             |
| 18-D-150 Surplus Plutonium Disposition Project .....                 | 59,000                     | 59,000                      |
| 99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS .....      | 220,000                    | 335,000                     |
| <b>Total, Nonproliferation construction</b> .....                    | <b>279,000</b>             | <b>394,000</b>              |
| <b>Total, Defense Nuclear Nonproliferation Programs</b> .....        | <b>1,534,000</b>           | <b>1,661,000</b>            |
| Legacy contractor pensions .....                                     | 28,640                     | 28,640                      |
| Nuclear counterterrorism and incident response program .....         | 319,185                    | 319,185                     |
| Use of prior year balances .....                                     | -19,000                    | -19,000                     |
| <b>Total, Defense Nuclear Nonproliferation</b> .....                 | <b>1,862,825</b>           | <b>1,989,825</b>            |
| <b>Naval Reactors</b>  |                            |                             |
| Naval reactors development .....                                     | 514,951                    | 514,951                     |
| Columbia-Class reactor systems development .....                     | 138,000                    | 138,000                     |
| SSG Prototype refueling .....  | 250,000                    | 250,000                     |
| Naval reactors operations and infrastructure .....                   | 525,764                    | 525,764                     |
| <b>Construction:</b>   |                            |                             |
| 19-D-930, KS Overhead Piping .....                                   | 10,994                     | 10,994                      |
| 17-D-911, BL Fire System Upgrade .....                               | 13,200                     | 13,200                      |
| 14-D-901 Spent fuel handling recapitalization project, NRF .....     | 287,000                    | 287,000                     |
| <b>Total, Construction</b> .....                                     | <b>311,194</b>             | <b>311,194</b>              |
| Program direction .....  | 48,709                     | 48,709                      |
| <b>Total, Naval Reactors</b> .....                                   | <b>1,788,618</b>           | <b>1,788,618</b>            |
| <b>Federal Salaries And Expenses</b>                                 |                            |                             |
| Program direction .....  | 422,529                    | 404,529                     |
| Program decrease .....   |                            | [-18,000]                   |
| <b>Total, Office Of The Administrator</b> .....                      | <b>422,529</b>             | <b>404,529</b>              |

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| <b>Program</b>  | <b>FY 2019<br/>Request</b> | <b>House<br/>Authorized</b> |
|---|----------------------------|-----------------------------|
| <b>Defense Environmental Cleanup</b>                              |                            |                             |
| <b>Closure sites:</b>   |                            |                             |
| Closure sites administration .....                                | 4,889                      | 4,889                       |
| <b>Richland:</b>  |                            |                             |
| River corridor and other cleanup operations .....                 | 89,577                     | 89,577                      |
| Central plateau remediation .....                                 | 562,473                    | 612,473                     |
| Accelerated remediation of 300-296 waste site .....               |                            | [50,000]                    |
| Richland community and regulatory support .....                   | 5,121                      | 5,121                       |
| <b>Construction:</b>  |                            |                             |
| 18-D-404 WESF Modifications and Capsule Storage .....             | 1,000                      | 1,000                       |
| <b>Total, Construction</b> .....                                  | <b>1,000</b>               | <b>1,000</b>                |
| <b>Total, Hanford site</b> .....                                  | <b>658,171</b>             | <b>708,171</b>              |
| <b>Office of River Protection:</b>                                |                            |                             |
| Waste Treatment Immobilization Plant Commissioning .....          | 15,000                     | 15,000                      |
| Rad liquid tank waste stabilization and disposition .....         | 677,460                    | 677,460                     |
| <b>Construction:</b>  |                            |                             |
| 15-D-409 Low activity waste pretreatment system, ORP .....        | 56,053                     | 56,053                      |
| 01-D-416 A-D WTP Subprojects A-D .....                            | 675,000                    | 675,000                     |
| 01-D-416 E—Pretreatment Facility .....                            | 15,000                     | 15,000                      |
| <b>Total, Construction</b> .....                                  | <b>746,053</b>             | <b>746,053</b>              |
| <b>Total, Office of River protection</b> .....                    | <b>1,438,513</b>           | <b>1,438,513</b>            |
| <b>Idaho National Laboratory:</b>                                 |                            |                             |
| SNF stabilization and disposition—2012 .....                      | 17,000                     | 17,000                      |
| Solid waste stabilization and disposition .....                   | 148,387                    | 148,387                     |
| Radioactive liquid tank waste stabilization and disposition ..... | 137,739                    | 137,739                     |
| Soil and water remediation—2035 .....                             | 42,900                     | 42,900                      |
| Idaho community and regulatory support .....                      | 3,200                      | 3,200                       |
| <b>Total, Idaho National Laboratory</b> .....                     | <b>349,226</b>             | <b>349,226</b>              |
| <b>NNSA sites and Nevada off-sites</b>                            |                            |                             |
| Lawrence Livermore National Laboratory .....                      | 1,704                      | 1,704                       |
| <b>Nuclear facility D &amp; D</b>                                 |                            |                             |
| Separations Process Research Unit .....                           | 15,000                     | 15,000                      |
| Nevada .....  | 60,136                     | 60,136                      |
| Sandia National Laboratories .....                                | 2,600                      | 2,600                       |
| Los Alamos National Laboratory .....                              | 191,629                    | 191,629                     |
| <b>Total, NNSA sites and Nevada off-sites</b> .....               | <b>271,069</b>             | <b>271,069</b>              |
| <b>Oak Ridge Reservation:</b>                                     |                            |                             |
| <b>OR Nuclear facility D &amp; D</b>                              |                            |                             |
| OR-0041—D&D - Y-12 .....  | 30,214                     | 30,214                      |
| OR-0042—D&D -ORNL .....   | 60,007                     | 60,007                      |
| <b>Total, OR Nuclear facility D &amp; D</b> .....                 | <b>90,221</b>              | <b>90,221</b>               |
| U233 Disposition Program .....                                    | 45,000                     | 45,000                      |
| <b>OR cleanup and waste disposition</b>                           |                            |                             |
| OR cleanup and disposition .....                                  | 67,000                     | 67,000                      |
| <b>Construction:</b>  |                            |                             |
| 17-D-401 On-site waste disposal facility .....                    | 5,000                      | 5,000                       |
| 14-D-403 Outfall 200 Mercury Treatment Facility .....             | 11,274                     | 11,274                      |
| <b>Total, Construction</b> .....                                  | <b>16,274</b>              | <b>16,274</b>               |
| <b>Total, OR cleanup and waste disposition</b> .....              | <b>83,274</b>              | <b>83,274</b>               |
| OR community & regulatory support .....                           | 4,711                      | 4,711                       |
| OR technology development and deployment .....                    | 3,000                      | 3,000                       |
| <b>Total, Oak Ridge Reservation</b> .....                         | <b>226,206</b>             | <b>226,206</b>              |
| <b>Savannah River Sites:</b>                                      |                            |                             |
| Nuclear Material Management .....                                 | 351,331                    | 351,331                     |
| <b>Environmental Cleanup</b>                                      |                            |                             |
| Environmental Cleanup .....                                       | 166,105                    | 166,105                     |
| <b>Construction:</b>  |                            |                             |
| 18-D-402, Emergency Operations Center .....                       | 1,259                      | 1,259                       |
| <b>Total, Environmental Cleanup</b> .....                         | <b>167,364</b>             | <b>167,364</b>              |



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|--|----------------------------|-----------------------------|
| SR community and regulatory support .....                              | 4,749                      | 4,749                       |
| Radioactive liquid tank waste stabilization and disposition .....      | 805,686                    | 805,686                     |
| <b>Construction:</b>   |                            |                             |
| 18-D-401, SDU #8/9 .....   | 37,450                     | 37,450                      |
| 17-D-402—Saltstone Disposal Unit #7 .....                              | 41,243                     | 41,243                      |
| 05-D-405 Salt waste processing facility, Savannah River Site .....     | 65,000                     | 65,000                      |
| <b>Total, Construction</b> .....                                       | <b>143,693</b>             | <b>143,693</b>              |
| <b>Total, Savannah River site</b> .....                                | <b>1,472,823</b>           | <b>1,472,823</b>            |
| <b>Waste Isolation Pilot Plant</b>                                     |                            |                             |
| Operations and maintenance .....                                       | 220,000                    | 220,000                     |
| Central characterization project .....                                 | 19,500                     | 19,500                      |
| Critical Infrastructure Repair/Replacement .....                       | 46,695                     | 46,695                      |
| Transportation .....   | 25,500                     | 25,500                      |
| <b>Construction:</b>   |                            |                             |
| 15-D-411 Safety significant confinement ventilation system, WIPP ..... | 84,212                     | 84,212                      |
| 15-D-412 Exhaust shaft, WIPP .....                                     | 1,000                      | 1,000                       |
| <b>Total, Construction</b> .....                                       | <b>85,212</b>              | <b>85,212</b>               |
| <b>Total, Waste Isolation Pilot Plant</b> .....                        | <b>396,907</b>             | <b>396,907</b>              |
| Program direction .....  | 300,000                    | 300,000                     |
| Program support .....  | 6,979                      | 6,979                       |
| Minority Serving Institution Partnership .....                         | 6,000                      | 6,000                       |
| <b>Safeguards and Security</b>   |                            |                             |
| Oak Ridge Reservation .....  | 14,023                     | 14,023                      |
| Paducah .....  | 15,577                     | 15,577                      |
| Portsmouth .....   | 15,078                     | 15,078                      |
| Richland/Hanford Site .....  | 86,686                     | 86,686                      |
| Savannah River Site .....  | 183,357                    | 183,357                     |
| Waste Isolation Pilot Project .....                                    | 6,580                      | 6,580                       |
| West Valley .....  | 3,133                      | 3,133                       |
| <b>Total, Safeguards and Security</b> .....                            | <b>324,434</b>             | <b>324,434</b>              |
| Technology development .....   | 25,000                     | 25,000                      |
| HQEF-0040—Excess Facilities .....                                      | 150,000                    | 150,000                     |
| <b>Total, Defense Environmental Cleanup</b> .....                      | <b>5,630,217</b>           | <b>5,680,217</b>            |
| <b>Other Defense Activities</b>  |                            |                             |
| <b>Environment, health, safety and security</b>                        |                            |                             |
| Environment, health, safety and security .....                         | 135,194                    | 135,194                     |
| Program direction .....  | 70,653                     | 70,653                      |
| <b>Total, Environment, Health, safety and security</b> .....           | <b>205,847</b>             | <b>205,847</b>              |
| <b>Independent enterprise assessments</b>                              |                            |                             |
| Independent enterprise assessments .....                               | 24,068                     | 24,068                      |
| Program direction .....  | 52,702                     | 52,702                      |
| <b>Total, Independent enterprise assessments</b> .....                 | <b>76,770</b>              | <b>76,770</b>               |
| Specialized security activities .....                                  | 254,378                    | 254,378                     |
| <b>Office of Legacy Management</b>                                     |                            |                             |
| Legacy management .....  | 140,575                    | 140,575                     |
| Program direction .....  | 18,302                     | 18,302                      |
| <b>Total, Office of Legacy Management</b> .....                        | <b>158,877</b>             | <b>158,877</b>              |
| <b>Defense related administrative support</b>                          |                            |                             |
| Chief financial officer .....  | 48,484                     | 48,484                      |
| Chief information officer .....  | 96,793                     | 96,793                      |
| Project management oversight and Assessments .....                     | 8,412                      | 8,412                       |
| <b>Total, Defense related administrative support</b> .....             | <b>153,689</b>             | <b>153,689</b>              |
| Office of hearings and appeals .....                                   | 5,739                      | 5,739                       |
| <b>Subtotal, Other defense activities</b> .....                        | <b>855,300</b>             | <b>855,300</b>              |
| Rescission of prior year balances (OHA) .....                          | -2,000                     | -2,000                      |
| <b>Total, Other Defense Activities</b> .....                           | <b>853,300</b>             | <b>853,300</b>              |
| <b>Defense Nuclear Waste Disposal</b>                                  |                            |                             |
| Yucca mountain and interim storage .....                               | 30,000                     | 30,000                      |
| <b>Total, Defense Nuclear Waste Disposal</b> .....                     | <b>30,000</b>              | <b>30,000</b>               |

Amend the title so as to read: “A bill to authorize appropriations for fiscal year 2019 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.”.



Union Calendar No. 521

115<sup>TH</sup> CONGRESS  
2D Session

**H. R. 5515**

[Report No. 115-676]

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**A BILL**

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

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MAY 15, 2018

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed