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# House of Representatives

EXPLANATORY STATEMENT SUBMITTED BY MR. OBEY, CHAIRMAN OF THE HOUSE COMMITTEE ON APPROPRIATIONS, REGARDING THE AMENDMENTS OF THE HOUSE OF REPRESENTATIVES TO THE SENATE AMENDMENT TO H.R. 2638

Following is an explanation of the amendment of the House of Representatives to the amendment of the Senate to H.R. 2638, the Department of Homeland Security Appropriations Act, 2008, including disclosure of congressional earmarks and congressionally directed spending items as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate.

Section 4 of the House amendment specifies that this explanatory statement shall have the same effect with respect to the allocation of funds and implementation of this Continuing Appropriations Act as if it were a joint explanatory statement of a committee of conference.

The House amendment strikes the text of the Senate amendment and inserts language continuing appropriations for fiscal year 2009, making emergency supplemental appropriations for fiscal year 2008, and covering 3 regular fiscal year 2009 appropriations bills, each in a separate division, as follows:

Division A—Continuing Appropriations Resolution, 2009;

Division B—Disaster Relief and Recovery Supplemental Appropriations Act, 2008;

Division C—Department of Defense Appropriations Act, 2009

Division D—Department of Homeland Security Appropriations Act, 2009;

Division E—Military Construction and Veterans Affairs Appropriations Act, 2009;

Section 1 of the bill provides that the bill as a whole may be referred to as the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009. Section 3 states that, unless expressly provided otherwise, any reference to ''this Act'' or ''this joint resolution'' contained in any division of the bill shall be treated as referring only to the provisions of that division.

In the following explanations, the legislation resulting from the House amendment is generally referred to simply as the ''bill''.

DIVISION A—CONTINUING APPROPRIATIONS RESOLUTION, 2009

Division A provides continuing appropriations for all agencies and activities that would be covered by the regular fiscal year 2009 appropriations bills, until enactment of the applicable regular appropriations bill or until March 6, 2009, whichever occurs first.

DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

Neither the legislative text of division A nor the accompanying explanatory statement contains any congressional earmarks, congressionally directed spending items, limited tax benefits or limited tariff benefits (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively).

DIVISION B—DISASTER RELIEF AND RECOVERY SUPPLEMENTAL APPROPRIATIONS ACT, 2008

Division B makes emergency supplemental appropriations for relief and recovery from hurricanes, floods, and other disasters. The following table summarizes the appropriations made by this division:



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DIVISION B - DISASTER RELIEF AND RECOVERY SUPPLEMENTAL APPROPRIATIONS ACT, 2008
(Amounts in thousands)

| | Bill |
|---|---|
| TITLE I | |
| RELIEF AND RECOVERY FROM NATURAL DISASTERS | |
| CHAPTER 1 | |
| DEPARTMENT OF AGRICULTURE | |
| Office of the Inspector General | |
| Salaries and expenses (emergency) | 5,000 |
| Agricultural Research Service | |
| Buildings and facilities (emergency) | 5,000 |
| Animal and Plant Health Inspection Service | |
| Salaries and expenses (emergency) | 5,000 |
| Natural Resources Conservation Service | |
| Emergency watershed protection program (emergency) | 100,000 |
| Farm Service Agency | |
| Emergency conservation program (emergency) | 115,000 |
| Rural Development Programs | |
| Rural development disaster assistance fund (emergency) | 188,000 |
| Total, Chapter 1 | 418,000 |
| CHAPTER 2 | |
| DEPARTMENT OF COMMERCE | |
| Economic Development Administration | |
| Economic development assistance programs (emergency) | 400,000 |
| National Oceanic and Atmospheric Administration | |
| Operations, research and facilities (emergency) | 86,000 |
| Procurement, acquisition, and construction (emergency) | 6,000 |
| Total, National Oceanic and Atmospheric Administration | 92,000 |
| NATIONAL AERONAUTICS AND SPACE ADMINISTRATION | |
| Exploration capabilities (emergency) | 30,000 |
| Total, Chapter 2 | 522,000 |
| CHAPTER 3 | |
| DEPARTMENT OF DEFENSE - CIVIL | |
| DEPARTMENT OF THE ARMY | |
| Corps of Engineers - Civil | |
| Construction (emergency) | 1,538,800 |
| Mississippi River and tributaries (emergency) | 82,400 |
| Operation and maintenance (emergency) | 740,000 |
| Flood control and coastal emergencies (emergency) | 415,600 |
| Total, Chapter 3 | 2,776,800 |

DIVISION B - DISASTER RELIEF AND RECOVERY SUPPLEMENTAL APPROPRIATIONS ACT, 2008
(Amounts in thousands)

| | Bill |
|---|---|
| CHAPTER 4 | |
| GENERAL SERVICES ADMINISTRATION | |
| Real Property Activities | |
| Federal Buildings Fund | |
| Construction and acquisition (emergency) | 182,000 |
| SMALL BUSINESS ADMINISTRATION | |
| Salaries and expenses (emergency) | 10,000 |
| Office of Inspector General (emergency) | 3,000 |
| Disaster Loans Program Account: | |
| Direct subsidy (emergency) | 498,000 |
| Administrative expenses (emergency) | 288,000 |
| Total, Disaster Loans Program Account | 786,000 |
| Total, Small Business Administration | 799,000 |
| Total, Chapter 4 | 981,000 |
| CHAPTER 5 | |
| DEPARTMENT OF HOMELAND SECURITY | |
| Federal Emergency Management Agency | |
| Disaster relief (emergency) | 7,960,000 |
| Disaster Assistance Direct Loan Program Account (by transfer)(emergency) | (98,150) |
| Office of Inspector General (by transfer)(emergency) | (8,000) |
| Coast Guard | |
| Acquisition, construction and improvements (emergency) | 300,000 |
| General Provisions, this Chapter | |
| Sec. 10501 (a). Disaster relief (emergency rescission) | -20,000 |
| (b). State and local programs (emergency) | 20,000 |
| Sec. 10502. American Red Cross grant (emergency) | 100,000 |
| Total, general provisions, this chapter | 100,000 |
| Total, Chapter 5 | 8,360,000 |
| CHAPTER 6 | |
| DEPARTMENT OF THE INTERIOR | |
| Bureau of Land Management | |
| Wildland fire management (emergency) | 135,000 |
| United States Fish and Wildlife Service | |
| Construction (emergency) | 75,000 |

DIVISION B - DISASTER RELIEF AND RECOVERY SUPPLEMENTAL
APPROPRIATIONS ACT, 2008
(Amounts in thousands)

| | Bill |
|---|---|
| DEPARTMENT OF AGRICULTURE | |
| Forest Service | |
| Wildland fire management (emergency) | 775,000 |
| Capital improvement and maintenance (emergency) | 30,000 |
| Total, Department of Agriculture | 805,000 |
| Total, Chapter 6 | 1,015,000 |
| CHAPTER 7 | |
| DEPARTMENT OF HEALTH AND HUMAN SERVICES | |
| Administration for Children and Families | |
| Social services block grant (emergency) | 600,000 |
| DEPARTMENT OF EDUCATION | |
| School Improvement Programs | |
| School improvement programs (emergency) | 15,000 |
| Higher Education Disaster Relief (emergency) | 15,000 |
| Total, Department of Education | 30,000 |
| Total, Chapter 7 | 630,000 |
| CHAPTER 8 | |
| DEPARTMENT OF DEFENSE | |
| Military Construction, Army National Guard (emergency) | 25,000 |
| CHAPTER 9 | |
| DEPARTMENT OF STATE | |
| International Commissions | |
| International Boundary and Water Commission, United States and Mexico: | |
| Construction (emergency) | 37,500 |
| CHAPTER 10 | |
| DEPARTMENT OF TRANSPORTATION | |
| Federal Highway Administration | |
| Emergency relief program (emergency) | 850,000 |
| Federal Railroad Administration | |
| Railroad rehabilitation and repair (emergency) | 20,000 |
| Total, Department of Transportation | 870,000 |
| DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT | |
| Public and Indian Housing | |
| Tenant-based rental assistance (emergency) | 85,000 |
| Project-based rental assistance (emergency) | 50,000 |
| Public Housing Capital Fund (emergency) | 15,000 |
| Total, Public and Indian Housing | 150,000 |

DIVISION B - DISASTER RELIEF AND RECOVERY SUPPLEMENTAL
APPROPRIATIONS ACT, 2008
(Amounts in thousands)

| | Bill |
|---|---|
| Community Planning and Development | |
| Community development fund (emergency) | 6,500,000 |
| Total, Department of Housing and Urban Development | 6,650,000 |
| Total, Chapter 10 | 7,520,000 |
| TITLE II | |
| OTHER SUPPLEMENTAL APPROPRIATIONS | |
| DEPARTMENT OF STATE | |
| Administration of Foreign Affairs | |
| Office of Inspector General (emergency) | 9,000 |
| BILATERAL ECONOMIC ASSISTANCE | |
| Other Bilateral Economic Assistance | |
| Economic Support Fund (emergency) | 465,000 |
| General Provisions, this Title | |
| Sec.20001. Bill Emerson humanitarian trust (emergency) | 100,000 |
| Total, title II | 574,000 |
| Grand total, Division B | 22,859,300 |

DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the bill or this explanatory statement, along with the name of each Senator, House Member, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. Neither the bill nor the explanatory statement contains any limited tax benefits or limited tariff benefits as defined in the applicable House and Senate rules.

## DIVISION B—DISASTER RELIEF AND RECOVERY

| Agency | Account | Project | Amount | Requester(s) |
|---|---|---|---|---|
| Corps of Engineers | Construction | Lake Pontchartrain and Vicinity, LA | $700,000,000 | The President; Landrieu, Mary L.; Vitter, David |
| Corps of Engineers | Construction | West Bank and Vicinity, LA | $350,000,000 | The President; Landrieu, Mary L.; Vitter, David |
| Corps of Engineers | Construction | Southeast Louisiana Urban Drainage, LA | $450,000,000 | The President; Landrieu, Mary L.; Vitter, David |
| FEMA | General Provision | Concerning flood insurance rate maps in certain areas in MO and IL | | Durbin, Richard; Costello, Jerry; Shimkus, John |
| FEMA | General Provision | Communications System, MS | | Cochran, Thad |
| GSA | Federal Buildings Fund | Cedar Rapids Courthouse, IA | $182,000,000 | Harkin, Tom; Grassley, Chuck; Loebsack, Dave |

## DIVISION C—DEPARTMENT OF DEFENSE APPROPRIATION ACT FISCAL YEAR 2009

Following is an explanation of the effects of division C, which makes appropriations for the Department of Defense for fiscal year 2009. As provided in section 4 of the consolidated bill, this explanatory statement shall have the same effect with respect to the allocation of funds and implementation of this division as if it were a joint explanatory statement of a committee of conference.

### DEFINITION OF PROGRAM, PROJECT, AND ACTIVITY

For the purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99–177) as amended by the Balanced Budget and Emergency Deficit Control Reaffirmation Act of 1987 (Public Law 100–119) and by the Budget Enforcement Act of 1990 (Public Law 101–508), the term program, project, and activity for appropriations contained in this Act shall be defined as the most specific level of budget items identified in the Department of Defense Appropriations Act, 2009, the related classified annexes and explanatory statements, and the P–1 and R–1 budget justification documents as subsequently modified by congressional action. The following exception to the above definition shall apply: for the military personnel and the operation and maintenance accounts, for which the term ''program, project, and activity'' is defined as the appropriations accounts contained in the Department of Defense Appropriations Act.

At the time the President submits his budget for fiscal year 2010, the Department of Defense is directed to transmit to the congressional defense committees budget justification documents to be known as the ''M–1'' and ''O–1'' which shall identify, at the budget activity, activity group, and subactivity group level, the amounts requested by the President to be appropriated to the Department of Defense for military personnel and operation and maintenance in any budget request, or amended budget request, for fiscal year 2010.

### CLASSIFIED ANNEX

Adjustments to classified programs are addressed in the accompanying classified annex.

### CONGRESSIONAL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase ''only for'' or ''only to'' are congressional special interest items for purposes of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in these materials.

### REPROGRAMMING GUIDANCE

The Department of Defense is directed to continue to follow the reprogramming guidance for acquisition accounts as specified in the House Report (H. Rept. 110–279) accompanying the Fiscal Year 2008 Department of Defense Appropriations Act. For operation and maintenance accounts, the Department of Defense shall continue to follow the reprogramming guidelines specified in the conference report accompanying H.R. 3222, the Department of Defense Appropriations Act, 2008, which are also reiterated herein under title II. The dollar threshold for reprogramming funds shall remain at $15,000,000 for operation and maintenance; $20,000,000 for procurement; and $10,000,000 for research, development, test and evaluation.

Also, the Under Secretary of Defense, Comptroller, is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for service and defense-wide accounts in titles I, II, III and IV of this Act. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative. Therefore, if the combined value of transfers into or out of operation and maintenance (O–1), a procurement (P–1) or research, development, test and evaluation (R–1) line exceed the identified threshold, the Department of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in these materials.

### FUNDING INCREASES

The funding increases outlined in the tables for each appropriation account shall be provided only for the specific purposes indicated in the tables.

## TITLE I—MILITARY PERSONNEL

For Military Personnel, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| MILITARY PERSONNEL, ARMY | 36,523,817 | 36,382,736 | -141,081 |
| MILITARY PERSONNEL, NAVY | 24,080,598 | 24,037,553 | -43,045 |
| MILITARY PERSONNEL, MARINE CORPS | 11,809,845 | 11,792,974 | -16,871 |
| MILITARY PERSONNEL, AIR FORCE | 25,271,443 | 25,103,789 | -167,654 |
| RESERVE PERSONNEL, ARMY | 3,921,796 | 3,904,296 | -17,500 |
| RESERVE PERSONNEL, NAVY | 1,869,968 | 1,855,968 | -14,000 |
| RESERVE PERSONNEL, MARINE CORPS | 594,910 | 584,910 | -10,000 |
| RESERVE PERSONNEL, AIR FORCE | 1,436,676 | 1,423,676 | -13,000 |
| NATIONAL GUARD PERSONNEL, ARMY | 6,595,293 | 6,616,220 | +20,927 |
| NATIONAL GUARD PERSONNEL, AIR FORCE | 2,791,994 | 2,741,768 | -50,226 |
| GRAND TOTAL, MILITARY PERSONNEL | 114,896,340 | 114,443,890 | -452,450 |

## Summary of Military Personnel End Strength

| | Fiscal Year 2009 | | |
|---|---|---|---|
| | Budget Request | Recommendation | Change from Request |
| Active Forces (End Strength) | | | |
| Army | 532,400 | 532,400 | - |
| Navy | 325,300 | 325,300 | - |
| Marine Corps | 194,000 | 194,000 | - |
| Air Force | 316,600 | 316,771 | +171 |
| Total, Active Forces | 1,368,300 | 1,368,471 | +171 |
| Guard and Reserve Forces (End Strength) | | | |
| Army Reserve | 205,000 | 205,000 | - |
| Navy Reserve | 66,700 | 66,700 | - |
| Marine Corps Reserve | 39,600 | 39,600 | - |
| Air Force Reserve | 67,400 | 67,400 | - |
| Army National Guard | 352,600 | 352,600 | - |
| Air National Guard | 106,700 | 106,756 | +56 |
| Total, Selected Reserve | 838,000 | 838,056 | +56 |
| Total, Military Personnel | 2,206,300 | 2,206,527 | +227 |

## Summary of Guard and Reserve Full-Time Support

| | Fiscal Year 2009 | | |
|---|---|---|---|
| | Budget Request | Recommendation | Change from Request |
| Army Reserve: | | | |
| AGR | 16,170 | 16,261 | +91 |
| Technicians | 8,990 | 8,990 | - |
| Navy Reserve: | | | |
| AGR | 11,099 | 11,099 | - |
| Marine Corps Reserve: | | | |
| AGR | 2,261 | 2,261 | - |
| Air Force Reserve: | | | |
| AGR | 2,733 | 2,733 | - |
| Technicians | 10,093 | 10,093 | - |
| Army National Guard: | | | |
| AGR | 29,950 | 32,060 | +2,110 |
| Technicians | 28,810 | 28,810 | - |
| Air National Guard: | | | |
| AGR | 14,337 | 14,337 | - |
| Technicians | 22,802 | 22,802 | - |
| Totals: | | | |
| AGR | 76,550 | 78,751 | +2,201 |
| Technicians | 70,695 | 70,695 | - |
| Total Full-Time Support | 147,245 | 149,446 | +2,201 |

STOP LOSS

The Department of Defense continues to involuntarily extend the service commitments of active duty and selected reserve servicemembers. These extensions, known as stop loss, are used to retain servicemembers an average of six months beyond their initial end-of-term-of-service date. Although the Secretary of Defense has tried to minimize the use of this practice, the Army continues to use stop loss for its active and reserve components, arguing that it allows the Service to maintain unit integrity. However, the continued use of stop loss remains a concern as it may undermine the morale of the Nation's servicemembers and the voluntary nature of the Armed Forces.

Therefore, the Secretary of Defense and the Services are directed to provide stop loss data as part of the end-strength portion of the fiscal year 2010 military personnel budget justification material and a report to the congressional defense committees that examines the impact, if any, stop loss has had on recruiting and any correlations between extended deployments, often involving stop-lossed servicemembers, and domestic assaults, sexual assaults and alcohol offenses. This report shall be submitted no later than 180 days after enactment of this Act. Furthermore, the Secretary of Defense shall submit to the congressional defense committees a report containing the results of a study evaluating the feasibility and costs of providing a special pay, in the manner authorized by section 8116, to all members of the Army, Navy, Air Force, and Marine Corps, including former and retired members, who at any time during the period beginning on October 1, 2001, and ending on September 30, 2008, served on active duty while the member's enlistment or period of obligated service was extended, or whose eligibility for retirement was suspended. This report shall be submitted no later than 60 days after enactment of this Act.

CASH INCENTIVES

The Department has initiated many programs that rely solely on cash incentives when enlisting new recruits and retaining current personnel. While these cash incentives have enhanced recruitment and retention efforts and helped the Services meet their end-strength goals, there is concern that the Services have increased both the size and scope of these cash incentives without performance metrics to determine whether these bonuses are cost effective and necessary in light of the other, improved personnel benefits now being provided. Accordingly, the Secretary of Defense is directed to provide a report to the congressional defense committees that describes these cash incentives, specifically to include: the number of cash incentives used for recruitment and retention; the average amount provided for each military occupational specialty; the length of contract required for each type of enlistment and reenlistment bonus; and the performance metrics used to determine the effectiveness of, and requirement for, various levels of bonus compensation. This report shall be submitted not later than February 1, 2009.

REALIGNMENT OF FUNDS

Funds were realigned within the Military Personnel, Air Force, account to support Air Force efforts to halt its personnel drawdown. The Air Force had been on course to drawdown end strength from 329,563 to 316,600 in fiscal year 2009. However, they have recently changed course to support a manning level of 326,000 airmen and grow to 330,000 in fiscal year 2010. This newly planned personnel growth, along with readjusted cost calculations, has led to savings in officer voluntary separation pay and permanent change of station expenses and has created additional costs in enlisted personnel pay and allowances. The majority of these savings have been realigned to fund the enlisted personnel increase. The remainder of the savings was not realigned as the Air Force, which is already below its planned end-strength, will likely not achieve its end-strength goal of 326,000.

DWELL TIME

The Army and Marine Corps active duty and reserve personnel have experienced reduced dwell time due to an accelerated deployment cycle. This reduction in dwell time has placed a significant strain on servicemembers, their families, and the employers of reservists. In addition, the frequent and extended deployments of National Guard and Reserve personnel have left our Nation more vulnerable during national emergencies, such as forest fires and hurricane disaster evacuation and response. Reduced dwell time has further contributed to reduced opportunities to train for the full spectrum of combat missions. Although the Services expect to return to more normal deployment lengths at the end of fiscal year 2008, the Secretary of Defense is directed to provide a report on the unit rotation cycle (i.e., the patch report) to the congressional defense committees within 30 days of the end of each quarter.

HEALTH PROFESSIONS SCHOLARSHIP PROGRAM

Personnel shortages in numerous medical specialties across the Services remain a concern. Recruiting and retaining these specialized personnel has proven to be challenging. The health professions scholarship program has been a successful tool in recruiting military medical personnel and, for this reason, it is disappointing that the Army and Air Force health professions scholarship programs are significantly underfunded in the budget request. To support continued efforts to recruit military medical personnel, an additional $18,400,000 in Reserve Personnel, Army, and $13,000,000 in Reserve Personnel, Air Force are included for the health professions scholarship program. This additional funding shall be used solely for this purpose. The Services are expected to fully fund this program in fiscal year 2010.

RESERVE COMPONENT PARTICIPATION RATE AND MOBILIZATION ASSUMPTIONS

When constructing reserve personnel budgets, planners must project what percentage of reservists is likely to participate in annual training and weekend drills. Since operations began in Afghanistan and Iraq, participation levels have varied widely based on the number of mobilized reservists who are unavailable to drill and the number of reservists using extra drill periods to perform pre-mobilization training. Some Services have incorporated these factors into their projections, while others have not. Currently, there is no Department-wide guidance on the assumptions and methodology that should be used when budgeting for future-year annual training and weekend drill participation rates. This lack of guidance has led to unjustified growth in the Pay Group A and B accounts for several reserve components. For fiscal year 2009, funding has again been shifted from these activities to other activities within the same account where shortfalls were identified.

The deployment of Active Guard and Reserve (AGR) personnel has also complicated the process of budgeting for full time personnel costs. Deployed AGRs from some reserve components are paid from reserve personnel accounts, while AGRs from other reserve components are paid from active duty accounts. It is not clear that these reserve components have accurately incorporated AGR deployment assumptions and the corresponding personnel savings into their AGR cost analysis.

The Secretary of Defense is directed to work with the Services to establish guidelines for what assumptions and methodology should be used when constructing future-year training participation rate and AGR cost projections. The Department is directed to provide a report to the congressional defense committees that details the guidance issued to the Services. This report shall be submitted not later than February 15, 2009.

RESERVE COMPONENT BUDGET STRUCTURE

In fiscal year 2008, Congress extended testing of a consolidated budget structure for the reserve components' military personnel accounts. Since that time, the single budget activity format has provided additional spending flexibility to the reserve components. Therefore, the consolidated budget structure shall be made permanent with the understanding that the Department will submit quarterly reports to the congressional defense committees showing all transfers between activities and sub-activities of each reserve personnel appropriation. The reports shall provide separate explanations for all transfers that equal, exceed, or cumulate to $2,000,000; and a beginning and ending total by line item. The report shall be due 30 days following the end of each quarter.

GOVERNMENT ACCOUNTABILITY OFFICE UNOBLIGATED BALANCE AND END-STRENGTH REPORTS

The Government Accountability Office is requested to continue its annual analysis of military personnel unobligated balances and end-strength levels. These reports serve as an important resource for Congress' budgetary analysis. The reports should be submitted to the congressional defense committees not later than May 15th of each year.

BOOTS-ON-THE-GROUND AND COST OF WAR REPORTING

There remains a continuing need for accurate and timely information on actual/estimated costs and deployment numbers associated with Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). Therefore, not later than the 10th day of each month following the enactment of this Act, the Secretary of Defense is directed to submit to the congressional defense committees:

(1) a ''Boots-on-the-Ground'' report providing, for the most recent month for which data is available, the total number of troops deployed in support of OIF and OEF, further delineated by service and component (active, Reserve, or National Guard) and a monthly estimate for the three-month period following the date such report is submitted of the total number of troops expected to be deployed in support of OIF and OEF, further delineated by service and component (active, Reserve, or National Guard). This report may be submitted in classified form; and

(2) a monthly report of funds obligated in support of OIF and OEF covering the most recent period for which data are available, by month and fiscal year. This report shall be delineated and summarized by operation, by military service, by component (active, Reserve, or National Guard), and by appropriations account.

MILITARY PERSONNEL, ARMY

For Military Personnel, Army, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 50 MILITARY PERSONNEL, ARMY | | | |
| 100 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 150 BASIC PAY | 5,490,045 | 5,490,045 | --- |
| 200 RETIRED PAY ACCRUAL | 1,603,046 | 1,603,046 | --- |
| 250 BASIC ALLOWANCE FOR HOUSING | 1,633,161 | 1,633,161 | --- |
| 300 BASIC ALLOWANCE FOR SUBSISTENCE | 213,805 | 213,805 | --- |
| 350 INCENTIVE PAYS | 105,273 | 105,273 | --- |
| 400 SPECIAL PAYS | 315,178 | 302,874 | -12,304 |
| 450 ALLOWANCES | 130,409 | 130,409 | --- |
| 500 SEPARATION PAY | 56,471 | 56,471 | --- |
| 550 SOCIAL SECURITY TAX | 419,439 | 419,439 | --- |
| 600 TOTAL, BUDGET ACTIVITY 1 | 9,966,827 | 9,954,523 | -12,304 |
| 650 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 700 BASIC PAY | 12,288,160 | 12,288,160 | --- |
| 750 RETIRED PAY ACCRUAL | 3,588,132 | 3,588,132 | --- |
| 800 BASIC ALLOWANCE FOR HOUSING | 3,744,251 | 3,744,251 | --- |
| 850 INCENTIVE PAYS | 91,473 | 91,473 | --- |
| 900 SPECIAL PAYS | 975,427 | 914,150 | -61,277 |
| 950 ALLOWANCES | 645,897 | 645,897 | --- |
| 1000 SEPARATION PAY | 234,252 | 234,252 | --- |
| 1050 SOCIAL SECURITY TAX | 940,037 | 940,037 | --- |
| 1100 TOTAL, BUDGET ACTIVITY 2 | 22,507,629 | 22,446,352 | -61,277 |
| 1150 ACTIVITY 3: PAY AND ALLOW OF CADETS | | | |
| 1200 ACADEMY CADETS | 61,496 | 61,496 | --- |
| 1250 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 1300 BASIC ALLOWANCE FOR SUBSISTENCE | 1,130,401 | 1,130,401 | --- |
| 1350 SUBSISTENCE-IN-KIND | 772,209 | 772,209 | --- |
| 1400 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 638 | 638 | --- |
| 1450 TOTAL, BUDGET ACTIVITY 4 | 1,903,248 | 1,903,248 | --- |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 1500 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 1550 ACCESSION TRAVEL | 267,164 | 262,164 | -5,000 |
| 1600 TRAINING TRAVEL | 117,430 | 109,930 | -7,500 |
| 1650 OPERATIONAL TRAVEL | 372,731 | 360,231 | -12,500 |
| 1700 ROTATIONAL TRAVEL | 809,132 | 784,132 | -25,000 |
| 1750 SEPARATION TRAVEL | 251,729 | 234,229 | -17,500 |
| 1800 TRAVEL OF ORGANIZED UNITS | 28,368 | 28,368 | --- |
| 1850 NON-TEMPORARY STORAGE | 26,977 | 26,977 | --- |
| 1900 TEMPORARY LODGING EXPENSE | 57,176 | 57,176 | --- |
| 1950 TOTAL, BUDGET ACTIVITY 5 | 1,930,707 | 1,863,207 | -67,500 |
| 2000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 2050 APPREHENSION OF MILITARY DESERTERS | 1,059 | 1,059 | --- |
| 2100 INTEREST ON UNIFORMED SERVICES SAVINGS | 657 | 657 | --- |
| 2150 DEATH GRATUITIES | 49,100 | 49,100 | --- |
| 2200 UNEMPLOYMENT BENEFITS | 172,666 | 172,666 | --- |
| 2250 EDUCATION BENEFITS | 3,108 | 3,108 | --- |
| 2300 ADOPTION EXPENSES | 1,598 | 1,598 | --- |
| 2350 TRANSPORTATION SUBSIDY | 7,428 | 7,428 | --- |
| 2400 PARTIAL DISLOCATION ALLOWANCE | 2,655 | 2,655 | --- |
| 2450 RESERVE OFFICERS TRAINING CORPS (ROTC) | 123,602 | 123,602 | --- |
| 2500 JUNIOR ROTC | 39,857 | 39,857 | --- |
| 2550 TOTAL, BUDGET ACTIVITY 6 | 401,730 | 401,730 | --- |
| 2600 LESS REIMBURSABLES | -247,820 | -247,820 | --- |
| 2700 TOTAL, ACTIVE FORCES, ARMY | 36,523,817 | 36,382,736 | -141,081 |
| 6300 TOTAL, MILITARY PERSONNEL, ARMY | 36,523,817 | 36,382,736 | -141,081 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: PAY AND ALLOWANCES OF OFFICERS** | | |
| **SPECIAL PAYS** | **315,178** | **302,874** |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -7,560 |
| Hostile Fire Pay - Defer Consideration to GWOT Supplemental | | -4,744 |
| **BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL** | | |
| **SPECIAL PAYS** | **975,427** | **914,150** |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -45,000 |
| Hostile Fire Pay - Defer Consideration to GWOT Supplemental | | -16,277 |
| **BA-5: PERMANENT CHANGE OF STATION** | | |
| **ACCESSION TRAVEL** | **267,164** | **262,164** |
| Excessive Growth | | -5,000 |
| **TRAINING TRAVEL** | **117,430** | **109,930** |
| Excessive Growth | | -7,500 |
| **OPERATIONAL TRAVEL** | **372,731** | **360,231** |
| Excessive Growth | | -12,500 |
| **ROTATIONAL TRAVEL** | **809,132** | **784,132** |
| Excessive Growth | | -25,000 |
| **SEPARATION TRAVEL** | **251,729** | **234,229** |
| Excessive Growth | | -17,500 |

MILITARY PERSONNEL, NAVY

For Military Personnel, Navy, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 6400 MILITARY PERSONNEL, NAVY | | | |
| 6450 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 6500 BASIC PAY | 3,430,563 | 3,430,563 | --- |
| 6550 RETIRED PAY ACCRUAL | 1,000,408 | 1,000,408 | --- |
| 6600 BASIC ALLOWANCE FOR HOUSING | 1,161,179 | 1,161,179 | --- |
| 6650 BASIC ALLOWANCE FOR SUBSISTENCE | 126,874 | 126,874 | --- |
| 6700 INCENTIVE PAYS | 166,850 | 166,850 | --- |
| 6750 SPECIAL PAYS | 368,156 | 364,511 | -3,645 |
| 6800 ALLOWANCES | 109,483 | 109,483 | --- |
| 6850 SEPARATION PAY | 33,631 | 33,631 | --- |
| 6900 SOCIAL SECURITY TAX | 260,985 | 260,985 | --- |
| 6950 TOTAL, BUDGET ACTIVITY 1 | 6,658,129 | 6,654,484 | -3,645 |
| 7000 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 7050 BASIC PAY | 7,786,068 | 7,786,068 | --- |
| 7100 RETIRED PAY ACCRUAL | 2,272,782 | 2,272,782 | --- |
| 7150 BASIC ALLOWANCE FOR HOUSING | 3,452,761 | 3,452,761 | --- |
| 7200 INCENTIVE PAYS | 106,960 | 106,960 | --- |
| 7250 SPECIAL PAYS | 943,079 | 915,679 | -27,400 |
| 7300 ALLOWANCES | 562,579 | 562,579 | --- |
| 7350 SEPARATION PAY | 128,466 | 128,466 | --- |
| 7400 SOCIAL SECURITY TAX | 595,634 | 595,634 | --- |
| 7450 TOTAL, BUDGET ACTIVITY 2 | 15,848,329 | 15,820,929 | -27,400 |
| 7500 ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN | | | |
| 7550 MIDSHIPMEN | 62,565 | 62,565 | --- |
| 7600 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 7650 BASIC ALLOWANCE FOR SUBSISTENCE | 590,769 | 590,769 | --- |
| 7700 SUBSISTENCE-IN-KIND | 354,028 | 354,028 | --- |
| 7750 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 11 | 11 | --- |
| 7800 TOTAL, BUDGET ACTIVITY 4 | 944,808 | 944,808 | --- |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 7850 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 7900 ACCESSION TRAVEL | 82,223 | 82,223 | --- |
| 7950 TRAINING TRAVEL | 71,890 | 71,890 | --- |
| 8000 OPERATIONAL TRAVEL | 205,866 | 205,866 | --- |
| 8050 ROTATIONAL TRAVEL | 281,934 | 281,934 | --- |
| 8100 SEPARATION TRAVEL | 111,890 | 111,890 | --- |
| 8150 TRAVEL OF ORGANIZED UNITS | 20,345 | 20,345 | --- |
| 8200 NON-TEMPORARY STORAGE | 7,058 | 7,058 | --- |
| 8250 TEMPORARY LODGING EXPENSE | 6,956 | 6,956 | --- |
| 8300 OTHER | 6,272 | 6,272 | --- |
| 8350 TOTAL, BUDGET ACTIVITY 5 | 794,434 | 794,434 | --- |
| 8400 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 8450 APPREHENSION OF MILITARY DESERTERS | 477 | 477 | --- |
| 8500 INTEREST ON UNIFORMED SERVICES SAVINGS | 1,190 | 1,190 | --- |
| 8550 DEATH GRATUITIES | 25,400 | 25,400 | --- |
| 8600 UNEMPLOYMENT BENEFITS | 60,034 | 60,034 | --- |
| 8650 EDUCATION BENEFITS | 7,156 | 7,156 | --- |
| 8700 ADOPTION EXPENSES | 300 | 300 | --- |
| 8750 TRANSPORTATION SUBSIDY | 5,963 | 5,963 | --- |
| 8800 PARTIAL DISLOCATION ALLOWANCE | 548 | 548 | --- |
| 8900 RESERVE OFFICERS TRAINING CORPS (ROTC) | 20,246 | 20,246 | --- |
| 8950 JUNIOR R.O.T.C | 13,493 | 13,493 | --- |
| 9000 TOTAL, BUDGET ACTIVITY 6 | 134,807 | 134,807 | --- |
| 9050 LESS REIMBURSABLES | -362,474 | -362,474 | --- |
| 9100 UNDISTRIBUTED ADJUSTMENT | --- | -12,000 | -12,000 |
| 9200 TOTAL, ACTIVE FORCES, NAVY | 24,080,598 | 24,037,553 | -43,045 |
| 11000 TOTAL, MILITARY PERSONNEL, NAVY | 24,080,598 | 24,037,553 | -43,045 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: PAY AND ALLOWANCES OF OFFICERS** | | |
| **SPECIAL PAYS** | **368,156** | **364,511** |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -1,463 |
| Imminent Danger Pay - Defer Consideration to GWOT Supplemental | | -2,182 |
| **BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL** | | |
| **SPECIAL PAYS** | **943,079** | **915,679** |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -7,400 |
| Reenlistment Bonus- Excess to Requirement | | -20,000 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-12,000** |
| Unobligated/Unexpended Balances | | -12,000 |

MILITARY PERSONNEL, MARINE CORPS

For Military Personnel, Marine Corps, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 12000 MILITARY PERSONNEL, MARINE CORPS | | | |
| 12050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 12100 BASIC PAY | 1,280,845 | 1,280,845 | --- |
| 12150 RETIRED PAY ACCRUAL | 373,135 | 373,135 | --- |
| 12200 BASIC ALLOWANCE FOR HOUSING | 403,572 | 403,572 | --- |
| 12250 BASIC ALLOWANCE FOR SUBSISTENCE | 50,575 | 50,575 | --- |
| 12300 INCENTIVE PAYS | 49,675 | 49,675 | --- |
| 12350 SPECIAL PAYS | 15,992 | 15,723 | -269 |
| 12400 ALLOWANCES | 32,033 | 32,033 | --- |
| 12450 SEPARATION PAY | 14,186 | 14,186 | --- |
| 12500 SOCIAL SECURITY TAX | 97,985 | 97,985 | --- |
| 12550 TOTAL, BUDGET ACTIVITY 1 | 2,317,998 | 2,317,729 | -269 |
| 12600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 12650 BASIC PAY | 4,415,953 | 4,415,953 | --- |
| 12700 RETIRED PAY ACCRUAL | 1,289,091 | 1,289,091 | --- |
| 12750 BASIC ALLOWANCE FOR HOUSING | 1,338,567 | 1,338,567 | --- |
| 12800 INCENTIVE PAYS | 8,681 | 8,681 | --- |
| 12850 SPECIAL PAYS | 558,693 | 556,091 | -2,602 |
| 12900 ALLOWANCES | 259,465 | 259,465 | --- |
| 12950 SEPARATION PAY | 79,279 | 79,279 | --- |
| 13000 SOCIAL SECURITY TAX | 337,821 | 337,821 | --- |
| 13050 TOTAL, BUDGET ACTIVITY 2 | 8,287,550 | 8,284,948 | -2,602 |
| 13100 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 13150 BASIC ALLOWANCE FOR SUBSISTENCE | 416,397 | 416,397 | --- |
| 13200 SUBSISTENCE-IN-KIND | 260,847 | 260,847 | --- |
| 13250 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 750 | 750 | --- |
| 13300 TOTAL, BUDGET ACTIVITY 4 | 677,994 | 677,994 | --- |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 13350 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 13400 ACCESSION TRAVEL | 68,387 | 68,387 | --- |
| 13450 TRAINING TRAVEL | 13,128 | 13,128 | --- |
| 13500 OPERATIONAL TRAVEL | 134,180 | 134,180 | --- |
| 13550 ROTATIONAL TRAVEL | 162,944 | 162,944 | --- |
| 13600 SEPARATION TRAVEL | 66,924 | 66,924 | --- |
| 13650 TRAVEL OF ORGANIZED UNITS | 2,139 | 2,139 | --- |
| 13700 NON-TEMPORARY STORAGE | 6,801 | 6,801 | --- |
| 13750 TEMPORARY LODGING EXPENSE | 16,201 | 16,201 | --- |
| 13800 OTHER | 3,248 | 3,248 | --- |
| 13850 TOTAL, BUDGET ACTIVITY 5 | 473,952 | 473,952 | --- |
| 13900 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 13950 APPREHENSION OF MILITARY DESERTERS | 1,747 | 1,747 | --- |
| 14000 INTEREST ON UNIFORMED SERVICES SAVINGS | 18 | 18 | --- |
| 14050 DEATH GRATUITIES | 16,800 | 16,800 | --- |
| 14100 UNEMPLOYMENT BENEFITS | 54,176 | 54,176 | --- |
| 14150 EDUCATION BENEFITS | 135 | 135 | --- |
| 14200 ADOPTION EXPENSES | 380 | 380 | --- |
| 14250 TRANSPORTATION SUBSIDY | 2,049 | 2,049 | --- |
| 14300 PARTIAL DISLOCATION ALLOWANCE | 714 | 714 | --- |
| 14400 JUNIOR R.O.T.C | 4,250 | 4,250 | --- |
| 14450 TOTAL, BUDGET ACTIVITY 6 | 80,269 | 80,269 | --- |
| 14500 LESS REIMBURSABLES | -27,918 | -27,918 | --- |
| 14600 UNDISTRIBUTED ADJUSTMENT | --- | -14,000 | -14,000 |
| 14650 TOTAL, ACTIVE FORCES, MARINE CORPS | 11,809,845 | 11,792,974 | -16,871 |
| 16000 TOTAL, MILITARY PERSONNEL, MARINE CORPS | 11,809,845 | 11,792,974 | -16,871 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: PAY AND ALLOWANCES OF OFFICERS** | | |
| **SPECIAL PAYS** | **15,992** | **15,723** |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -269 |
| **BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL** | | |
| **SPECIAL PAYS** | **558,693** | **556,091** |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -2,602 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-14,000** |
| Unobligated/Unexpended Balances | | -14,000 |

MILITARY PERSONNEL, AIR FORCE

For Military Personnel, Air Force, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 17000 MILITARY PERSONNEL, AIR FORCE | | | |
| 17050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 17100 BASIC PAY | 4,418,967 | 4,418,967 | --- |
| 17150 RETIRED PAY ACCRUAL | 1,290,338 | 1,290,338 | --- |
| 17200 BASIC ALLOWANCE FOR HOUSING | 1,160,384 | 1,160,384 | --- |
| 17250 BASIC ALLOWANCE FOR SUBSISTENCE | 162,425 | 162,425 | --- |
| 17300 INCENTIVE PAYS | 269,520 | 269,520 | --- |
| 17350 SPECIAL PAYS | 280,852 | 272,641 | -8,211 |
| 17400 ALLOWANCES | 110,344 | 110,344 | --- |
| 17450 SEPARATION PAY | 391,502 | 225,947 | -165,555 |
| 17500 SOCIAL SECURITY TAX | 336,335 | 336,335 | --- |
| 17550 TOTAL, BUDGET ACTIVITY 1 | 8,420,667 | 8,246,901 | -173,766 |
| 17600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 17650 BASIC PAY | 7,914,059 | 8,085,467 | +171,408 |
| 17700 RETIRED PAY ACCRUAL | 2,310,905 | 2,310,905 | --- |
| 17750 BASIC ALLOWANCE FOR HOUSING | 2,550,817 | 2,550,817 | --- |
| 17800 INCENTIVE PAYS | 35,116 | 35,116 | --- |
| 17850 SPECIAL PAYS | 293,186 | 253,743 | -39,443 |
| 17900 ALLOWANCES | 529,092 | 529,092 | --- |
| 17950 SEPARATION PAY | 145,507 | 145,507 | --- |
| 18000 SOCIAL SECURITY TAX | 605,426 | 605,426 | --- |
| 18050 TOTAL, BUDGET ACTIVITY 2 | 14,384,108 | 14,516,073 | +131,965 |
| 18100 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS | | | |
| 18150 ACADEMY CADETS | 61,132 | 61,132 | --- |
| 18200 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERS | | | |
| 18250 BASIC ALLOWANCE FOR SUBSISTENCE | 791,663 | 791,663 | --- |
| 18300 SUBSISTENCE-IN-KIND | 144,862 | 144,862 | --- |
| 18350 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 24 | 24 | --- |
| 18400 TOTAL, BUDGET ACTIVITY 4 | 936,549 | 936,549 | --- |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 18450 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 18500 ACCESSION TRAVEL | 96,162 | 96,162 | --- |
| 18550 TRAINING TRAVEL | 76,778 | 76,778 | --- |
| 18600 OPERATIONAL TRAVEL | 430,836 | 430,836 | --- |
| 18650 ROTATIONAL TRAVEL | 652,314 | 652,314 | --- |
| 18700 SEPARATION TRAVEL | 264,276 | 264,276 | --- |
| 18750 TRAVEL OF ORGANIZED UNITS | 22,995 | 22,995 | --- |
| 18800 NON-TEMPORARY STORAGE | 55,570 | 55,570 | --- |
| 18850 TEMPORARY LODGING EXPENSE | 37,891 | 37,891 | --- |
| 18900 OTHER | --- | -105,853 | -105,853 |
| 18950 TOTAL, BUDGET ACTIVITY 5 | 1,636,822 | 1,530,969 | -105,853 |
| 19000 ACTIVITY 6: OTHER MILITARY PERS COSTS | | | |
| 19050 APPREHENSION OF MILITARY DESERTERS | 89 | 89 | --- |
| 19100 INTEREST ON UNIFORMED SERVICES SAVINGS | 1,318 | 1,318 | --- |
| 19150 DEATH GRATUITIES | 19,500 | 19,500 | --- |
| 19200 UNEMPLOYMENT BENEFITS | 55,317 | 55,317 | --- |
| 19250 SURVIVOR BENEFITS | 1,184 | 1,184 | --- |
| 19300 EDUCATION BENEFITS | 486 | 486 | --- |
| 19350 ADOPTION EXPENSES | 611 | 611 | --- |
| 19400 TRANSPORTATION SUBSIDY | 4,966 | 4,966 | --- |
| 19450 PARTIAL DISLOCATION ALLOWANCE | 2,297 | 2,297 | --- |
| 19550 RESERVE OFFICERS TRAINING CORPS (ROTC) | 44,552 | 44,552 | --- |
| 19600 JUNIOR ROTC | 21,022 | 21,022 | --- |
| 19650 TOTAL, BUDGET ACTIVITY 6 | 151,342 | 151,342 | --- |
| 19700 LESS REIMBURSABLES | -319,177 | -319,177 | --- |
| 19750 UNDISTRIBUTED ADJUSTMENT | --- | -20,000 | -20,000 |
| 19800 TOTAL, ACTIVE FORCES, AIR FORCE | 25,271,443 | 25,103,789 | -167,654 |
| 21000 TOTAL, MILITARY PERSONNEL, AIR FORCE | 25,271,443 | 25,103,789 | -167,654 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: PAY AND ALLOWANCES OF OFFICERS** | | |
| **SPECIAL PAYS** | **280,852** | **272,641** |
| Hostile Fire Pay - Defer Consideration to GWOT Supplemental | | -6,670 |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -1,541 |
| **SEPARATION PAY** | **391,502** | **225,947** |
| Excess to Requirements | | -165,555 |
| **BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL** | | |
| **BASIC PAY** | **7,914,059** | **8,085,467** |
| End Strength Growth | | 171,408 |
| **SPECIAL PAYS** | **293,186** | **253,743** |
| Hostile Fire Pay - Defer Consideration to GWOT Supplemental | | -31,855 |
| Hardship Duty Pay - Defer Consideration to GWOT Supplemental | | -7,588 |
| **BA-5: PERMANENT CHANGE OF STATION** | | |
| **OTHER** | | **-105,853** |
| Excess to Requirements | | -105,853 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-20,000** |
| Underexecution of End Strength | | -20,000 |

RESERVE PERSONNEL, ARMY

For Reserve Personnel, Army, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 23000 RESERVE PERSONNEL, ARMY | | | |
| 23050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 23100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 1,157,222 | 1,157,222 | --- |
| 23150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)..... | 38,568 | 38,568 | --- |
| 23200 PAY GROUP F TRAINING (RECRUITS)..... | 202,217 | 202,217 | --- |
| 23250 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 9,037 | 9,037 | --- |
| 23300 MOBILIZATION TRAINING ..... | 19,870 | 19,870 | --- |
| 23350 SCHOOL TRAINING..... | 194,979 | 194,979 | --- |
| 23400 SPECIAL TRAINING..... | 177,124 | 177,124 | --- |
| 23450 ADMINISTRATION AND SUPPORT..... | 1,938,381 | 1,943,081 | +4,700 |
| 23500 EDUCATION BENEFITS..... | 92,039 | 92,039 | --- |
| 23550 HEALTH PROFESSION SCHOLARSHIP ..... | 35,321 | 53,721 | +18,400 |
| 23600 OTHER PROGRAMS ..... | 57,038 | 57,038 | --- |
| 23650 TOTAL, BUDGET ACTIVITY 1..... | 3,921,796 | 3,944,896 | +23,100 |
| 23800 UNDISTRIBUTED ADJUSTMENT..... | --- | -40,600 | -40,600 |
| 24000 TOTAL RESERVE PERSONNEL, ARMY..... | 3,921,796 | 3,904,296 | -17,500 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: UNIT AND INDIVIDUAL TRAINING** | | |
| **ADMINISTRATION AND SUPPORT** | **1,938,381** | **1,943,081** |
| Full Time Support (AGRs) | | 4,700 |
| **HEALTH PROFESSION SCHOLARSHIP** | **35,321** | **53,721** |
| Identified Shortfall | | 18,400 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-40,600** |
| Underexecution of End Strength | | -19,600 |
| Unobligated/Unexpended Balances | | -21,000 |

RESERVE PERSONNEL, NAVY

For Reserve Personnel, Navy, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 26000 RESERVE PERSONNEL, NAVY | | | |
| 26050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 26100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 612,049 | 598,049 | -14,000 |
| 26150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 8,337 | 8,337 | --- |
| 26200 PAY GROUP F TRAINING (RECRUITS)..... | 48,568 | 48,568 | --- |
| 26250 MOBILIZATION TRAINING..... | 7,961 | 7,961 | --- |
| 26300 SCHOOL TRAINING..... | 35,089 | 35,089 | --- |
| 26350 SPECIAL TRAINING..... | 70,295 | 70,295 | --- |
| 26400 ADMINISTRATION AND SUPPORT..... | 1,043,388 | 1,043,388 | --- |
| 26450 EDUCATION BENEFITS..... | 5,565 | 5,565 | --- |
| 26500 HEALTH PROFESSION SCHOLARSHIP..... | 38,716 | 38,716 | --- |
| 26550 TOTAL, BUDGET ACTIVITY 1..... | 1,869,968 | 1,855,968 | -14,000 |
| 27000 TOTAL, RESERVE PERSONNEL, NAVY..... | 1,869,968 | 1,855,968 | -14,000 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: UNIT AND INDIVIDUAL TRAINING** | | |
| **PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)** | **612,049** | **598,049** |
| Excessive Growth | | -14,000 |

RESERVE PERSONNEL, MARINE CORPS

For Reserve Personnel, Marine Corps, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 28000 RESERVE PERSONNEL, MARINE CORPS | | | |
| 28050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 28100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 178,749 | 178,749 | --- |
| 28150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)..... | 34,485 | 30,485 | -4,000 |
| 28200 PAY GROUP F TRAINING (RECRUITS)..... | 95,858 | 95,858 | --- |
| 28300 MOBILIZATION TRAINING..... | 2,920 | 2,920 | --- |
| 28350 SCHOOL TRAINING..... | 14,870 | 14,870 | --- |
| 28400 SPECIAL TRAINING..... | 38,222 | 38,222 | --- |
| 28450 ADMINISTRATION AND SUPPORT..... | 190,257 | 190,257 | --- |
| 28500 PLATOON LEADER CLASS..... | 13,200 | 13,200 | --- |
| 28550 EDUCATION BENEFITS..... | 26,349 | 26,349 | --- |
| 28600 TOTAL, BUDGET ACTIVITY 1..... | 594,910 | 590,910 | -4,000 |
| 28700 UNDISTRIBUTED ADJUSTMENT..... | --- | -6,000 | -6,000 |
| 29000 TOTAL, RESERVE PERSONNEL, MARINE CORPS..... | 594,910 | 584,910 | -10,000 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: UNIT AND INDIVIDUAL TRAINING** | | |
| **PAY GROUP B (BACKFILL FOR ACTIVE DUTY)** | **34,485** | **30,485** |
| Excessive Growth | | -4,000 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-6,000** |
| Underexecution of End Strength | | -2,000 |
| Unobligated/Unexpended Balances | | -4,000 |

RESERVE PERSONNEL, AIR FORCE

For Reserve Personnel, Air Force, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 30000 RESERVE PERSONNEL, AIR FORCE | | | |
| 30050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 30100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 594,045 | 587,045 | -7,000 |
| 30150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)..... | 78,416 | 78,416 | --- |
| 30200 PAY GROUP F TRAINING (RECRUITS)..... | 45,928 | 43,928 | -2,000 |
| 30250 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 120 | 120 | --- |
| 30300 MOBILIZATION TRAINING..... | 1,800 | 1,800 | --- |
| 30350 SCHOOL TRAINING..... | 147,277 | 147,277 | --- |
| 30400 SPECIAL TRAINING..... | 163,403 | 163,403 | --- |
| 30450 ADMINISTRATION AND SUPPORT..... | 338,510 | 338,510 | --- |
| 30500 EDUCATION BENEFITS..... | 35,288 | 35,288 | --- |
| 30550 HEALTH PROFESSION SCHOLARSHIP..... | 28,507 | 41,507 | +13,000 |
| 30600 OTHER PROGRAMS (ADMIN & SUPPORT)..... | 3,382 | 3,382 | --- |
| 30650 TOTAL, BUDGET ACTIVITY 1..... | 1,436,676 | 1,440,676 | +4,000 |
| 30750 UNDISTRIBUTED ADJUSTMENT..... | --- | -17,000 | -17,000 |
| 31000 TOTAL, RESERVE PERSONNEL, AIR FORCE..... | 1,436,676 | 1,423,676 | -13,000 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: UNIT AND INDIVIDUAL TRAINING** | | |
| **PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)** | **594,045** | **587,045** |
| Excessive Growth | | -7,000 |
| **PAY GROUP F TRAINING (RECRUITS)** | **45,928** | **43,928** |
| Excessive Growth | | -2,000 |
| **HEALTH PROFESSION SCHOLARSHIP** | **28,507** | **41,507** |
| Identified Shortfall | | 13,000 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-17,000** |
| Underexecution of End Strength | | -2,000 |
| Unobligated/Unexpended Balances | | -15,000 |

NATIONAL GUARD PERSONNEL, ARMY

For National Guard Personnel, Army, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 32000 NATIONAL GUARD PERSONNEL, ARMY | | | |
| 32050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 32100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 1,951,432 | 1,951,432 | --- |
| 32150 PAY GROUP F TRAINING (RECRUITS)..... | 424,539 | 424,539 | --- |
| 32200 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 35,896 | 35,896 | --- |
| 32250 SCHOOL TRAINING..... | 546,610 | 546,610 | --- |
| 32300 SPECIAL TRAINING..... | 301,116 | 301,116 | --- |
| 32350 ADMINISTRATION AND SUPPORT..... | 3,108,536 | 3,211,036 | +102,500 |
| 32400 EDUCATION BENEFITS..... | 227,164 | 227,164 | --- |
| 32450 TOTAL, BUDGET ACTIVITY 1..... | 6,595,293 | 6,697,793 | +102,500 |
| 32600 UNDISTRIBUTED ADJUSTMENT..... | --- | -81,573 | -81,573 |
| 33000 TOTAL, NATIONAL GUARD PERSONNEL, ARMY..... | 6,595,293 | 6,616,220 | +20,927 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: UNIT AND INDIVIDUAL TRAINING ADMINISTRATION AND SUPPORT** | **3,108,536** | **3,211,036** |
| Full Time Support (AGRs) | | 102,500 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-81,573** |
| Unobligated/Unexpended Balances | | -88,000 |
| WMD Civil Support Team for Florida | | 1,200 |
| WMD Civil Support Team for New York State | | 1,627 |
| Joint Interagency Training and Education Center | | 3,600 |

NATIONAL GUARD PERSONNEL, AIR FORCE

For National Guard Personnel, Air Force, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 34000 NATIONAL GUARD PERSONNEL, AIR FORCE | | | |
| 34050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 34100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 959,948 | 946,948 | -13,000 |
| 34150 PAY GROUP F TRAINING (RECRUITS)..... | 72,991 | 72,991 | --- |
| 34200 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 212 | 212 | --- |
| 34250 SCHOOL TRAINING..... | 194,161 | 197,861 | +3,700 |
| 34300 SPECIAL TRAINING..... | 101,120 | 112,120 | +11,000 |
| 34350 ADMINISTRATION AND SUPPORT..... | 1,411,089 | 1,411,089 | --- |
| 34400 EDUCATION BENEFITS..... | 52,473 | 52,473 | --- |
| 34450 TOTAL, BUDGET ACTIVITY 1..... | 2,791,994 | 2,793,694 | +1,700 |
| 34700 UNDISTRIBUTED ADJUSTMENT..... | --- | -51,926 | -51,926 |
| 35000 TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE..... | 2,791,994 | 2,741,768 | -50,226 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **BA-1: UNIT AND INDIVIDUAL TRAINING** | | |
| **PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)** | **959,948** | **946,948** |
| Excessive Growth | | -13,000 |
| **SCHOOL TRAINING** | **194,161** | **197,861** |
| Specialized Mission Training | | 3,700 |
| **SPECIAL TRAINING** | **101,120** | **112,120** |
| Air Sovereignty Alert Mission | | 11,000 |
| **UNDISTRIBUTED ADJUSTMENT** | | **-51,926** |
| Underexecution of End Strength | | -25,000 |
| Unobligated/Unexpended Balances | | -31,000 |
| WMD Civil Support Team for Florida | | 400 |
| WMD Civil Support Team for New York State | | 304 |
| Joint Interagency Training and Education Center | | 650 |
| Crypto-Linguist/Intelligence Officer Initiative | | 2,720 |

TITLE II—OPERATION AND MAINTENANCE

For Operation and Maintenance, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| OPERATION & MAINTENANCE, ARMY | 31,243,092 | 31,207,243 | -35,849 |
| OPERATION & MAINTENANCE, NAVY | 34,922,398 | 34,410,773 | -511,625 |
| OPERATION & MAINTENANCE, MARINE CORPS | 5,597,254 | 5,519,232 | -78,022 |
| OPERATION & MAINTENANCE, AIR FORCE | 35,902,487 | 34,865,964 | -1,036,523 |
| OPERATION & MAINTENANCE, DEFENSE-WIDE | 26,091,864 | 25,939,466 | -152,398 |
| OPERATION & MAINTENANCE, ARMY RESERVE | 2,642,341 | 2,628,896 | -13,445 |
| OPERATION & MAINTENANCE, NAVY RESERVE | 1,311,085 | 1,308,141 | -2,944 |
| OPERATION & MAINTENANCE, MARINE CORPS RESERVE | 213,131 | 212,487 | -644 |
| OPERATION & MAINTENANCE, AIR FORCE RESERVE | 3,142,892 | 3,018,151 | -124,741 |
| OPERATION & MAINTENANCE, ARMY NATIONAL GUARD | 5,875,546 | 5,858,303 | -17,243 |
| OPERATION & MAINTENANCE, AIR NATIONAL GUARD | 5,879,576 | 5,901,044 | +21,468 |
| OVERSEAS CONTINGENCY OPERATIONS TRANSFER ACCOUNT | 9,101 | --- | -9,101 |
| UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES | 13,254 | 13,254 | --- |
| ENVIRONMENTAL RESTORATION, ARMY | 447,776 | 457,776 | +10,000 |
| ENVIRONMENTAL RESTORATION, NAVY | 290,819 | 290,819 | --- |
| ENVIRONMENTAL RESTORATION, AIR FORCE | 496,277 | 496,277 | --- |
| ENVIRONMENTAL RESTORATION, DEFENSE-WIDE | 13,175 | 13,175 | --- |
| ENVIRONMENTAL RESTORATION, FORMERLY USED DEF. SITES | 257,796 | 291,296 | +33,500 |
| OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID | 83,273 | 83,273 | --- |
| COOPERATIVE THREAT REDUCTION ACCOUNT | 414,135 | 434,135 | +20,000 |
| GRAND TOTAL, OPERATION & MAINTENANCE | 154,847,272 | 152,949,705 | -1,897,567 |

DIRECTED TRANSFER OF WORKING CAPITAL FUND CASH

Section 8119 reduces funding to the Operation and Maintence accounts to reflect cash balance adjustments in the Defense Working Capital Funds. The Department is directed to transfer $823,000,000 from Defense Working Capital Fund, Army, to Operation and Maintence, Army, and transfer $36,000,000 from the Defense Working Capital Fund Air Force, to Operation and Maintence, Air Force.

''SOFT'' POWER AND INTER-AGENCY BURDEN SHARING

The current inter-agency allocation of resources and responsibilities does not support an appropriate balance of the civilian and military instruments of national security. The Department of Defense has learned in recent years that successful security and stability operations require not only military action, but also sustained application of the diplomatic, development and economic tools that are the traditional responsibilities of the Department of State and the U.S. Agency for International Development (USAID). Reflecting the importance of these non-military national security assets, the Secretary of Defense has repeatedly called for a dramatic increase in U.S. spending on diplomacy, foreign assistance, civic action, and economic development and reconstruction.

The Department has often assumed responsibility for development and reconstruction activities reluctantly and because the civilian agencies are either unable or unwilling to carry them out. However, significant increases were requested for several programs that duplicate efforts traditionally carried out by the Department of State and USAID, notably, the global train and equip and global security and stability programs; the new humanitarian relief aspect of the Combatant Commander's Initiative Fund; and a thirty-percent increase in the funds requested for the Commander's Emergency Response Program (CERP).

This apparent consolidation of U.S. security assistance, foreign aid, and humanitarian assistance and development programs within the Department of Defense is concerning. Neither the Nation's nor the Department's interests are well served by this institutional shift of responsibility for traditional elements of soft power'' from U.S. civilian agencies to the military. Given the tremendous strains the services face in the current operational environment, the Department should refrain from assuming additional soft power roles and work with Congress and the next Administration toward a more rational balance of inter-agency burden sharing and resource allocation.

FAMILY ADVOCACY PROGRAM

The bill provides a total of $410,000,000 for family advocacy programs in fiscal year 2009. The additional funding provided herein will enhance the activities of the Family Advocacy Program (FAP) and provide for children and families managing the difficult challenges of military service. The concern about the growing need for family members to have access to professional counseling to help alleviate the mental stresses associated with deployments continues as stress on families reaches unprecedented levels. Current challenges facing today's military families include multiple and lengthy deployments, frequent moves, a shortage of child care nationwide, a wide range of financial complexities, the need for a two-income family and family reintegration. The loss of the daily presence of a parent—or parents—in the home and the worry about the safety of a deployed parent is a difficult burden for children. The activities provided by FAP products and services help mitigate the disruption and stress in the military family when facing a variety of stressors, such as relocation, deployment, shifts in family responsibility, and the loss or injury of loved ones.

The Department is taking action to create a Military OneSource Center to develop cutting-edge quality of life support for the military's emerging needs including deployment, mobilization, and reintegration. The Center will promote the readiness of military families throughout the military life cycle, from recruitment, relocation, deployment and mobilization, to retirement.

Therefore, a family advocacy program line has been created within the Operation and Maintenance, Defense-Wide account to enable better execution of the funding provided and to enable the Military OneSource Center to conduct appropriate evaluation and development of cost-effective quality of life resources that can be made available to all servicemembers and their families. The Family Advocacy Program should continue umbrella programs to include Military OneSource call center, counseling (financial and family), and other outreach programs that are most efficiently resourced at the Department level and any other missions deemed necessary that demonstrate a benefit to the servicemembers and their families. The Center will institutionalize the support that has been provided to servicemembersCC and their families since the beginning of the Global War on Terror.

JOINT TASK FORCE GUANTANAMO/DETAINEE OPERATIONS

The Secretary of Defense has indicated that he favors closing the detention facilities at Guantanamo Bay, Cuba. The June 12, 2008 decision by the United States Supreme Court that detainees at Guantanamo are entitled to the procedural protection of habeas corpus undermines the rationale to continue holding detainees offshore. Therefore, the Secretary is directed to develop options for the disposition of the Guantanamo Bay detention facility (to include potential closure), and the relocation of its population to alternative detention facilities; and to provide a report on such options, including the potential cost, schedule and disposition of detainees to the congressional defense committees within 180 days of enactment of this Act.

FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION

The Department of Defense has not directed sufficient management attention to maintaining and repairing facilities and the Department is deferring maintence on barracks and other facilities affecting the quality of life of Service personnel. Early this year, the deplorable living conditions that servicemembers had to endure upon returning from deployment came to light. Billions of dollars have been provided over the years for facilities repair; however, these funds are often used as funding sources for other operation and maintenance year-of-execution funding requirements. The bill provides an additional $493,500,000 for sustainment, restoration and modernization of barracks. In order to ensure that these funds are obligated and expended for sustainment, restoration and modernization of barracks, these funds shall be treated as a congressional interest item and should be so designated on the DD Form 1414.

Further, to focus management attention on the condition of barracks, the Department is directed to survey barracks at all Defense installations and document the extent to which barracks meet the established Department standards; reasons why such facilities fail to meet such standards; and estimate the funding required by fiscal year for each military service to bring barracks into compliance with the Department's standards. The Secretary of Defense is to provide the results of this survey to the congressional defense committees not later than February 27, 2009.

OPERATION AND MAINTENANCE REPROGRAMMINGS

The bill includes a provision identical to the provision enacted in fiscal year 2008 that requires the Department to submit the DD Form 1414, Base for Reprogramming Actions, for each of the fiscal year 2009 appropriations accounts within 60 days after the enactment of this Act. This provision prohibits the Department from executing any reprogramming or transfer of funds for any purpose other than originally appropriated until the aforementioned report is submitted to the House and the Senate Committees on Appropriations.

With respect to the Service's operation and maintenance accounts, the Department shall submit prior approval reprogramming requests to the congressional defense committees for proposed transfers of funds in excess of $15,000,000 to or from the levels specified for budget activities. In addition, the Department should follow prior approval reprogramming procedures for transfers in excess of $15,000,000 out of the following budget subactivities:

*Operation and Maintenance, Army:*
Land Forces Depot Maintenance
*Operation and Maintenance, Navy:*
Aircraft Depot Maintenance
Ship Depot Maintenance
*Operation and Maintenance, Marine Corps:*
Depot Maintenance
*Operation and Maintenance, Air Force:*
Air Operations Depot Maintenance
Mobility Operations Depot Maintenance
Basic Skills/Training Depot Maintenance
Logistics Operations Depot Maintenance

Further, the Department shall provide written notification of cumulative transfers in excess of $15,000,000 from the following budget subactivities:

*Operation and Maintenance, Army:*
Maneuver Units
Modular Support Brigades
Land Forces Operations Support
Force Readiness Operations Support
Base Operations Support
Facilities, Sustainment, Restoration and Modernization
*Operation and Maintenance, Navy:*
Facilities Sustainment, Restoration and Modernization
*Operation and Maintenance, Marine Corps:*
Facilities Sustainment, Restoration and Modernization
*Operation and Maintenance, Air Force: Primary Combat Forces*
Combat Enhancement Forces
Combat Communications
Facilities Sustainment, Restoration and Modernization

With respect to Operation and Maintenance, Defense-Wide, proposed transfers of funds to or from the levels specified for defense agencies in excess of $15,000,000 shall be subject to prior approval reprogramming procedures. In addition, the Department shall provide written notification of cumulative transfers in excess of $15,000,000 or 20 percent, whichever is less, from the following line items identified in the Operation and Maintenance, Defense-Wide project level table contained in this Act:

*Defense Legal Service Agency*
*Office of the Secretary of Defense*
Acquisition, Technology, and Logistics Programs
Personnel and Readiness
Comptroller and Chief Financial Officer
Under Secretary of Defense (Intelligence)

Under Secretary of Defense (Policy)

Director, Program Analysis and Evaluation

Assistant Secretary for Defense (Networks and Information Integration)

A congressional interest item contained in Operation and Maintenance, Defense-Wide is defined only as a specified increase provided in this Act.

OPERATION AND MAINTENANCE BUDGET EXECUTION DATA

The Department of Defense is directed to continue to provide the congressional defense committees with quarterly budget execution data. Such data should be provided not later than forty-five days past the close of each quarter for the fiscal year, and shall be provided for each O—1 budget activity, activity group, and subactivity group for each of the active, defense-wide, reserve and National Guard components. For each O—1 budget activity, activity group, and subactivity group, these reports shall include: the budget request and actual obligations; the Department of Defense distribution of unallocated congressional adjustments to the budget request; all adjustments made in establishing the Base for Reprogramming (DD Form 1414) report; all adjustments resulting from below threshold reprogrammings; and all adjustments resulting from prior approval reprogramming requests.

ELECTRICAL FIRES AT MILITARY BASES IN IRAQ

There is concern with the number and severity of electrical fires at military bases in Iraq. In a single six month period, 283 fires destroyed or damaged military facilities in Iraq. More than a dozen servicemembers have been electrocuted in Iraq since the beginning of the war, with many more injured, some seriously. This is unacceptable. The Secretary is directed, within 60 days of enactment of this Act, to provide a report to the congressional defense committees that details the extent and causes of the problem, and what mitigating and corrective actions the Department plans.

GROUND COMBAT HELMET PADS

The frequency of traumatic brain injury among ground combat forces due to accidents and combat operations, including attacks by improvised explosive devices and explosively formed penetrators, is a matter of great concern. The Army and Marine Corps should leverage all available technology to provide combat helmets that offer the best possible protection against traumatic brain injury. Reportedly, the Army may be exploring the possibilities of adapting certain aspects of padding used in protective helmets worn in professional sports to better protect soldiers against concussions, and the Army and the Marine Corps may accept helmet padding that meets minimum standards when better performing padding may be available, albeit at a greater cost. The Army and Marine Corps are encouraged to aggressively pursue all available advances in protection against head injuries among ground combat soldiers.

The Government Accountability Office is directed to provide a report and recommendations to the congressional defense committees within 120 days of enactment of this Act on the padding used in ground combat helmets by the Army and Marine Corps. The report shall address the materials in use and improved products that may be available for use for shock absorption, all weather performance, maintainability and overall best value attributes.

ALASKAN COMMAND DEPLOYMENT SUPPORT

In light of the recent and projected deployment of military forces from Alaska in support of the Global War on Terror, the significant hardships encountered by many families and spouses during these lengthy deployments are recognized. Considering that two Army brigades and an Air Expeditionary Force will be deployed at the same time in 2009, the stress of these deployments on families will be significant. During a servicemembers' absence, military spouses are solely responsible for caring for children, maintaining employment, and managing household finances. Accordingly, $6,000,000 is provided to support the needs of these families, of which $2,000,000 is specifically intended for child care support services.

INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE

The Secretary of Defense notified the House and the Senate Committees on Appropriations of a number of urgent Intelligence, Surveillance and Reconnaissance needs for fiscal year 2009 that were not contained in the President's budget request. In order to respond to these emerging requirements, an increase of $750,000,000 is provided in operation and maintenance, procurement, and research, development, test and evaluation accounts. The following table includes operation and maintenance funds provided in support of this initiative.

[In thousands of dollars]

| Line | Account | Item | |
|---|---|---|---|
| 140 | OM,A | O&M for 8 MARSS multi-INT Aircraft. | $65,600 |
| 140 | OM,A | O&M for 3 Constant Hawk | 45,000 |
| 80 | OM,A | Upgraded Hunter capabilities | 15,200 |
| 140 | OM,A | O&M for 15 TRITON (ground vehicle SIGINT). | 20,500 |
| 30 | OM,AF | O&M for 14 SIGINT pods for conventional support. | 3,300 |
| SOCOM | OM,DW | Continuation of additional 08 GWOT ISR. | 80,000 |
| SOCOM | OM,DW | Processing, Exploitation and Dissemination, PED Support. | 30,000 |
| SOCOM | OM,DW | SOF deployable nodes/Tac Assured connectivity system. | 1,000 |
| SOCOM | OM,DW | DCGS-SOF | 7,000 |
| SOCOM | OM,DW | O&M for manned FMV/SIGINT Aircraft. | 3,600 |
| SOCOM | OM,DW | O&M for increased crew ratio for RC–26 fleet. | 2,000 |
| 999 | OM,DW | Storage, movement and access of full motion video data. | 26,000 |
| 999 | OM,DW | Passive and Active ground/airborne SIGINT (NSA). | 1,800 |
| 20 | OM,ANG | Mobilize non-mobilized ANG for DCGS PED. | 10,000 |

OPERATION AND MAINTENANCE, ARMY

For Operation and Maintenance, Army, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 50 OPERATION AND MAINTENANCE, ARMY | | | |
| 100 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 150 LAND FORCES | | | |
| 200 MANEUVER UNITS | 1,259,183 | 982,978 | -276,205 |
| 250 MODULAR SUPPORT BRIGADES | 107,517 | 115,517 | +8,000 |
| 300 ECHELONS ABOVE BRIGADES | 606,827 | 608,827 | +2,000 |
| 350 THEATER LEVEL ASSETS | 963,864 | 936,235 | -27,629 |
| 400 LAND FORCES OPERATIONS SUPPORT | 1,244,612 | 1,248,112 | +3,500 |
| 450 AVIATION ASSETS | 1,013,851 | 1,018,251 | +4,400 |
| 500 LAND FORCES READINESS | | | |
| 550 FORCE READINESS OPERATIONS SUPPORT | 1,821,481 | 1,873,881 | +52,400 |
| 600 LAND FORCES SYSTEMS READINESS | 624,053 | 639,253 | +15,200 |
| 650 LAND FORCES DEPOT MAINTENANCE | 737,303 | 702,743 | -34,560 |
| 700 LAND FORCES READINESS SUPPORT | | | |
| 750 BASE OPERATIONS SUPPORT | 7,309,710 | 7,319,310 | +9,600 |
| 800 FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION | 2,093,829 | 2,607,529 | +513,700 |
| 850 MANAGEMENT AND OPERATIONAL HEADQUARTERS | 301,149 | 284,149 | -17,000 |
| 900 COMBATANT COMMANDER'S CORE OPERATIONS | 262,556 | 189,556 | -73,000 |
| 950 ADDITIONAL ACTIVITIES | 274,654 | 405,754 | +131,100 |
| 1060 COMBATANT COMMANDERS ANCILLARY MISSIONS | 282,990 | 282,990 | --- |
| 1100 TOTAL, BUDGET ACTIVITY 1 | 18,903,579 | 19,215,085 | +311,506 |
| 1150 BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 1200 MOBILITY OPERATIONS | | | |
| 1250 STRATEGIC MOBILITY | 204,559 | 205,759 | +1,200 |
| 1300 ARMY PREPOSITIONED STOCKS | 122,273 | 122,273 | --- |
| 1350 INDUSTRIAL PREPAREDNESS | --- | 1,600 | +1,600 |
| 1400 TOTAL, BUDGET ACTIVITY 2 | 326,832 | 329,632 | +2,800 |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 1450 BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 1500 ACCESSION TRAINING | | | |
| 1550 OFFICER ACQUISITION | 121,985 | 121,985 | --- |
| 1600 RECRUIT TRAINING | 90,999 | 90,999 | --- |
| 1650 ONE STATION UNIT TRAINING | 66,512 | 64,350 | -2,162 |
| 1700 SENIOR RESERVE OFFICERS TRAINING CORPS | 441,264 | 442,864 | +1,600 |
| 1750 BASIC SKILL AND ADVANCED TRAINING | | | |
| 1800 SPECIALIZED SKILL TRAINING | 825,237 | 830,437 | +5,200 |
| 1850 FLIGHT TRAINING | 781,761 | 781,761 | --- |
| 1900 PROFESSIONAL DEVELOPMENT EDUCATION | 130,208 | 131,808 | +1,600 |
| 1950 TRAINING SUPPORT | 852,545 | 850,545 | -2,000 |
| 2000 RECRUITING AND OTHER TRAINING AND EDUCATION | | | |
| 2050 RECRUITING AND ADVERTISING | 645,968 | 581,520 | -64,448 |
| 2100 EXAMINING | 148,274 | 148,274 | --- |
| 2150 OFF-DUTY AND VOLUNTARY EDUCATION | 244,844 | 263,844 | +19,000 |
| 2200 CIVILIAN EDUCATION AND TRAINING | 223,957 | 210,957 | -13,000 |
| 2250 JUNIOR RESERVE OFFICERS TRAINING CORPS | 149,329 | 149,329 | --- |
| 2300 TOTAL, BUDGET ACTIVITY 3 | 4,722,883 | 4,668,673 | -54,210 |
| 2350 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 2400 SECURITY PROGRAMS | | | |
| 2450 SECURITY PROGRAMS | 876,020 | 871,188 | -4,832 |
| 2500 LOGISTICS OPERATIONS | | | |
| 2550 SERVICEWIDE TRANSPORTATION | 552,629 | 552,629 | --- |
| 2600 CENTRAL SUPPLY ACTIVITIES | 630,145 | 639,145 | +9,000 |
| 2650 LOGISTICS SUPPORT ACTIVITIES | 510,326 | 499,326 | -11,000 |
| 2700 AMMUNITION MANAGEMENT | 450,394 | 453,594 | +3,200 |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 2750 SERVICEWIDE SUPPORT | | | |
| 2800 ADMINISTRATION | 768,681 | 768,681 | --- |
| 2850 SERVICEWIDE COMMUNICATIONS | 1,154,085 | 1,158,385 | +4,300 |
| 2900 MANPOWER MANAGEMENT | 276,925 | 276,925 | --- |
| 2950 OTHER PERSONNEL SUPPORT | 195,129 | 195,129 | --- |
| 3000 OTHER SERVICE SUPPORT | 1,152,968 | 1,155,368 | +2,400 |
| 3050 ARMY CLAIMS ACTIVITIES | 233,680 | 233,680 | --- |
| 3100 REAL ESTATE MANAGEMENT | 58,345 | 58,345 | --- |
| 3150 SUPPORT OF OTHER NATIONS | | | |
| 3200 SUPPORT OF NATO OPERATIONS | 408,788 | 408,788 | --- |
| 3250 MISC. SUPPORT OF OTHER NATIONS | 21,683 | 21,683 | --- |
| 3300 TOTAL, BUDGET ACTIVITY 4 | 7,289,798 | 7,292,866 | +3,068 |
| 3410 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -229,013 | -229,013 |
| 3430 TRANSFER TO AFRICOM NOT PROPERLY ACCOUNTED FOR | --- | -70,000 | -70,000 |
| 4000 TOTAL, OPERATION AND MAINTENANCE, ARMY | 31,243,092 | 31,207,243 | -35,849 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 111 | **MANEUVER UNITS** | **1,259,183** | **982,978** |
| | Unexecutable Peacetime Operations Due to Deployments | | -278,205 |
| | Stryker Situation Awareness Soldier Protection Package | | 2,000 |
| 112 | **MODULAR SUPPORT BRIGADES** | **107,517** | **115,517** |
| | Air-Supported Temper Tent | | 5,000 |
| | Modular Command Post Tent | | 3,000 |
| 113 | **ECHELONS ABOVE BRIGADES** | **606,827** | **608,827** |
| | Army Force Generation Synchronization Tool (AST) | | 2,000 |
| 114 | **THEATER LEVEL ASSETS** | **963,864** | **936,235** |
| | Unexecutable Peacetime Operations Due to Deployments | | -27,629 |
| 115 | **LAND FORCES OPERATIONS SUPPORT** | **1,244,612** | **1,248,112** |
| | Light-weight Tactical Utility Vehicles | | 3,200 |
| | WMD Civil Support Team for Florida | | 300 |
| 116 | **AVIATION ASSETS** | **1,013,851** | **1,018,251** |
| | UH-60 Leak Proof Transmission Drip Pans | | 2,000 |
| | UAS Center of Excellence | | 2,400 |
| 121 | **FORCE READINESS OPERATIONS SUPPORT** | **1,821,481** | **1,873,881** |
| | Biometrics Operations Directorate Transition | | 2,000 |
| | Joint National Training Capability-Red Flag/Northern Edge Training Range Enhancements | | 14,700 |
| | Lightweight Ballistic Maxillofacial Protection System | | 3,500 |
| | Sawfly Laser Protective Lenses | | 3,000 |
| | USARPAC C4 Mission Program | | 24,000 |
| | Fort Hood Training Lands Restoration and Maintenance | | 2,800 |
| | Operational/Technical Training Validation Testbed | | 2,400 |
| 122 | **LAND FORCES SYSTEMS READINESS** | **624,053** | **639,253** |
| | Upgraded Hunter Capabilities | | 15,200 |
| 123 | **LAND FORCES DEPOT MAINTENANCE** | **737,303** | **702,743** |
| | Missile Maintenance - Rephase Funds To Match Workload | | -34,560 |
| 131 | **Base Operations Support** | **7,309,710** | **7,319,310** |
| | Army Conservation and Ecosystem Management | | 4,000 |
| | Family Support for the 1/25th and 4/25th | | 4,000 |
| | Subterranean Infrastructure Security Demonstration Program | | 1,600 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 132 | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **2,093,829** | **2,607,529** |
| | Barracks Restoration | | 493,500 |
| | Roof Removal and Replacement at Fort Stewart, GA | | 2,160 |
| | United States Army Sergeants Major Academy Lecture Center Audio-Visual Expansion and Upgrade | | 520 |
| | 49th Missile Defense Battalion Infrastructure and Security Upgrades | | 2,200 |
| | Ladd Field Paving | | 2,500 |
| | Soldier Barracks Roof Removal and Replacement at Fort Knox, Kentucky | | 2,320 |
| | Rock Island Arsenal, Building #299 Roof Removal and Replacement, Phase III | | 5,000 |
| | Training Area Restoration | | 5,500 |
| 133 | **MANAGEMENT & OPERATIONAL HEADQUARTERS** | **301,149** | **284,149** |
| | Unjustified Growth for Personnel | | -17,000 |
| 134 | **COMBATANT COMMANDER'S CORE OPERATIONS** | **262,556** | **189,556** |
| | AFRICOM: Theater Special Operations and Presence in Africa | | -40,000 |
| | AFRICOM: Deny Inter-agency Civilian Pay Reimbursement | | -13,000 |
| | Management Headquarters Activities Understated Growth | | -20,000 |
| 135 | **ADDITIONAL ACTIVITIES** | **274,654** | **405,754** |
| | O&M for 8 Additional MARSS Multi-INT a/c | | 65,600 |
| | O&M for 3 Constant Hawk | | 45,000 |
| | O&M for 15 TRITON III (Ground Vehicle SIGINT) | | 20,500 |
| 211 | **STRATEGIC MOBILITY** | **204,559** | **205,759** |
| | Tricon and Quadcon Shipping Containers | | 1,200 |
| 213 | **INDUSTRIAL PREPAREDNESS** | **0** | **1,600** |
| | Army Manufacturing Technical Assistance Production Program (MTAPP) | | 1,600 |
| 313 | **ONE STATION UNIT TRAINING** | **66,512** | **64,350** |
| | Unjustified Program Growth | | -2,162 |
| 314 | **SENIOR RESERVE OFFICERS' TRAINING CORPS** | **441,264** | **442,864** |
| | Air Battle Captain | | 1,600 |
| 321 | **SPECIALIZED SKILL TRAINING** | **825,237** | **830,437** |
| | TranSim Driver's Training at Fort Stewart | | 4,000 |
| | TranSim Driver's Training Program | | 1,200 |
| 323 | **PROFESSIONAL DEVELOPMENT EDUCATION** | **130,208** | **131,808** |
| | Army Command and General Staff College Leadership Training | | 1,600 |
| 324 | **TRAINING SUPPORT** | **852,545** | **850,545** |
| | Unjustified Program Growth | | -2,000 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 331 | **RECRUITING AND ADVERTISING** | **645,968** | **581,520** |
| | Unjustified Program Growth | | -64,448 |
| 333 | **OFF-DUTY AND VOLUNTARY EDUCATION** | **244,844** | **263,844** |
| | Army Continuing Education System | | 19,000 |
| 334 | **CIVILIAN EDUCATION AND TRAINING** | **223,957** | **210,957** |
| | Unjustified Growth for Training | | -15,000 |
| | Human Resource Command Training | | 2,000 |
| 411 | **SECURITY PROGRAMS** | **876,020** | **871,188** |
| | Classified Programs | | -4,832 |
| 422 | **CENTRAL SUPPLY ACTIVITIES** | **630,145** | **639,145** |
| | Army Battery Management Program Utilizing Pulse Technology Project | | 800 |
| | Directed Transfer To Defense Commissary Agency Surcharge Account for Coraopolis Commissary | | 8,200 |
| 423 | **LOGISTICS SUPPORT ACTIVITIES** | **510,326** | **499,326** |
| | Net Centric Decision Support Environment Sense and Respond Logistics | | 3,200 |
| | Army/Marine Corps Interoperability at Echelons Above the Brigade | | 2,400 |
| | Nanotechnology Corrosion Support | | 800 |
| | Fuel Tracking Capabilities | | 4,000 |
| | Common Logistics Operating Environment (CLOE) System | | 1,200 |
| | Savings for Logistics Support Activities | | -25,000 |
| | Army Condition-Based Maintenance | | 2,400 |
| 424 | **AMMUNITION MANAGEMENT** | **450,394** | **453,594** |
| | M24 Sniper Weapons System Upgrade | | 3,200 |
| 432 | **SERVICEWIDE COMMUNICATIONS** | **1,154,085** | **1,158,385** |
| | US Army Alaska Bandwidth Shortfalls | | 3,000 |
| | US Army Alaska Critical Communications Infrastructure | | 1,300 |
| 435 | **OTHER SERVICE SUPPORT** | **1,152,968** | **1,155,368** |
| | Electronic Records Management Pilot Program | | 1,200 |
| | Memorial Day Concert | | 1,200 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | **-229,013** |
| | **Transfer to AFRICOM not properly accounted for** | | **-70,000** |

ARMY CONTINUING EDUCATION SYSTEM

It is important to provide returning soldiers and wounded warriors with opportunities to engage in retraining and vocational education programs. Community college systems throughout the Nation can readily provide these opportunities without duplicating the military's efforts. Therefore, $19,000,000 is provided for the Army's off-duty and voluntary education retraining programs under the Army Continuing Education System to provide increased opportunity for soldiers and wounded warriors to acquire technical, vocational or advanced training and re-training. The Army is directed to work with accredited community colleges to build upon existing programs and develop new pilot retraining programs in high demand career occupations, including rehabilitation, nursing, medical technology and other health care occupations.

SMART CONTRACTING

For the past several years, significant attention and resources have been focused on the Department's acquisition process and its workforce. There is commitment to providing the tools and resources to facilitate smarter contracting processes. The Secretary of the Army is directed to submit a report to the congressional defense committees no later than 60 days after enactment of this Act, detailing the Army's progress in implementing the key recommendations of the Gansler Commission.

OPERATION AND MAINTENANCE, NAVY

For Operation and Maintenance, Navy, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 4300 OPERATION AND MAINTENANCE, NAVY | | | |
| 4350 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 4400 AIR OPERATIONS | | | |
| 4450 MISSION AND OTHER FLIGHT OPERATIONS | 3,873,884 | 3,773,884 | -100,000 |
| 4500 FLEET AIR TRAINING | 969,661 | 969,661 | --- |
| 4560 AVIATION TECHNICAL DATA AND ENGINEERING SERVICES | 53,272 | 53,272 | --- |
| 4600 AIR OPERATIONS AND SAFETY SUPPORT | 120,305 | 120,305 | --- |
| 4650 AIR SYSTEMS SUPPORT | 494,832 | 497,232 | +2,400 |
| 4700 AIRCRAFT DEPOT MAINTENANCE | 1,127,774 | 1,127,774 | --- |
| 4750 AIRCRAFT DEPOT OPERATIONS SUPPORT | 142,618 | 143,418 | +800 |
| 4800 SHIP OPERATIONS | | | |
| 4850 MISSION AND OTHER SHIP OPERATIONS | 3,536,837 | 3,336,837 | -200,000 |
| 4900 SHIP OPERATIONS SUPPORT AND TRAINING | 689,893 | 689,893 | --- |
| 4950 SHIP DEPOT MAINTENANCE | 4,139,996 | 4,139,996 | --- |
| 5000 SHIP DEPOT OPERATIONS SUPPORT | 1,167,411 | 1,168,171 | +760 |
| 5050 COMBAT COMMUNICATIONS/SUPPORT | | | |
| 5100 COMBAT COMMUNICATIONS | 633,376 | 630,879 | -2,497 |
| 5150 ELECTRONIC WARFARE | 85,349 | 85,349 | --- |
| 5200 SPACE SYSTEMS AND SURVEILLANCE | 160,175 | 160,175 | --- |
| 5250 WARFARE TACTICS | 397,763 | 389,363 | -8,400 |
| 5300 OPERATIONAL METEOROLOGY AND OCEANOGRAPHY | 315,803 | 315,803 | --- |
| 5350 COMBAT SUPPORT FORCES | 783,689 | 762,589 | -21,100 |
| 5400 EQUIPMENT MAINTENANCE | 186,860 | 187,980 | +1,120 |
| 5450 DEPOT OPERATIONS SUPPORT | 3,256 | 3,256 | --- |
| 5460 COMBATANT COMMANDERS CORE OPERATIONS | 152,167 | 167,167 | +15,000 |
| 5470 COMBATANT COMMANDERS DIRECT MISSION SUPPORT | 261,105 | 261,105 | --- |
| 5500 WEAPONS SUPPORT | | | |
| 5550 CRUISE MISSILE | 131,692 | 131,692 | --- |
| 5600 FLEET BALLISTIC MISSILE | 1,046,422 | 1,046,422 | --- |
| 5650 IN-SERVICE WEAPONS SYSTEMS SUPPORT | 64,298 | 64,298 | --- |
| 5700 WEAPONS MAINTENANCE | 478,103 | 460,703 | -17,400 |
| 5750 OTHER WEAPON SYSTEMS SUPPORT | 321,921 | 321,921 | --- |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 5800 BASE SUPPORT | | | |
| 5850 ENTERPRISE INFORMATION TECHNOLOGY | 893,448 | 893,448 | --- |
| 5900 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 1,734,146 | 1,745,026 | +10,880 |
| 5950 BASE OPERATING SUPPORT | 4,158,483 | 4,136,823 | -21,660 |
| 6000 TOTAL, BUDGET ACTIVITY 1 | 28,124,539 | 27,784,442 | -340,097 |
| 6050 BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 6100 READY RESERVE AND PREPOSITIONING FORCES | | | |
| 6150 SHIP PREPOSITIONING AND SURGE | 394,729 | 394,729 | --- |
| 6200 ACTIVATIONS/INACTIVATIONS | | | |
| 6250 AIRCRAFT ACTIVATIONS/INACTIVATIONS | 7,276 | 7,276 | --- |
| 6300 SHIP ACTIVATIONS/INACTIVATIONS | 110,268 | 110,268 | --- |
| 6350 MOBILIZATION PREPAREDNESS | | | |
| 6400 FLEET HOSPITAL PROGRAM | 27,650 | 27,650 | --- |
| 6450 INDUSTRIAL READINESS | 2,419 | 2,419 | --- |
| 6500 COAST GUARD SUPPORT | 25,473 | 25,473 | --- |
| 6550 TOTAL, BUDGET ACTIVITY 2 | 567,815 | 567,815 | --- |
| 6600 BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 6650 ACCESSION TRAINING | | | |
| 6700 OFFICER ACQUISITION | 142,175 | 142,621 | +446 |
| 6750 RECRUIT TRAINING | 11,136 | 11,136 | --- |
| 6800 RESERVE OFFICERS TRAINING CORPS | 116,985 | 116,985 | --- |
| 6850 BASIC SKILLS AND ADVANCED TRAINING | | | |
| 6900 SPECIALIZED SKILL TRAINING | 540,855 | 513,087 | -27,768 |
| 6950 FLIGHT TRAINING | 518,077 | 518,077 | --- |
| 7000 PROFESSIONAL DEVELOPMENT EDUCATION | 170,486 | 170,486 | --- |
| 7050 TRAINING SUPPORT | 155,533 | 157,493 | +1,960 |
| 7100 RECRUITING, AND OTHER TRAINING AND EDUCATION | | | |
| 7150 RECRUITING AND ADVERTISING | 272,498 | 272,798 | +300 |
| 7200 OFF-DUTY AND VOLUNTARY EDUCATION | 163,077 | 164,277 | +1,200 |
| 7250 CIVILIAN EDUCATION AND TRAINING | 95,959 | 101,559 | +5,600 |
| 7300 JUNIOR ROTC | 50,494 | 50,494 | --- |
| 7350 TOTAL, BUDGET ACTIVITY 3 | 2,237,275 | 2,219,013 | -18,262 |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 7400 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 7450 SERVICEWIDE SUPPORT | | | |
| 7500 ADMINISTRATION | 735,822 | 729,622 | -6,200 |
| 7550 EXTERNAL RELATIONS | 4,213 | 4,213 | --- |
| 7600 CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT | 109,968 | 109,968 | --- |
| 7650 MILITARY MANPOWER AND PERSONNEL MANAGEMENT | 163,568 | 163,568 | --- |
| 7700 OTHER PERSONNEL SUPPORT | 278,085 | 278,085 | --- |
| 7750 SERVICEWIDE COMMUNICATIONS | 381,511 | 381,511 | --- |
| 7850 LOGISTICS OPERATIONS AND TECHNICAL SUPPORT | | | |
| 7900 SERVICEWIDE TRANSPORTATION | 257,008 | 257,008 | --- |
| 7950 PLANNING, ENGINEERING AND DESIGN | 240,991 | 241,991 | +1,000 |
| 8000 ACQUISITION AND PROGRAM MANAGEMENT | 595,050 | 595,050 | --- |
| 8050 HULL, MECHANICAL AND ELECTRICAL SUPPORT | 60,723 | 60,723 | --- |
| 8100 COMBAT/WEAPONS SYSTEMS | 17,378 | 17,378 | --- |
| 8150 SPACE AND ELECTRONIC WARFARE SYSTEMS | 79,615 | 79,615 | --- |
| 8200 SECURITY PROGRAMS | | | |
| 8250 NAVAL INVESTIGATIVE SERVICE | 504,649 | 494,449 | -10,200 |
| 8300 SUPPORT OF OTHER NATIONS | | | |
| 8350 INTERNATIONAL HEADQUARTERS AND AGENCIES | 6,570 | 6,570 | --- |
| 8400 OTHER PROGRAMS | | | |
| 8450 OTHER PROGRAMS | 557,618 | 556,818 | -800 |
| 8500 TOTAL, BUDGET ACTIVITY 4 | 3,992,769 | 3,976,569 | -16,200 |
| 8570 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -137,066 | -137,066 |
| 9100 TOTAL, OPERATION AND MAINTENANCE, NAVY | 34,922,398 | 34,410,773 | -511,625 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1A1A | **MISSION AND OTHER FLIGHT OPERATIONS** | **3,873,884** | **3,773,884** |
| | Unexecutable Peacetime Operations Due to Deployments | | -100,000 |
| 1A4N | **AIR SYSTEMS SUPPORT** | **494,832** | **497,232** |
| | CPI-Metamorphose/i3 Technical Data Conversion and Support | | 2,400 |
| 1A6A | **AIRCRAFT DEPOT OPERATIONS SUPPORT** | **142,618** | **143,418** |
| | Sustainable Maintenance and Repair Technologies for Aircraft Composites | | 800 |
| 1B1B | **MISSION AND OTHER SHIP OPERATIONS** | **3,536,837** | **3,336,837** |
| | Unexecutable Peacetime Operations Due to Deployments | | -200,000 |
| 1B5B | **SHIP DEPOT OPERATIONS SUPPORT** | **1,167,411** | **1,168,171** |
| | Advanced Technical Information Supports System (ATIS) | | 760 |
| 1C1C | **COMBAT COMMUNICATIONS** | **633,376** | **630,879** |
| | Commerical Satellite Unjustified Program Growth | | -2,497 |
| 1C4C | **WARFARE TACTICS** | **397,763** | **389,363** |
| | Training Transformation Transfer Not Accounted For | | -8,400 |
| 1C6C | **COMBAT SUPPORT FORCES** | **783,689** | **762,589** |
| | COCOM Residual Funding | | -20,000 |
| | Training Transformation Transfer Not Accounted For | | -1,100 |
| 1C7C | **EQUIPMENT MAINTENANCE** | **186,860** | **187,980** |
| | Personnel Armor System for Ground Troops (PASGT) Helmet Retrofit Kits To Sustain Navy IPE Pool | | 1,120 |
| 1CCH | **COMBATANT COMMANDERS CORE OPERATIONS** | **152,167** | **167,167** |
| | Asia Pacific Regional Initiative | | 15,000 |
| 1D4D | **WEAPONS MAINTENANCE** | **478,103** | **460,703** |
| | Mark 75 Maintenance Facility Support and Upgrade | | 1,600 |
| | Removal of One-time Cost for Marine Corps Ground Forces | | -28,000 |
| | Mk 45 Mod 5" Gun Depot Overhauls | | 9,000 |
| BSM1 | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **1,734,146** | **1,745,026** |
| | Puget Sound Navy Museum | | 1,280 |
| | Modernization/Restoration of Naval Air Station Key West Facilities and Infrastructure | | 4,800 |
| | Wireless Pierside Connection System | | 1,600 |
| | Navy Shore Readiness Integration | | 3,200 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| BSS1 | **BASE OPERATING SUPPORT** | **4,158,483** | **4,136,823** |
| | CONUS NEX and Category C Utility Costs | | -25,000 |
| | PMRF Flood Control | | 2,500 |
| | Brown Tree Snake Control and Interdiction on Guam | | 840 |
| 3A1J | **OFFICER ACQUISITION** | **142,175** | **142,621** |
| | Diversity Recruitment for Naval Academy | | 446 |
| 3B1K | **SPECIALIZED SKILL TRAINING** | **540,855** | **513,087** |
| | Unjustified Program Growth | | -30,968 |
| | Joint Electronic Warfare Training and Tactics Development | | 2,000 |
| | Continuing Education Distance Learning at Military Installations | | 1,200 |
| 3B4K | **TRAINING SUPPORT** | **155,533** | **157,493** |
| | Institute for Threat Reduction and Response FCCJ | | 1,200 |
| | Partnership for the Maintenance of Trauma and Readiness Surgery Skills | | 760 |
| 3C1L | **RECRUITING AND ADVERTISING** | **272,498** | **272,798** |
| | Naval Cadet Corps | | 300 |
| 3C3I | **OFF-DUTY AND VOLUNTARY EDUCATION** | **163,077** | **164,277** |
| | Mobile Distance Learning for Military Personnel | | 800 |
| | Energy Education Accreditation for Military Personnel | | 400 |
| 3C4I | **CIVILIAN EDUCATION AND TRAINING** | **95,959** | **101,559** |
| | Center for Defense Technology and Education for the Military Services | | 5,600 |
| 4A1M | **ADMINISTRATION** | **735,822** | **729,622** |
| | DFAS Unjustified Program Growth | | -7,000 |
| | SPAWAR Systems Center | | 800 |
| 4B2N | **PLANNING, ENGINEERING AND DESIGN** | **240,991** | **241,991** |
| | U.S. Navy Mobile Condition Assessment System Pilot for Commander, Navy Region Mid-Atlantic (CNRMA) | | 1,000 |
| 4C1P | **NAVAL INVESTIGATIVE SERVICE** | **504,649** | **494,449** |
| | Unjustified Growth for Security Clearance Investigations | | -15,000 |
| | Digitization, Integration, and Analyst Access of Investigative Files, Naval Criminal Investigative Services | | 4,800 |
| 999 | **OTHER PROGRAMS** | **557,618** | **556,818** |
| | Classified Programs | | -800 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | **-137,066** |

COMBATANT COMMANDER RESIDUAL FUNDING

In the fiscal year 2009 budget request, each Service created two new budget line items to track combatant commander (COCOM) resources. According to the fiscal year 2008 budget, COCOM funding for the Navy to support Joint Forces Command and Pacific Command was budgeted in line 1C6C Combat Support Forces in the amount of $398,000,000 for fiscal year 2009. However, the fiscal year 2009 budget only transferred $378,000,000 to the new budget lines. Therefore, line 1C6C Combat Support Forces is overstated and is reduced by $20,000,000. The reduction shall not be applied to COCOM resources.

NAVAL SHIPYARD WORKFORCE DEVELOPMENT PROGRAMS

There is concern about the challenges to recruit and retain qualified personnel at the Navy shipyards. It is becoming increasingly difficult to attract and retain engineers into the public sector primarily because of the benefits offered to engineers in the private sector and because the shipyards do not have the necessary programs and incentives to groom executive management and leadership skills to further workforce development. There is strong support for the Naval Apprenticeship Program, which has the potential to contribute to the workforce in other positions if provided opportunities and incentives. Therefore, the Navy is directed to establish programs to provide opportunities and financial incentives for top performers to receive four-year engineering degrees, executive management training certificates, and business school degrees. Programs similar to the apprenticeship program can help stave off the impending steep decline in personnel at the shipyards and ensure a more stable workforce. The Navy is directed to work with each shipyard and the respective local educational institutions to craft these programs and report to the House and the Senate Committees on Appropriations by April 30, 2009, on a plan for implementation.

NAVAL SHIPYARD APPRENTICE PROGRAM

During fiscal year 2009, the Navy shall induct classes of no fewer than 100 apprentices, respectively, at each of the naval shipyards. The Navy is directed to include the costs of the fiscal year 2010 class of apprentices in its budget request.

U.S. COAST GUARD

Department of Defense regulations currently restrict mission appropriated activities from offering reimbursable rates to non-Department of Defense agencies. This restriction forces the Navy to charge the U.S. Coast Guard fully-burdened rates for drydocking services at Navy shipyards rather than reimbursable rates. Therefore, the Navy may use funds appropriated under operation and maintenance to pay the cost to dry dock U.S. Coast Guard ships at Naval shipyards.

OPERATION AND MAINTENANCE, MARINE CORPS

For Operation and Maintenance, Marine Corps, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 9250 OPERATION AND MAINTENANCE, MARINE CORPS | | | |
| 9300 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 9350 EXPEDITIONARY FORCES | | | |
| 9400 OPERATIONAL FORCES | 759,814 | 752,614 | -7,200 |
| 9450 FIELD LOGISTICS | 611,660 | 582,460 | -29,200 |
| 9500 DEPOT MAINTENANCE | 86,422 | 78,922 | -7,500 |
| 9550 USMC PREPOSITIONING | | | |
| 9600 MARITIME PREPOSITIONING | 73,725 | 73,725 | --- |
| 9650 NORWAY PREPOSITIONING | 5,217 | 5,217 | --- |
| 9700 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 803,530 | 803,530 | --- |
| 9750 BASE OPERATING SUPPORT | 1,940,671 | 1,944,221 | +3,550 |
| 9800 TOTAL, BUDGET ACTIVITY 1 | 4,281,039 | 4,240,689 | -40,350 |
| 9850 BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 9900 ACCESSION TRAINING | | | |
| 9950 RECRUIT TRAINING | 15,361 | 15,361 | --- |
| 10000 OFFICER ACQUISITION | 411 | 411 | --- |
| 10050 BASIC SKILLS AND ADVANCED TRAINING | | | |
| 10100 SPECIALIZED SKILLS TRAINING | 56,106 | 56,106 | --- |
| 10150 FLIGHT TRAINING | 361 | 361 | --- |
| 10200 PROFESSIONAL DEVELOPMENT EDUCATION | 22,882 | 22,882 | --- |
| 10250 TRAINING SUPPORT | 312,339 | 312,339 | --- |
| 10300 RECRUITING AND OTHER TRAINING EDUCATION | | | |
| 10350 RECRUITING AND ADVERTISING | 238,900 | 238,900 | --- |
| 10400 OFF-DUTY AND VOLUNTARY EDUCATION | 64,080 | 64,080 | --- |
| 10450 JUNIOR ROTC | 17,740 | 17,740 | --- |
| 10500 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 55,737 | 55,737 | --- |
| 10550 BASE OPERATING SUPPORT | 155,530 | 155,530 | --- |
| 10600 TOTAL, BUDGET ACTIVITY 3 | 939,447 | 939,447 | --- |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 10650 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 10700 SERVICEWIDE SUPPORT | | | |
| 10750 SPECIAL SUPPORT | 282,043 | 279,287 | -2,756 |
| 10800 SERVICEWIDE TRANSPORTATION | 30,662 | 30,662 | --- |
| 10850 ADMINISTRATION | 45,545 | 45,545 | --- |
| 10900 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 3,169 | 3,169 | --- |
| 10950 BASE OPERATING SUPPORT | 15,349 | 15,349 | --- |
| 11000 TOTAL, BUDGET ACTIVITY 4 | 376,768 | 374,012 | -2,756 |
| 11020 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -34,916 | -34,916 |
| 11400 TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS | 5,597,254 | 5,519,232 | -78,022 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1A1A | **OPERATIONAL FORCES** | **759,814** | **752,614** |
| | Training Transformation Transfer Not Accounted For | | -22,000 |
| | Ultra Lightweight Camouflage Net System (ULCANS) | | 2,400 |
| | Rapid Deployable Shelters (RDS) or Modular General Purpose Tent System (MGPTS) Type III | | 1,600 |
| | Cold Weather Layering System (CWLS) | | 2,400 |
| | Acclimate Flame Resistant High Performance Base Layers | | 1,600 |
| | Advanced Load Bearing Equipment | | 1,600 |
| | Combat Desert Jacket | | 4,000 |
| | Lightweight Maintenance Enclosure | | 1,200 |
| 1A2A | **FIELD LOGISTICS** | **611,660** | **582,460** |
| | Removal of One-time Congressional Increases | | -4,200 |
| | General Staff and Management | | -25,000 |
| 1A3A | **DEPOT MAINTENANCE** | **86,422** | **78,922** |
| | Decrease in Automotive Units for FY 09 | | -7,500 |
| BSS1 | **BASE OPERATING SUPPORT** | **1,940,671** | **1,944,221** |
| | Transfer to DoDDEA (O&MDW line 200) for the Bolden School at Camp Lejune | | -850 |
| | Telecom Upgrade to MCBH | | 3,600 |
| | US Marine Corps Installation Access Enterprise Solution Project | | 800 |
| 4A2G | **SPECIAL SUPPORT** | **282,043** | **279,287** |
| | DFAS | | -2,756 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | **-34,916** |

OPERATION AND MAINTENANCE, AIR FORCE

For Operation and Maintenance, Air Force, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 12000 OPERATION AND MAINTENANCE, AIR FORCE | | | |
| 12050 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 12100 AIR OPERATIONS | | | |
| 12150 PRIMARY COMBAT FORCES | 4,158,181 | 3,756,081 | -402,100 |
| 12200 PRIMARY COMBAT WEAPONS | 290,744 | 290,744 | --- |
| 12250 COMBAT ENHANCEMENT FORCES | 680,109 | 683,409 | +3,300 |
| 12300 AIR OPERATIONS TRAINING | 1,545,613 | 1,546,413 | +800 |
| 12350 COMBAT COMMUNICATIONS | 1,711,951 | 1,664,951 | -47,000 |
| 12400 DEPOT MAINTENANCE | 2,751,194 | 2,379,594 | -371,600 |
| 12450 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 1,142,947 | 1,160,447 | +17,500 |
| 12500 BASE OPERATING SUPPORT | 2,434,047 | 2,445,437 | +11,390 |
| 12550 COMBAT RELATED OPERATIONS | | | |
| 12600 GLOBAL C3I AND EARLY WARNING | 1,167,875 | 1,134,675 | -33,200 |
| 12650 NAVIGATION/WEATHER SUPPORT | 277,681 | 275,681 | -2,000 |
| 12700 OTHER COMBAT OPERATIONS SUPPORT PROGRAMS | 674,169 | 674,169 | --- |
| 12800 MANAGEMENT/OPERATIONAL HEADQUARTERS | 215,775 | 224,575 | +8,800 |
| 12850 TACTICAL INTELLIGENCE AND SPECIAL ACTIVITIES | 546,822 | 546,822 | --- |
| 12900 SPACE OPERATIONS | | | |
| 12950 LAUNCH FACILITIES | 340,385 | 340,385 | --- |
| 13000 LAUNCH VEHICLES | 33,390 | 33,390 | --- |
| 13050 SPACE CONTROL SYSTEMS | 228,617 | 228,617 | --- |
| 13100 SATELLITE SYSTEMS | 91,067 | 91,067 | --- |
| 13150 OTHER SPACE OPERATIONS | 326,784 | 326,784 | --- |
| 13200 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 191,764 | 191,764 | --- |
| 13250 BASE SUPPORT | 675,821 | 675,821 | --- |
| 13260 COMBATANT COMMANDERS DIRECT MISSION SUPPORT | 626,787 | 626,787 | --- |
| 13270 COMBATANT COMMANDERS CORE OPERATIONS | 195,714 | 195,714 | --- |
| 13300 TOTAL, BUDGET ACTIVITY 1 | 20,307,437 | 19,493,327 | -814,110 |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 13350 BUDGET ACTIVITY 2: MOBILIZATION | | | |
| 13400 MOBILITY OPERATIONS | | | |
| 13450 AIRLIFT OPERATIONS | 3,228,790 | 3,291,290 | +62,500 |
| 13500 AIRLIFT OPERATIONS C3I | 91,392 | 91,392 | --- |
| 13550 MOBILIZATION PREPAREDNESS | 181,713 | 181,713 | --- |
| 13600 PAYMENTS TO TRANSPORTATION BUSINESS AREA | 308,895 | 307,681 | -1,214 |
| 13650 DEPOT MAINTENANCE | 378,429 | 378,429 | --- |
| 13700 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 242,505 | 258,505 | +16,000 |
| 13750 BASE SUPPORT | 622,960 | 622,960 | --- |
| 13800 TOTAL, BUDGET ACTIVITY 2 | 5,054,684 | 5,131,970 | +77,286 |
| 13850 BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 13900 ACCESSION TRAINING | | | |
| 13950 OFFICER ACQUISITION | 88,547 | 89,587 | +1,040 |
| 14000 RECRUIT TRAINING | 16,557 | 16,557 | --- |
| 14050 RESERVE OFFICER TRAINING CORPS (ROTC) | 108,730 | 108,730 | --- |
| 14100 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 79,052 | 79,836 | +784 |
| 14150 BASE SUPPORT (ACADEMIES ONLY) | 95,807 | 95,807 | --- |
| 14200 BASIC SKILLS AND ADVANCED TRAINING | | | |
| 14250 SPECIALIZED SKILL TRAINING | 420,590 | 423,790 | +3,200 |
| 14300 FLIGHT TRAINING | 948,787 | 951,987 | +3,200 |
| 14350 PROFESSIONAL DEVELOPMENT EDUCATION | 178,749 | 181,149 | +2,400 |
| 14400 TRAINING SUPPORT | 114,435 | 114,435 | --- |
| 14450 DEPOT MAINTENANCE | 14,711 | 14,711 | --- |
| 14500 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 223,960 | 224,760 | +800 |
| 14550 BASE OPERATING SUPPORT (OTHER TRAINING) | 648,618 | 648,618 | --- |
| 14600 RECRUITING, AND OTHER TRAINING AND EDUCATION | | | |
| 14650 RECRUITING AND ADVERTISING | 196,140 | 136,140 | -60,000 |
| 14700 EXAMINING | 5,242 | 5,242 | --- |
| 14750 OFF DUTY AND VOLUNTARY EDUCATION | 206,608 | 206,608 | --- |
| 14800 CIVILIAN EDUCATION AND TRAINING | 161,089 | 164,689 | +3,600 |
| 14850 JUNIOR ROTC | 74,558 | 74,558 | --- |
| 14900 TOTAL, BUDGET ACTIVITY 3 | 3,582,180 | 3,537,204 | -44,976 |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 14950 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 15000 LOGISTICS OPERATIONS | | | |
| 15050 LOGISTICS OPERATIONS | 917,794 | 888,845 | -28,949 |
| 15100 TECHNICAL SUPPORT ACTIVITIES | 666,546 | 668,146 | +1,600 |
| 15150 SERVICEWIDE TRANSPORTATION | 295,355 | 295,355 | --- |
| 15200 DEPOT MAINTENANCE | 68,869 | 68,869 | --- |
| 15250 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 313,182 | 313,182 | --- |
| 15300 BASE SUPPORT | 1,192,616 | 1,195,016 | +2,400 |
| 15350 SERVICEWIDE ACTIVITIES | | | |
| 15400 ADMINISTRATION | 226,665 | 226,665 | --- |
| 15450 SERVICEWIDE COMMUNICATIONS | 576,493 | 576,493 | --- |
| 15500 PERSONNEL PROGRAMS | 231,919 | 231,919 | --- |
| 15550 ARMS CONTROL | 38,669 | 38,669 | --- |
| 15600 OTHER SERVICEWIDE ACTIVITIES | 851,904 | 849,176 | -2,728 |
| 15650 OTHER PERSONNEL SUPPORT | 23,851 | 23,851 | --- |
| 15700 CIVIL AIR PATROL CORPORATION | 24,445 | 26,605 | +2,160 |
| 15750 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 51,377 | 51,377 | --- |
| 15800 BASE OPERATING SUPPORT | 358,164 | 358,164 | --- |
| 15850 SECURITY PROGRAMS | | | |
| 15900 SECURITY PROGRAMS | 1,085,224 | 1,068,495 | -16,729 |
| 15950 SUPPORT TO OTHER NATIONS | | | |
| 16000 INTERNATIONAL SUPPORT | 35,113 | 35,113 | --- |
| 16050 TOTAL, BUDGET ACTIVITY 4 | 6,958,186 | 6,915,940 | -42,246 |
| 17280 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -212,477 | -212,477 |
| 17350 TOTAL, OPERATION AND MAINTENANCE, AIR FORCE | 35,902,487 | 34,865,964 | -1,036,523 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 011A | **PRIMARY COMBAT FORCES** | **4,158,181** | **3,756,081** |
| | Unexecutable Peacetime Operations Due to Deployments | | -450,000 |
| | B-52 Flying Hours | | 47,900 |
| 011C | **COMBAT ENHANCEMENT FORCES** | **680,109** | **683,409** |
| | O&M for 14 SIGINT Pods for Conventional Support | | 3,300 |
| 011D | **AIR OPERATIONS TRAINING** | **1,545,613** | **1,546,413** |
| | Aircrew Life Support Equipment RFID Initiative | | 800 |
| 011E | **COMBAT COMMUNICATIONS** | **1,711,951** | **1,664,951** |
| | Unjustified growth in C3I program | | -47,000 |
| 011M | **DEPOT MAINTENANCE** | **2,751,194** | **2,379,594** |
| | Unjustified Request for F-15 Maintenance | | -422,000 |
| | B-52 Depot Maintenance | | 48,000 |
| | USAF Engine Trailer Life Extension Program | | 2,400 |
| 011R | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **1,142,947** | **1,160,447** |
| | Eielson Utilidors | | 9,000 |
| | Electrical Distribution Upgrade at Hickam | | 8,500 |
| 011Z | **BASE OPERATING SUPPORT** | **2,434,047** | **2,445,437** |
| | Unjustified growth in C3I program | | -27,250 |
| | 11th Air Force Consolidated Command Center | | 10,000 |
| | 11th Air Force Critical Communications Infrastructure | | 3,200 |
| | Alaska Land Mobile Radio | | 2,900 |
| | Alaskan NORAD Region Communications Survivability and Diversity | | 3,800 |
| | Eielson Air Force Base Coal-to-Liquid Initiative | | 5,000 |
| | Joint National Training Capability-Red Flag/Northern Edge Pacific Alaska Range Complex Environmental Assessment | | 3,300 |
| | Joint National Training Capability-Red Flag/Northern Edge Training Range Enhancements | | 8,600 |
| | Land Mobile Radios (LMR) | | 1,600 |
| | Department of Defense Wage Issues Modification for USFORAZORES Portuguese National Employees | | 240 |
| 012A | **GLOBAL C3I AND EARLY WARNING** | **1,167,875** | **1,134,675** |
| | Unjustified growth in C3I program | | -36,000 |
| | National Security Space Institute | | 2,800 |
| 012B | **NAVIGATION/WEATHER SUPPORT** | **277,681** | **275,681** |
| | Unjustified growth in C3I program | | -2,000 |
| 012E | **MANAGEMENT/OPERATIONAL HEADQUARTERS** | **215,775** | **224,575** |
| | Program to Increase Minority Contracting in Defense (PIMCID) | | 5,600 |
| | National Center for Integrated Civilian-Military Domestic Disaster (Yale New Haven Health Systems) | | 3,200 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 021A | **AIRLIFT OPERATIONS** | **3,228,790** | **3,291,290** |
| | KC-135 Engines | | 46,500 |
| | KC-135 Logistics Support | | 16,000 |
| 021E | **PAYMENTS TO TRANSPORTATION BUSINESS AREA** | **308,895** | **307,681** |
| | Civilian Personnel | | -1,214 |
| 021R | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **242,505** | **258,505** |
| | C-17 Assault Landing Zone | | 16,000 |
| 031A | **OFFICER ACQUISITION** | **88,547** | **89,587** |
| | Diversity Recruitment for Air Force Academy | | 440 |
| | Center for Space and Defense Studies | | 600 |
| 031R | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **79,052** | **79,836** |
| | Revitalize Buckley AFB Small Arms Training Range | | 784 |
| 032A | **SPECIALIZED SKILL TRAINING** | **420,590** | **423,790** |
| | Engineering Training and Knowledge Preservation System | | 1,600 |
| | Military Medical Training and Disaster Response Program for Luke Air Force Base | | 1,600 |
| 032B | **FLIGHT TRAINING** | **948,787** | **951,987** |
| | Minority Aviation Training | | 3,200 |
| 032C | **PROFESSIONAL DEVELOPMENT EDUCATION** | **178,749** | **181,149** |
| | Defense Critical Languages and Cultures Initiative - Angelo State University | | 2,400 |
| 032R | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **223,960** | **224,760** |
| | Barry M. Goldwater Range Upgrades | | 800 |
| 033A | **RECRUITING AND ADVERTISING** | **196,140** | **136,140** |
| | Public Outreach Program | | -60,000 |
| 033D | **CIVILIAN EDUCATION AND TRAINING** | **161,089** | **164,689** |
| | MacDill AFB Online Technology Program | | 1,600 |
| | Online Technology Training Program at Nellis Air Force Base | | 2,000 |
| 041A | **LOGISTICS OPERATIONS** | **917,794** | **888,845** |
| | Expeditionary Combat Support System | | -5,499 |
| | Advanced Ultrasonic Inspection of Aging Aircraft Structures | | 1,250 |
| | Mission Critical Power System Reliability Surveys | | 1,200 |
| | Transfer of Synthetic Fuel funding to Research, Development, Testing & Evaluation, Air Force | | -25,900 |
| 042B | **TECHNICAL SUPPORT ACTIVITIES** | **666,546** | **668,146** |
| | Expert Knowledge Transfer | | 1,600 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 041Z | **BASE SUPPORT** | **1,192,616** | **1,195,016** |
| | Demonstration Project for Contractors Employing Persons with Disabilities | | 2,400 |
| 042G | **OTHER SERVICEWIDE ACTIVITIES** | **851,904** | **849,176** |
| | Removal of One-time FY 2008 Cost for Military Flight Operations Quality Assurance | | -8,528 |
| | Brown Tree Snake Control and Invasive Species Management at Andersen Air Force Base, Guam | | 400 |
| | Combined Mishap Reduction System | | 1,600 |
| | Engine Health Management Plus Data Repository Center | | 3,000 |
| | Military Legal Assistance Clinic | | 800 |
| 041I | **CIVIL AIR PATROL CORPORATION** | **24,445** | **26,605** |
| | Alaska Civil Air Patrol Strategic Upgrades and Training | | 800 |
| | Civil Air Patrol | | 1,360 |
| 043A | **SECURITY PROGRAMS** | **1,085,224** | **1,068,495** |
| | Classified Programs | | -17,529 |
| | ANG Munitions Security Fence | | 800 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | -212,477 |

GRAND FORKS AIR FORCE BASE, NORTH DAKOTA, INFRASTRUCTURE

The January 2008 United States Air Force Weapons Systems Roadmap anticipates a future KC–X tanker mission at Grand Forks Air Force Base after the departure of the base's current fleet of KC–135R tankers. Thus, the Air Force is directed to prepare a report which recommends the best way to keep the base and its associated infrastructure viable until the potential arrival of KC–X tanker aircraft so it does not have to rebuild or recreate facilities and capabilities that now exist. This report shall be provided to the House and the Senate Committees on Appropriations within 90 days of enactment of this Act.

OPERATION AND MAINTENANCE, DEFENSE-WIDE

For Operation and Maintenance, Defense-Wide, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 18000 OPERATION AND MAINTENANCE, DEFENSE-WIDE | | | |
| 18050 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 18100 JOINT CHIEFS OF STAFF | 406,141 | 357,636 | -48,505 |
| 18200 SPECIAL OPERATIONS COMMAND | 3,652,060 | 3,758,460 | +106,400 |
| 18250 TOTAL, BUDGET ACTIVITY 1 | 4,058,201 | 4,116,096 | +57,895 |
| 18400 BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | | |
| 18450 DEFENSE ACQUISITION UNIVERSITY | 120,726 | 116,446 | -4,280 |
| 18650 NATIONAL DEFENSE UNIVERSITY | 79,960 | 86,360 | +6,400 |
| 18750 TOTAL, BUDGET ACTIVITY 3 | 200,686 | 202,806 | +2,120 |
| 18800 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 18950 CIVIL MILITARY PROGRAMS | 107,987 | 130,987 | +23,000 |
| 19000 DEFENSE BUSINESS TRANSFORMATION AGENCY | 156,652 | 150,852 | -5,800 |
| 19050 DEFENSE CONTRACT AUDIT AGENCY | 418,006 | 418,006 | --- |
| 19150 DEFENSE INFORMATION SYSTEMS AGENCY | 1,227,626 | 1,199,626 | -28,000 |
| 19250 DEFENSE LEGAL SERVICES AGENCY | 31,905 | 32,305 | +400 |
| 19300 DEFENSE LOGISTICS AGENCY | 345,838 | 358,838 | +13,000 |
| 19350 DEFENSE MEDIA ACTIVITY | 213,808 | 213,808 | --- |
| 19400 DEFENSE POW /MISSING PERSONS OFFICE | 16,731 | 16,731 | --- |
| 19450 DEFENSE TECHNOLOGY SECURITY AGENCY | 33,468 | 33,468 | --- |
| 19500 DEFENSE THREAT REDUCTION AGENCY | 355,331 | 355,331 | --- |
| 19600 DEPARTMENT OF DEFENSE DEPENDENTS EDUCATION | 2,007,089 | 1,701,939 | -305,150 |
| 19610 FAMILY ADVOCACY PROGRAM | --- | 410,000 | +410,000 |
| 19700 DEFENSE HUMAN RESOURCES ACTIVITY | 557,029 | 536,829 | -20,200 |
| 19750 DEFENSE CONTRACT MANAGEMENT AGENCY | 1,066,462 | 1,066,462 | --- |
| 19850 DEFENSE SECURITY COOPERATION AGENCY | 880,024 | 630,024 | -250,000 |
| 19950 DEFENSE SECURITY SERVICE | 452,531 | 452,531 | --- |
| 20050 OFFICE OF ECONOMIC ADJUSTMENT | 50,654 | 155,634 | +104,980 |
| 20100 OFFICE OF THE SECRETARY OF DEFENSE | 1,709,174 | 1,714,607 | +5,433 |
| 20250 WASHINGTON HEADQUARTERS SERVICES | 519,508 | 508,408 | -11,100 |
| 20350 TOTAL, BUDGET ACTIVITY 4 | 10,149,823 | 10,086,386 | -63,437 |

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 20400 IMPACT AID | --- | 40,000 | +40,000 |
| 20450 IMPACT AID FOR CHILDREN WITH DISABILITIES | --- | 4,000 | +4,000 |
| 20500 OTHER PROGRAMS | 11,683,154 | 11,483,178 | -199,976 |
| 20900 SOLDIER CENTER AT PATRIOT PARK, FT. BENNING | --- | 4,800 | +4,800 |
| 20950 MILITARY INTELLIGENCE SERVICE HISTORIC LEARNING CENTER | --- | 1,000 | +1,000 |
| 20955 ROLE OF CONTRACTORS IN DEPARTMENT OF DEFENSE | --- | 1,200 | +1,200 |
| 21550 TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE | 26,091,864 | 25,939,466 | -152,398 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| BUDGET ACTIVITY 1: OPERATING FORCES | | |
| **JOINT CHIEFS OF STAFF** | 406,141 | 357,636 |
| Combatant Commander's Initiative Fund | | -25,000 |
| C4I for the Warrior | | -5 |
| Joint Staff Analytical Support | | -5,000 |
| Adaptive Planning Transfer Not Properly Accounted For | | -18,500 |
| **SPECIAL OPERATIONS COMMAND** | 3,652,060 | 3,758,460 |
| Continuation of additional FY 08 GWOT ISR | | 80,000 |
| Processing, Exploitation and Dissemination, PED Support | | 30,000 |
| SOF Deployable Nodes/Tac Assured Connectivity System | | 1,000 |
| DCGS-SOF | | 7,000 |
| O&M for Manned FMV/SIGNINT a/c | | 3,600 |
| O&M for Increased Crew Ratio for RC-26 Fleet | | 2,000 |
| Removal of One-Time FY 2008 Increase | | -20,000 |
| Special Operations Forces Modular Glove System | | 800 |
| SOCOM Enterprise-wide Data and Knowledge Management System | | 800 |
| SOCOM Care Coalition Recovery Programs (Note: only to be used for new initiatives) | | 1,200 |
| BUDGET ACTIVITY 3: TRAINING AND RECRUITING | | |
| **DEFENSE ACQUISITION UNIVERSITY** | 120,726 | 116,446 |
| Curriculum Development Reduce Program Growth | | -2,000 |
| Knowledge Sharing Reduce Program Growth | | -2,280 |
| **NATIONAL DEFENSE UNIVERSITY** | 79,960 | 86,360 |
| National Security Education Program | | 6,400 |
| BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | |
| **CIVIL MILITARY PROGRAMS** | 107,987 | 130,987 |
| National Guard Youth Challenge Program | | 20,000 |
| Camp Carroll Challenge Infrastructure Improvements | | 3,000 |
| **DEFENSE BUSINESS TRANSFORMATION AGENCY** | 156,652 | 150,852 |
| Electronic Commerce Transfer Not Accounted For | | -5,800 |
| **DEFENSE INFORMATION SYSTEMS AGENCY** | 1,227,626 | 1,199,626 |
| NECC | | -25,000 |
| Cybersecurity Initiative | | -3,000 |
| **DEFENSE LEGAL SERVICES AGENCY** | 31,905 | 32,305 |
| Clinic for Legal Assistance to Servicemembers | | 400 |
| **DEFENSE LOGISTICS AGENCY** | 345,838 | 358,838 |
| Commercial Technologies for Maintenance Activities | | 4,000 |
| Procurement Technical Assistance Centers | | 9,000 |

| | Budget Request | Recommendation |
|---|---|---|
| **DEFENSE DEPENDENTS EDUCATION** | 2,007,089 | 1,701,939 |
| Transfer from Marine Corps Base Operating Support | | 850 |
| Famiily Advocacy Program (Transfer to new subactivity group) | | -308,000 |
| Web-based Adaptive Diagnostic Assessment for Students (WADAS) | | 2,000 |
| **FAMILY ADVOCACY PROGRAM (Includes transfer from Defense Dependents Education)** | | 410,000 |
| ALCOM Child Care Support for Deployed Forces | | 2,000 |
| **DEFENSE HUMAN RESOURCES ACTIVITY** | 557,029 | 536,829 |
| Joint Advertising, Market Research and Studies Reduce Program Growth | 41,000 | -5,000 |
| Defense Language Office Reduce Program Growth | 49,101 | -20,000 |
| Translation and Interpretation Skills for DoD | | 1,600 |
| Defense Critical Languages and Cultures Program at University of Montana | | 1,600 |
| Strategic Language Initiative | | 1,600 |
| **DEFENSE SECURITY COOPERATION AGENCY** | 880,024 | 630,024 |
| Global Train and Equip (1206) | | -150,000 |
| Security and Stabilization (1207) | | -100,000 |
| **OFFICE OF ECONOMIC ADJUSTMENT** | 50,654 | 155,634 |
| Restoration of Centerville Beach Naval Facility | | 6,400 |
| Former March AFB Building Demo -- NE Corner | | 1,200 |
| Thorium/Magnesium Excavation - Blue Island | | 1,200 |
| Norton AFB (New and Existing Infrastructure Improvements) | | 4,800 |
| McClellan AFB Infrastructure Improvements | | 2,400 |
| Hunters Point Naval Shipyard Remediation | | 9,300 |
| Frankford Arsenal Environmental Assessment and Remediation | | 1,600 |
| Delaware Valley Continuing Education Initiative for National Guard and Reserve | | 800 |
| Phase II of Stabilization/Repair of MOTBY Ship Repair Facility | | 6,800 |
| Supplier Network Training Program | | 480 |
| Joint Tanana Range Access | | 60,000 |
| Intermodal Marine Facility - Port of Anchorage | | 10,000 |
| **OFFICE OF THE SECRETARY OF DEFENSE** | 1,709,174 | 1,714,607 |
| Security Policy Automation Network (CIO) | | -11,200 |
| Policy: Strategic Communication & Integration | | -3,067 |
| Contractor Support Program Growth | | -15,000 |
| AT&L: Defense Industrial Base Unjustified Growth | | -1,000 |
| CAIG Study, National Security Space Industrial Base | | 4,000 |
| Congressionally-directed Strategic Bandwidth Study | | 4,000 |
| Office of the Secretary, Undistributed: | | |
| Middle East Regional Security Program | | 2,800 |
| Critical Language Training, SDSU | | 1,600 |
| Readiness and Environmental Protection Initiative | | 16,000 |
| East Asian Security Studies Program (note: only for intelligence and national security purposes) | | 800 |
| Aircraft Logging and Event Recording for Training Safety (ALERTS) | | 1,600 |
| Phased Redeployment Study | | 2,400 |
| Troops to Pilots Demonstration Program | | 2,500 |

| | Budget Request | Recommendation |
|---|---|---|
| **WASHINGTON HEADQUARTERS SERVICES** | 519,508 | 508,408 |
| Removal of One-time FY 2008 Increase | | -20,200 |
| Commission on Wartime Contracting | | 9,100 |
| **IMPACT AID** | | 40,000 |
| **IMPACT AID FOR CHILDREN WITH DISABILITIES** | | 4,000 |
| **OTHER PROGRAMS** | 11,683,154 | 11,454,378 |
| Classified Programs | | -257,576 |
| Geospatial Intelligence Analysis Education | | 1,000 |
| Passive and Active Ground/Airborne SIGINT | | 1,800 |
| Storage, Movement, and Access to FMV Data | | 26,000 |
| **UNDISTRIBUTED** | | 7,000 |
| Soldier Center at Patriot Park, Ft. Benning | | 4,800 |
| Military Intelligence Service Historic Learning Center (note: only for DoD facility maintenance and preservation) | | 1,000 |
| Role of Contractors and Contract Support in DoD | | 1,200 |

U.S. AFRICA COMMAND

A stable, secure Africa is strategically important to the United States and our allies. The creation of U.S. Africa Command (AFRICOM) is a first-step in developing a persistent, cohesive U.S. policy toward that continent. However, AFRICOM's current funding, staffing and organizational configuration place a disproportionate burden of U.S. policy in Africa on the Department of Defense (DoD).

While armed conflict, terrorism, piracy and trafficking pose real security threats to African stability that can be mitigated by closer military ties between the U.S. and our African partners, many of the challenges facing Africa today require diplomatic, economic, humanitarian and development tools of other, non-DoD U.S. agencies. Calming political unrest, building civil society, consolidating democratic achievements, expanding economic growth, addressing humanitarian crises, preventing the spread of HIV/AIDS and caring for its victims require a robust inter-agency and international approach.

Some of the U.S. partners in Africa have also signaled their discomfort with the military-first approach embodied by AFRICOM. Of the dozen nations asked to host AFRICOM's headquarters or one of the five planned Regional Integration Team (RIT) offices, few have expressed public interest. Despite repeated assurances from the Secretary of Defense, the people and governments of friendly African nations believe that AFRICOM potentially represents a permanent U.S. military presence on the continent.

While the creation of AFRICOM is a crucial first-step in establishing a strategic U.S. policy toward Africa, the current inter-agency division of labor is not optimal for meeting U.S. long term goals. The Department of Defense should work within the inter-agency process to correct the alignment of U.S. human and financial resources to more effectively support the emergence of a stable, secure, successful and democratic Africa. The Department of State and the U.S. Agency for International Development should also play a more significant role in this new organization supported with the appropriate funding and manpower required.

In the mean time, the Secretary of Defense, in coordination with the Secretary of State and the Administrator of the U.S. Agency for International Development, is directed to provide a report, no later than April 1, 2009, to the congressional defense committees, on how AFRICOM's mission, staffing, and inter-agency composition can be optimized to create an organization better equipped to meet these policy objectives. The report should also include current thinking on AFRICOM's presence in Africa and any plans related to the permanent location of AFRICOM assets or personnel on the continent.

MILITARY TIRES

The Department of Defense Appropriations Act, 2008 (Public Law 110–116) directed the Defense Logistics Agency (DLA) to ensure that the military tire market remains a fair and competitive marketplace as DLA implements the tire privatization initiative required by the 2005 Base Realignment and Closure Act. Specifically, the conferees directed DLA to ''ensure that all tire manufacturers are on an equal footing in the competitive market with respect to information on tire demand and that, to the extent practicable under the existing contracts, new tire types are subject to fair and equal competition among qualified manufacturers.'' There is concern that the DLA has not sufficiently complied with these requirements and the need to ensure that all tire manufacturers are provided access to the Government's forecasts for future tire needs. Therefore, the Secretary of Defense is directed to report to the congressional defense committees by April 15, 2009, on what steps are being taken to maintain a fair and competitive marketplace for military tires.

DEFENSE CONTRACT MANAGEMENT AGENCY

In fiscal year 2008, Congress provided an additional $14,000,000 to the Defense Contract Management Agency (DCMA) to eliminate planned reductions in full-time staff. This additional funding, which was designated a ''congressional item of interest,'' was nevertheless inappropriately subjected to an across-the-board funding reduction imposed by the Under Secretary of Defense, Comptroller. The Secretary of Defense is directed to provide a report to the congressional defense committees within 60 days of enactment of this Act addressing the following: the justification (if any) for this reduction; the impact of this reduction on the number of full-time DCMA staff; and the Department's plan for restoring any full-time staff that may have been lost as a result of the Department's failure to carry out the directive.

An additional $52,000,000 was also provided to DCMA in the Fiscal Year 2008 Emergency Supplemental Appropriations Act for the purpose of hiring 250 full-time contract-management personnel. The Secretary is directed to include in the aforementioned report a spend plan for this additional funding, an assessment of future additional staffing requirements DCMA will have in order to ensure proper oversight and management of anticipated contracting work load, and a workforce plan for achieving the necessary staffing levels.

GLOBAL TRAIN AND EQUIP PROGRAM

For the Global Train and Equip Program, $350,000,000 is provided under the Defense Security Cooperation Agency. This limited authority was designed as a pilot project to enhance our ongoing programs to train and equip allied nations' counterterrorism efforts. Normally, the Department of State is tasked to perform this critical function, but the Department of Defense requested the ability to augment these efforts due to the Global War on Terror. Increasing the Nation's counterterrorism efforts around the globe is strongly supported but the responsibility to train and equip foreign military forces should rest with the Department of State. The Administration should request funds for this purpose in the Department of State's budget when this authority expires.

FEDERAL PRISON INDUSTRIES

The Bureau of Prisons considers Federal Prison Industries (FPI) an important correctional tool that plays a critical role in reducing inmate recidivism and idleness. To ensure the success of the FPI program, United States Code (USC) Title 18, Chapter 307 requires Federal departments and agencies to purchase products from FPI ''as meet their requirements and may be available''. However, Congress has expressed concern that this provision of law could impose on the Department of Defense a requirement to procure products that do not meet the needs of the Department in terms of price, quality and timeliness of delivery. To meet this concern, section 827 of the National Defense Authorization Act of Fiscal Year 2008 (Public Law 110–181) requires the Secretary to use competitive procedures for the procurement of certain products offered for sale by the FPI. The Secretary is directed to report to the congressional defense committees no later than 45 days after the enactment of this Act on a plan to implement this new requirement, consistent with the requirements of USC Title 18, Chapter 307, Section 4124(d).

OIL REFINERIES

When making public contract announcements regarding the refining of fuel by U.S. companies, the U.S. Department of Defense should not provide the name of the country for which the fuel is being refined or the location of the facility that will refine the fuel.

TROOPS TO PILOTS DEMONSTRATION PROGRAM

In 2007, Congress directed the Federal Aviation Administration to increase the mandatory retirement age for commercial airline pilots from age 60 to 65, temporarily alleviating the onset of a national pilot shortage. Although this action improved and maintained a legitimate working number of pilots in the civil industry, there remains a growing shortage of new pilots to take over for those who look to retire over the next decade. A potential option for replenishing the dwindling number of experienced aviators in the country would be to utilize retiring or discharged military aviators from military service to civil pilots. The Department of Defense has similar programs designed to ease service members' transition to civilian life, such as Troops to Teachers, Troops to Nurses, and Helmets to Hardhats. Accordingly, $2,500,000 is included for a demonstration program that will train and recruit retiring or discharged military aviators who wish to pursue a career in civilian aviation. This program should be conducted in a state that has a high per capita number of pilots as well as a sizeable military aviation presence. The program should also take into account heavy geographic reliance on aviation along with a robust aviation infrastructure, including academic institutions with expertise in piloting and aviation technology.

OPERATION AND MAINTENANCE, ARMY RESERVE

For Operation and Maintenance, Army Reserve, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 21700 OPERATION AND MAINTENANCE, ARMY RESERVE | | | |
| 21750 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 21800 LAND FORCES | | | |
| 21850 MANEUVER UNITS | 1,567 | 1,567 | --- |
| 21900 MODULAR SUPPORT BRIGADES | 16,419 | 16,419 | --- |
| 21950 ECHELONS ABOVE BRIGADES | 484,460 | 484,460 | --- |
| 22000 THEATER LEVEL ASSETS | 173,583 | 173,583 | --- |
| 22050 LAND FORCES OPERATIONS SUPPORT | 508,322 | 508,322 | --- |
| 22100 AVIATION ASSETS | 61,030 | 61,030 | --- |
| 22150 LAND FORCES READINESS | | | |
| 22200 FORCES READINESS OPERATIONS SUPPORT | 254,901 | 254,901 | --- |
| 22250 LAND FORCES SYSTEM READINESS | 87,541 | 87,541 | --- |
| 22300 DEPOT MAINTENANCE | 108,191 | 108,191 | --- |
| 22350 LAND FORCES READINESS SUPPORT | | | |
| 22400 BASE OPERATIONS SUPPORT | 548,086 | 549,686 | +1,600 |
| 22450 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 255,912 | 255,912 | --- |
| 22500 ADDITIONAL ACTIVITIES | 13,531 | 12,416 | -1,115 |
| 22600 TOTAL, BUDGET ACTIVITY 1 | 2,513,543 | 2,514,028 | +485 |
| 22650 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 22700 ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 22750 ADMINISTRATION | 70,806 | 70,806 | --- |
| 22800 SERVICEWIDE COMMUNICATIONS | 6,189 | 6,189 | --- |
| 22850 PERSONNEL/FINANCIAL ADMIN | 8,491 | 8,491 | --- |
| 22900 RECRUITING AND ADVERTISING | 43,312 | 43,312 | --- |
| 22950 TOTAL, BUDGET ACTIVITY 4 | 128,798 | 128,798 | --- |
| 23420 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -13,930 | -13,930 |
| 23500 TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE | 2,642,341 | 2,628,896 | -13,445 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 131 | **BASE OPERATIONS SUPPORT** | **548,086** | **549,686** |
| | Aviation Support Facilities Expansion Program, Clearwater, FL | | 1,600 |
| 135 | **ADDITIONAL ACTIVITIES** | **13,531** | **12,416** |
| | Travel | | -1,115 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | **-13,930** |

OPERATION AND MAINTENANCE, NAVY RESERVE

For Operation and Maintenance, Navy Reserve, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 23650 OPERATION AND MAINTENANCE, NAVY RESERVE | | | |
| 23700 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 23750 RESERVE AIR OPERATIONS | | | |
| 23800 MISSION AND OTHER FLIGHT OPERATIONS | 604,501 | 604,501 | --- |
| 23850 INTERMEDIATE MAINTENANCE | 16,083 | 16,083 | --- |
| 23900 AIR OPERATIONS AND SAFETY SUPPORT | 3,156 | 3,156 | --- |
| 23950 AIRCRAFT DEPOT MAINTENANCE | 144,515 | 144,515 | --- |
| 24000 AIRCRAFT DEPOT OPERATIONS SUPPORT | 427 | 427 | --- |
| 24050 RESERVE SHIP OPERATIONS | | | |
| 24100 MISSION AND OTHER SHIP OPERATIONS | 55,920 | 55,920 | --- |
| 24150 SHIP OPERATIONAL SUPPORT AND TRAINING | 595 | 595 | --- |
| 24200 SHIP DEPOT MAINTENANCE | 62,629 | 62,629 | --- |
| 24300 RESERVE COMBAT OPERATIONS SUPPORT | | | |
| 24350 COMBAT COMMUNICATIONS | 14,834 | 14,834 | --- |
| 24400 COMBAT SUPPORT FORCES | 122,567 | 122,567 | --- |
| 24450 RESERVE WEAPONS SUPPORT | | | |
| 24500 WEAPONS MAINTENANCE | 5,385 | 5,385 | --- |
| 24550 ENTERPRISE INFORMATION TECHNOLOGY | 92,327 | 92,327 | --- |
| 24600 BASE OPERATING SUPPORT | | | |
| 24650 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 61,680 | 61,680 | --- |
| 24700 BASE OPERATING SUPPORT | 111,296 | 111,296 | --- |
| 24800 TOTAL, BUDGET ACTIVITY 1 | 1,295,915 | 1,295,915 | --- |
| 24850 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 24900 ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 24950 ADMINISTRATION | 3,341 | 3,341 | --- |
| 25000 MILITARY MANPOWER & PERSONNEL | 9,002 | 9,002 | --- |
| 25050 SERVICEWIDE COMMUNICATIONS | 2,396 | 2,396 | --- |
| 25150 OTHER SERVICEWIDE SUPPORT | 431 | 431 | --- |
| 25250 TOTAL, BUDGET ACTIVITY 4 | 15,170 | 15,170 | --- |
| 25270 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -1,944 | -1,944 |
| 25460 FY 08 FACT-OF-LIFE CHANGES NOT PROPERLY ACCOUNTED FOR | --- | -1,000 | -1,000 |
| 25500 TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE | 1,311,085 | 1,308,141 | -2,944 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | Budget Request | Recommendation |
|---|---|---|
| 5% REDUCTION IN CONTRACT SERVICES | | -1,944 |
| FY 08 Fact-Of-Life Changes Not Properly Accounted For | | -1,000 |

OPERATION AND MAINTENANCE,
MARINE CORPS RESERVE

For Operation and Maintenance, Marine Corps Reserve, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 26000 OPERATION AND MAINTENANCE, MARINE CORPS RESERVE | | | |
| 26050 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 26100 EXPEDITIONARY FORCES | | | |
| 26150 OPERATING FORCES | 54,848 | 54,848 | --- |
| 26200 DEPOT MAINTENANCE | 11,640 | 11,640 | --- |
| 26250 TRAINING SUPPORT | 29,296 | 29,296 | --- |
| 26300 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 16,174 | 16,174 | --- |
| 26350 BASE OPERATING SUPPORT | 68,065 | 68,065 | --- |
| 26400 TOTAL, BUDGET ACTIVITY 1 | 180,023 | 180,023 | --- |
| 26450 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 26500 ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 26550 SPECIAL SUPPORT | 7,616 | 7,616 | --- |
| 26600 SERVICEWIDE TRANSPORTATION | 815 | 815 | --- |
| 26650 ADMINISTRATION | 11,316 | 11,316 | --- |
| 26700 RECRUITING AND ADVERTISING | 8,712 | 8,712 | --- |
| 26750 BASE OPERATING SUPPORT | 4,649 | 4,649 | --- |
| 26800 TOTAL, BUDGET ACTIVITY 4 | 33,108 | 33,108 | --- |
| 26820 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -644 | -644 |
| 27000 TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE | 213,131 | 212,487 | -644 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Recommendation |
|---|---|---|
| 5% REDUCTION IN CONTRACT SERVICES | | -644 |

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

For Operation and Maintenance, Air Force Reserve, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 28000 OPERATION AND MAINTENANCE, AIR FORCE RESERVE | | | |
| 28050 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 28100 AIR OPERATIONS | | | |
| 28150 PRIMARY COMBAT FORCES | 2,150,860 | 2,033,860 | -117,000 |
| 28200 MISSION SUPPORT OPERATIONS | 115,971 | 115,971 | --- |
| 28250 DEPOT MAINTENANCE | 379,452 | 379,452 | --- |
| 28300 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 92,969 | 92,969 | --- |
| 28350 BASE OPERATING SUPPORT | 277,350 | 277,350 | --- |
| 28400 TOTAL, BUDGET ACTIVITY 1 | 3,016,602 | 2,899,602 | -117,000 |
| 28450 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 28500 ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 28550 ADMINISTRATION | 71,059 | 71,059 | --- |
| 28600 RECRUITING AND ADVERTISING | 25,392 | 25,392 | --- |
| 28650 MILITARY MANPOWER AND PERSONNEL MANAGEMENT | 22,513 | 26,513 | +4,000 |
| 28700 OTHER PERSONNEL SUPPORT | 6,625 | 6,625 | --- |
| 28750 AUDIOVISUAL | 701 | 701 | --- |
| 28800 TOTAL, BUDGET ACTIVITY 4 | 126,290 | 130,290 | +4,000 |
| 28920 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -2,541 | -2,541 |
| 28940 REMOVAL OF ONE-TIME CONGRESSIONAL INCREASES AND 28941 ONE COMPENSABLE DAY IN FY 09 | --- | -9,200 | -9,200 |
| 29000 TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE | 3,142,892 | 3,018,151 | -124,741 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 011A | **PRIMARY COMBAT FORCES** | **2,150,860** | **2,033,860** |
| | Correction in Flying Hour Cost | | -117,000 |
| 011R | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **92,969** | **92,969** |
| | Increase Sustainment to 95% of Requirement | | |
| 042K | **MILITARY MANPOWER AND PERSONNEL MANAGEMENT** | **22,513** | **26,513** |
| | 931st ARG Manning | | 4,000 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | **-2,541** |
| | Removal of One Time Congressional Increases and One Less Compensable Day in FY 09 | | **-9,200** |

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

For Operation and Maintenance, Army National Guard funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 30000 OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD | | | |
| 30050 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 30100 LAND FORCES | | | |
| 30150 MANEUVER UNITS | 905,866 | 903,266 | -2,600 |
| 30200 MODULAR SUPPORT BRIGADES | 159,765 | 159,765 | --- |
| 30250 ECHELONS ABOVE BRIGADE | 553,548 | 551,948 | -1,600 |
| 30300 THEATER LEVEL ASSETS | 267,183 | 265,583 | -1,600 |
| 30350 LAND FORCES OPERATIONS SUPPORT | 41,141 | 51,217 | +10,076 |
| 30400 AVIATION ASSETS | 852,986 | 852,986 | --- |
| 30450 LAND FORCES READINESS | | | |
| 30500 FORCE READINESS OPERATIONS SUPPORT | 316,359 | 311,159 | -5,200 |
| 30550 LAND FORCES SYSTEMS READINESS | 120,210 | 119,210 | -1,000 |
| 30600 LAND FORCES DEPOT MAINTENANCE | 367,551 | 371,559 | +4,008 |
| 30650 LAND FORCES READINESS SUPPORT | | | |
| 30700 BASE OPERATIONS SUPPORT | 756,579 | 760,899 | +4,320 |
| 30750 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 500,933 | 503,333 | +2,400 |
| 30800 MANAGEMENT & OPERATIONAL HEADQUARTERS | 504,977 | 507,777 | +2,800 |
| 30850 MISCELLANEOUS ACTIVITIES | 87,089 | 72,989 | -14,100 |
| 31000 TOTAL, BUDGET ACTIVITY 1 | 5,434,187 | 5,431,691 | -2,496 |
| 31050 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 31100 ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 31150 ADMINISTRATION | 124,769 | 127,569 | +2,800 |
| 31200 SERVICEWIDE COMMUNICATIONS | 50,668 | 50,668 | --- |
| 31250 MANPOWER MANAGEMENT | 7,679 | 7,679 | --- |
| 31300 RECRUITING AND ADVERTISING | 258,243 | 258,243 | --- |
| 31350 TOTAL, BUDGET ACTIVITY 4 | 441,359 | 444,159 | +2,800 |
| 31990 ONE LESS COMPENSABLE DAY IN FY09 | --- | -5,000 | -5,000 |
| 31995 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -12,547 | -12,547 |
| 32000 TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD | 5,875,546 | 5,858,303 | -17,243 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 111 | **MANEUVER UNITS** | **905,866** | **903,266** |
| | Removal of One-time Congressional Increases | | -2,600 |
| 113 | **ECHELONS ABOVE BRIGADE** | **553,548** | **551,948** |
| | Removal of One-time Congressional Increases | | -1,600 |
| 114 | **THEATER LEVEL ASSETS** | **267,183** | **265,583** |
| | Removal of One-time Congressional Increases | | -2,400 |
| | Rescue Hooks/Strap Cutters | | 800 |
| 115 | **LAND FORCES OPERATIONS SUPPORT** | **41,141** | **51,217** |
| | Removal of One-time Congressional Increases | | -1,000 |
| | Spray Technique Analysis and Research for Defense (STAR4D) | | 1,760 |
| | National Guard CST/CERFP Sustainment Training and Evaluation Program (STEP) | | 800 |
| | WMD - Civil Support Team for New York State | | 1,024 |
| | Vermont National Guard Readiness Equipment | | 792 |
| | Advanced Starting Systems | | 400 |
| | WMD - Civil Support Team for Florida | | 2,300 |
| | Expandable Light Air Mobilty Shelters (ELAMS) and Contingency Response Communications System (CRCS) | | 4,000 |
| 121 | **FORCE READINESS OPERATIONS SUPPORT** | **316,359** | **311,159** |
| | Removal of One-time Congressional Increases | | -23,000 |
| | Advanced Law Enforcement Rapid Response Training (ALERRT) | | 1,600 |
| | 2nd Generation Extended Cold Weather Clothing System | | 3,200 |
| | Army National Guard Battery Modernization Program | | 2,400 |
| | Joint Interagency Training and Education Center | | 5,600 |
| | Rapid Data Management System (RDMS) | | 5,000 |
| 122 | **LAND FORCES SYSTEMS READINESS** | **120,210** | **119,210** |
| | Removal of One-time Congressional Increases | | -5,000 |
| | Columbia Regional Geospatial Service Center System | | 4,000 |
| 123 | **LAND FORCES DEPOT MAINTENANCE** | **367,551** | **371,559** |
| | MK 19 Crew Served Weapons Systems Trainer (Engagement Skills Trainer 2000) | | 328 |
| | Joint Forces Orientation Distance Learning | | 2,400 |
| | Non-foam, Special Polymer Twin Hemisphere Pad Sets for Personnel Armor System for Ground Troops (PASGT) Helmet Retrofit Kits | | 1,280 |
| 131 | **BASE OPERATIONS SUPPORT** | **756,579** | **760,899** |
| | Removal of One-time Congressional Increases | | -8,300 |
| | Exportable Combat Training Capability | | 3,500 |
| | Integrated Communications for Georgia National Guard Support for Civil Authorities | | 1,600 |
| | Family Support Regional Training Pilot Program | | 1,520 |
| | Pennsylvania National Guard Integration of the Joint CONUS Communications Support Environment (JCCSE) | | 2,000 |
| | Vermont Army National Guard Mobile Back-Up Power | | 800 |
| | Vermont Service Member, Veteran, and Family Member Outreach, Readiness, and Reintegration Program | | 3,200 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 132 | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **500,933** | **503,333** |
| | Mobile Firearms Simulator and Facility Improvements | | 800 |
| | Border Joint Operations Emergency Preparedness Center | | 1,200 |
| | Jersey City Armory Dining Support Service Rehabilitation Project | | 400 |
| 133 | **MANAGEMENT & OPERATIONAL HEADQUARTERS** | **504,977** | **507,777** |
| | Emergency Satellite Communications Packages (JISCC) | | 2,800 |
| 135 | **ADDITIONAL ACTIVITIES** | **87,089** | **72,989** |
| | Removal of One-time Congressional Increases | | -25,000 |
| | Minnesota Beyond Yellow Ribbon Reintegration Program | | 2,000 |
| | Weapons Skills Trainer | | 3,000 |
| | Family Assistance Centers | | 1,600 |
| | Homeland Operations Planning System (HOPS) | | 2,800 |
| | Colorado National Guard Reintegration Program | | 1,000 |
| | Yellow Ribbon-Alaska National Guard | | 500 |
| 431 | **ADMINISTRATION** | **124,769** | **127,569** |
| | Advanced Trauma Training Course for the Illinois Army National Guard | | 2,400 |
| | National Guard Global Education Program | | 400 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | **-12,547** |
| | **One Less Compensable Day in FY 09** | | **-5,000** |

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

For Operation and Maintenance, Air National Guard, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 33000 OPERATION AND MAINTENANCE, AIR NATIONAL GUARD | | | |
| 33050 BUDGET ACTIVITY 1: OPERATING FORCES | | | |
| 33100 AIR OPERATIONS | | | |
| 33150 AIRCRAFT OPERATIONS | 3,580,927 | 3,582,527 | +1,600 |
| 33200 MISSION SUPPORT OPERATIONS | 670,554 | 689,944 | +19,390 |
| 33250 DEPOT MAINTENANCE | 691,199 | 691,199 | --- |
| 33300 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 300,101 | 305,501 | +5,400 |
| 33350 BASE OPERATING SUPPORT | 594,733 | 594,733 | --- |
| 33400 TOTAL, BUDGET ACTIVITY 1 | 5,837,514 | 5,863,904 | +26,390 |
| 33450 BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES | | | |
| 33500 SERVICEWIDE ACTIVITIES | | | |
| 33550 ADMINISTRATION | 31,234 | 31,234 | --- |
| 33600 RECRUITING AND ADVERTISING | 10,828 | 20,828 | +10,000 |
| 33650 TOTAL, BUDGET ACTIVITY 4 | 42,062 | 52,062 | +10,000 |
| 34170 CONTRACT SERVICES 5 PERCENT REDUCTION | --- | -4,922 | -4,922 |
| 34190 ONE LESS COMPENSABLE DAY IN FY09 | --- | -10,000 | -10,000 |
| 35000 TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD | 5,879,576 | 5,901,044 | +21,468 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| O-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 011F | **AIRCRAFT OPERATIONS** | **3,580,927** | **3,582,527** |
| | MBU 20/P Oxygen Mask with Mask Light | | 800 |
| | Vehicle Fuel Catalyst Retrofit | | 800 |
| 011G | **MISSION SUPPORT OPERATIONS** | **670,554** | **689,944** |
| | Technical Adjustment: Transfer to Recruiting and Advertising | | -10,000 |
| | Weapons Vaults Upgrade | | 200 |
| | 129th Air Rescue Wing Security Towers | | 200 |
| | Atlantic Thunder Quarterly Joint Training Events at the Air National Guard Savannah Combat Readiness Training Center | | 400 |
| | Active Noise Reduction Headsets | | 800 |
| | Controlled Humidity Protection (CHP) | | 1,600 |
| | Crypto-Linguist/Intelligence Officer Initiative | | 640 |
| | DART (DCGS Analysis and Reporting Team) | | 2,400 |
| | Joint Interagency Training and Education Center | | 150 |
| | National Guard and First Responder Resiliency Training | | 1,200 |
| | UAV Technology Evaluation Program | | 3,000 |
| | Unmanned Aerial System Mission Planning | | 400 |
| | Scathe View | | 400 |
| | Mobilize Non-Mobilized ANG for DCGS PED | | 10,000 |
| | New England Disaster Training Center | | 8,000 |
| 011R | **FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **300,101** | **305,501** |
| | Increase Sustainment to 95% of Requirement | | |
| | Smoky Hill Range Access Road Improvements | | 1,600 |
| | Smoky Hill Range Equipment | | 1,600 |
| | Squadron Operations Facility Repair – Phase I | | 2,200 |
| 042J | **RECRUITING AND ADVERTISING** | **10,828** | **20,828** |
| | Technical Adjustment: Transfer from Mission Support Operations | | 10,000 |
| | **5% REDUCTION IN CONTRACT SERVICES** | | **-4,922** |
| | **One Less Compensable Day in FY 09** | | -10,000 |

OVERSEAS CONTINGENCY OPERATIONS TRANSFER ACCOUNT

For the Overseas Contingency Operations Transfer Account, no funds are provided for fiscal year 2009.

UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

For the United States Court of Appeals for the Armed Forces, $13,254,000 is provided for fiscal year 2009.

ENVIRONMENTAL RESTORATION, ARMY

For Environmental Restoration, Army, $457,776,000 is provided for fiscal year 2009.

ENVIRONMENTAL RESTORATION, NAVY

For Environmental Restoration, Navy, $290,819,000 is provided for fiscal year 2009.

ENVIRONMENTAL RESTORATION, AIR FORCE

For Environmental Restoration, Air Force, $496,277,000 is provided for fiscal year 2009.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

For Environmental Restoration, Defense-Wide, $13,175,000 is provided for fiscal year 2009.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

For Environmental Restoration, Formerly Used Defense Sites, $291,296,000 is provided for fiscal year 2009. The Department is urged to support on-going unexploded ordnance remediation programs in Vietnam. The adjustment to the budget for Environmental Restoration, Formerly Used Defense Sites is shown below:

| | |
|---|---|
| Unexploded Ordnance Remediation | $8,500,000 |
| Other Unfunded Requirements | 25,000,000 |

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

For Overseas, Humanitarian, Disaster, and Civic Aid, $83,273,000 is provided for fiscal year 2009.

COOPERATIVE THREAT REDUCTION ACCOUNT

For the Cooperation Threat Reduction Account, $434,135,000 is provided for fiscal year 2009. This appropriation is provided for the same purposes as prior year appropriations for the ''Former Soviet Union Threat Reduction'' account. The name change is being made to reflect the new, broader focus of the program.

TITLE III—PROCUREMENT

For Procurement, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| SUMMARY | | | |
| ARMY | | | |
| AIRCRAFT | 5,009,835 | 4,900,835 | -109,000 |
| MISSILES | 2,211,460 | 2,185,060 | -26,400 |
| WEAPONS, TRACKED COMBAT VEHICLES | 3,687,077 | 3,169,128 | -517,949 |
| AMMUNITION | 2,275,791 | 2,287,398 | +11,607 |
| OTHER | 11,367,926 | 10,684,014 | -683,912 |
| TOTAL, ARMY | 24,552,089 | 23,226,435 | -1,325,654 |
| NAVY | | | |
| AIRCRAFT | 14,716,774 | 14,141,318 | -575,456 |
| WEAPONS | 3,575,482 | 3,292,972 | -282,510 |
| AMMUNITION | 1,122,712 | 1,085,158 | -37,554 |
| SHIPS | 12,732,918 | 13,054,367 | +321,449 |
| OTHER | 5,482,856 | 5,250,627 | -232,229 |
| MARINE CORPS | 1,512,765 | 1,376,917 | -135,848 |
| TOTAL, NAVY | 39,143,507 | 38,201,359 | -942,148 |
| AIR FORCE | | | |
| AIRCRAFT | 12,676,496 | 13,112,617 | +436,121 |
| MISSILES | 5,536,728 | 5,442,428 | -94,300 |
| AMMUNITION | 894,478 | 859,466 | -35,012 |
| OTHER | 16,128,396 | 16,052,569 | -75,827 |
| TOTAL, AIR FORCE | 35,236,098 | 35,467,080 | +230,982 |
| DEFENSE-WIDE | | | |
| DEFENSE-WIDE | 3,164,228 | 3,306,269 | +142,041 |
| NATIONAL GUARD AND RESERVE EQUIPMENT | --- | 750,000 | +750,000 |
| DEFENSE PRODUCTION ACT PURCHASES | 36,365 | 100,565 | +64,200 |
| TOTAL PROCUREMENT | 102,132,287 | 101,051,708 | -1,080,579 |

CONGRESSIONAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase ''only for'' or ''only to'' are congressional interest items for purposes of the Base for Reprogramming Department of Defense form (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in these materials.

ACQUISITION COST

The Department of Defense has exhibited an alarming trend in funding acquisition programs below full cost. In recent years, the Littoral Combat Ship, the Future Combat Systems, the Armed Reconnaissance Helicopter, and the Electromagnetic Aircraft Launching System have all required funds to be reprogrammed in an execution year to correct shortfalls. Additionally, the Joint Strike Fighter, the Future Combat Systems, the Expeditionary Fighting Vehicle, the Global Hawk Unmanned Aerial Vehicle, and the Space Based Infrared Satellite System have all required restructuring by the Department during the budget formulation period. Funds used to correct these shortfalls typically are taken from other acquisition programs. This trend is disturbing and ultimately reduces overall stability in the Department's acquisition programs.

The causes for this practice are varied and many. In some cases, the Department violates its own policy by not funding programs to the estimate provided by the Department's Cost Analysis Improvement Group (CAIG), which is required by statute to conduct an independent cost estimate on major acquisition programs. In other cases, the cost estimates are flawed, missing key elements of cost. Cost growth or technical challenges are frequently cited as a reason for funding shortfalls, although the fundamental causes can usually be traced back to not funding to the proper estimate from program inception. A major contributor to this problem is that lower than reasonable proposals for programs from contractors are oftentimes accepted by the Department as an opportunity to get major programs started because, once started, history has proven that major programs are rarely terminated.

By underfunding programs, the Department lengthens development schedules, costs the taxpayers additional dollars, and delays fielding critical capabilities to our Nation's Armed Forces. The Department must be more accountable and fiscally responsible. Since the Department takes the time and expends the resources to conduct independent cost estimates, it should use that information in formulating budgets for the programs. The Department is directed to provide a report to the congressional defense committees that shows which Acquisition Category I (ACAT I) programs did not use the CAIG estimate as the official program estimate at a milestone decision and an explanation as to why the CAIG estimate was not used. The report should encompass the period from fiscal year 2004 through fiscal year 2008 and be submitted prior to March 1, 2009.

FUTURE COMBAT SYSTEMS (FCS) RESTRUCTURE

The Future Combat Systems (FCS) remains the Army's top priority modernization program, designed to provide rapidly deployable, highly survivable and lethal forces. While the program has struggled with changing requirements and cost growth in recent years and undergone multiple restructures, support remains strong for the Army's goal to create a more capable and modern force. Most recently, the Army informed Congress of its intent to change the near-term focus of FCS by fielding available capabilities to Infantry Brigade Combat Teams, which are in high demand in the Global War on Terror, and deferring the fielding of these technologies to Heavy Brigade Combat Teams, which were originally slated to first receive the initial FCS spin outs. In support of this program shift, the Army has requested an adjustment to its fiscal year 2009 budget request for FCS from within program funds. Funding in the bill supports the Army's plan to field proven technologies that provide immediate enhanced capabilities to the warfighter and fully supports the Army's requested program adjustments, as detailed below.

[In thousands of dollars]

| | *Amount* |
|---|---|
| Weapons and Tracked Combat Vehicles, Army: | |
| Line 8, FCS Spin Outs | −$137,679 |
| Line 9, FCS Spin Outs Advance Procurement | +28,479 |
| Research, Development, Test and Evaluation, Army: | |
| Line 89, Non Line of Sight Launch System | +8,600 |
| Line 91, FCS Manned Ground Vehicles & Common Ground Vehicle | +11,000 |
| Line 92, FCS System of Systems Engineer & Program Management | +5,500 |
| Line 93, FCS Reconnaissance [UAV] Platforms | +11,000 |
| Line 95, FCS Unattended Ground Sensors | +4,100 |
| Line 96, FCS Sustainment & Training R&D | +19,000 |
| Line 97, Modular Brigade Enhancement | +38,500 |
| Research, Development, Test and Evaluation, Navy: | |
| Line 96, Joint Tactical Radio System–Navy | +11,500 |

ACQUISITION WORKFORCE DEVELOPMENT FUND

Section 852 of the National Defense Authorization Act for Fiscal Year 2008 established the Department of Defense Acquisition Workforce Development Fund (AWDF) to finance recruiting, training, and retention of acquisition personnel. Funding for the AWDF is generated by taking funds appropriated for other programs. In fiscal year 2008, the planned funding level is approximately $258,000,000 and it will grow to $600,000,000 in fiscal year 2011 and thereafter.

There is concern about sustaining a trained, capable and adequately manned acquisition workforce, particularly as the Department faces a wave of retirements over the coming years that may leave the workforce without the most experienced members. However, there are problems with the way the AWDF is currently constituted. These concerns include:

—AWDF funding is not based on an estimate of the program's requirements;

—Projected use of the funding is not provided in advance to Congress;

—The accounting process skews the obligation and expenditure data on appropriations used to finance the AWDF;

—Expiring funds may be used to finance the AWDF thereby extending, or effectively re-appropriating without congressional approval, those funds for up to two years beyond the original life of the appropriation.

The simple and straightforward solution to these problems is to bring the AWDF into the regular appropriations process. The Department is directed to include the funding required for the Acquisition Workforce Development Fund in its fiscal year 2010 budget request.

GOVERNMENT ACCOUNTABILITY OFFICE

For each of the past six years, the Government Accountability Office has provided an assessment on a broad range of weapon systems that consists of (1) a macro analysis of how well acquisition programs are performing and reasons for that performance, and (2) specific analyses of individual weapon system programs. The report that results from this annual assessment has proven invaluable as an independent look at cross-cutting acquisition issues and in evaluating the status of individual weapon systems. This work has thus far been conducted under the Comptroller General's own authority. The Comptroller General is directed to perform the annual assessment of selected weapon system programs and to report the results of the assessment to the congressional defense committees by March 30th of each year.

JOINT STRIKE FIGHTER F–136 ENGINE DEVELOPMENT

The fiscal year 2009 budget request included no funding for the continued development of the F–136 engine as an alternate engine within the Joint Strike Fighter program. The bill includes $430,000,000 for the continued development of this engine within the Navy and Air Force's Joint Strike Fighter development programs and $35,000,000 for advance procurement items within the Aircraft Procurement, Air Force appropriation. The Secretary of Defense is once again directed to fully fund the F–136 engine development and procurement efforts in the fiscal year 2010 budget submission.

AIR FORCE ACQUISITION

The Air Force continues to experience significant difficulties in acquiring major acquisition systems in a timely and cost effective manner. From protests upheld by the Government Accountability Office (GAO) to numerous Nunn-McCurdy breaches, it is apparent that the acquisition process is seriously flawed and change is needed. As a starting point, the Air Force needs to ensure that its programs have well-understood requirements, manageable development cycles, realistic cost estimates, and adequate program funding for the entire development cycle. There are a number of remedies that would improve the Air Force's prospects in its acquisitions. Some examples are:

Disciplined use of tried and true systems engineering practices to ensure that a proposed system's performance requirements are achievable with available resources before beginning an acquisition program;

Establishing a clear business case for each program that is agreed upon by the warfighter, the comptroller, and the acquisition community;

Maturing technologies until they are ready for an acquisition program (separating technology development from acquisition programs);

Continuing to develop a skilled workforce capable of managing requirements trades, source selection, and knowledge-based acquisition strategies;

Basing programmatic decisions on demonstrated knowledge; and

Matching program manager tenure with the duration of the system design and demonstration phase of a program, and tailoring career paths and performance management systems to incentivize longer tenures.

The Secretary of Defense is directed to provide a report no later than March 31, 2009, to the congressional defense committees on the Department's plans to reform Air Force acquisition to address the problems that have continued to plague the acquisition process.

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Department of Defense is directed to continue to follow the reprogramming guidance specified in the House Report (H. Rept.

110–279) accompanying the Fiscal Year 2008 Department of Defense Appropriations Act. Specifically, the dollar threshold for reprogramming funds will remain at $20,000,000 for procurement, and $10,000,000 for research, development, test and evaluation. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative. Therefore, if the combined value of transfers into or out of a procurement (P–1) or research, development, test and evaluation (R–1) line exceeds the identified threshold, the Department of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional interest items are established elsewhere in these materials.

REPROGRAMMING REPORTING REQUIREMENTS

The Under Secretary of the Department of Defense, Comptroller is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD1416 reports for service and defense-wide accounts in titles III and IV of this Act as required in the statement of the managers accompanying the conference report on the Department of Defense Appropriations Act, 2006.

INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE

The Secretary of Defense notified the House and the Senate Committees on Appropriations of a number of urgent Intelligence, Surveillance and Reconnaissance (ISR) needs for fiscal year 2009 that were not contained in the budget request. In order to respond to these emerging requirements, an increase of $750,000,000 is provided in operation and maintenance, procurement, and research, development, test and evaluation accounts. The following table includes procurement funds provided in support of this initiative.

[In thousands of dollars]

| Line | Account | Item | |
|---|---|---|---|
| P–11A | APAF | Procure 24 C–12 Aircraft | $360,000 |
| P–63 | PDW | SOF Deployable Nodes-M SOF Tactical Assured Connectivity Systems. | 6,000 |
| P–76 | PDW | Additional Medium UAV | 13,000 |
| P–76 | PDW | SOF Equipment for MQ–9 | 20,000 |

FUNDING INCREASES

The funding increases outlined in these tables shall be provided only for the specific purposes indicated in the table.

AIRCRAFT PROCUREMENT, ARMY

For Aircraft Procurement, Army, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| AIRCRAFT PROCUREMENT, ARMY | | | | | | |
| AIRCRAFT | | | | | | |
| FIXED WING | | | | | | |
| UTILITY F/W CARGO AIRCRAFT | 7 | 264,160 | 7 | 264,160 | --- | --- |
| UTILITY F/W (MR) AIRCRAFT | --- | --- | --- | --- | --- | --- |
| ROTARY | | | | | | |
| ARMED RECONNAISSANCE HELICOPTER | 28 | 358,841 | 15 | 197,841 | -13 | -161,000 |
| ARMED RECONNAISSANCE HELICOPTER (AP-CY) | --- | 80,010 | --- | 43,810 | --- | -36,200 |
| HELICOPTER, LIGHT UTILITY | 36 | 224,518 | 44 | 257,118 | +8 | +32,600 |
| UH-60 BLACKHAWK (MYP) | 63 | 925,852 | 63 | 927,452 | --- | +1,600 |
| UH-60 BLACKHAWK (MYP) (AP-CY) | --- | 137,175 | --- | 137,175 | --- | --- |
| CH-47 HELICOPTER | 16 | 443,519 | 16 | 443,519 | --- | --- |
| HELICOPTER NEW TRAINING | --- | 2,381 | --- | 2,381 | --- | --- |
| TOTAL, AIRCRAFT | | 2,436,456 | | 2,273,456 | | -163,000 |
| MODIFICATION OF AIRCRAFT | | | | | | |
| GUARDRAIL MODS (TIARA) | --- | 119,057 | --- | 108,357 | --- | -10,700 |
| MULTI SENSOR ABN RECON (MIP) | --- | 23,297 | --- | 23,297 | --- | --- |
| AH-64 MODS | --- | 607,969 | --- | 609,969 | --- | +2,000 |
| AH-64 MODS (AP-CY) | --- | 29,373 | --- | 29,373 | --- | --- |
| CH-47 CARGO HELICOPTER MODS | --- | 674,586 | --- | 670,986 | --- | -3,600 |
| CH-47 CARGO HELICOPTER MODS (AP-CY) | --- | 49,619 | --- | 49,619 | --- | --- |
| UTILITY/CARGO AIRPLANE MODS | --- | 14,921 | --- | 16,521 | --- | +1,600 |
| AIRCRAFT LONG RANGE MODS | --- | 577 | --- | 577 | --- | --- |
| UH-60 MODS | --- | 10,866 | --- | 27,066 | --- | +16,200 |
| KIOWA WARRIOR | --- | 13,722 | --- | 58,222 | --- | +44,500 |
| AIRBORNE AVIONICS | --- | 174,978 | --- | 174,978 | --- | --- |
| GATM ROLLUP | --- | 79,223 | --- | 79,223 | --- | --- |
| SPARES AND REPAIR PARTS | | | | | | |
| SPARE PARTS (AIR) | --- | 6,875 | --- | 6,875 | --- | --- |
| TOTAL, MODIFICATION OF AIRCRAFT | | 1,805,063 | | 1,855,063 | | +50,000 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| GROUND SUPPORT AVIONICS | | | | | | |
| AIRCRAFT SURVIVABILITY EQUIPMENT | --- | 56,906 | --- | 56,906 | --- | --- |
| ASE INFRARED CM | --- | 433,941 | --- | 433,941 | --- | --- |
| OTHER SUPPORT | | | | | | |
| AVIONICS SUPPORT EQUIPMENT | --- | 5,028 | --- | 5,028 | --- | --- |
| COMMON GROUND EQUIPMENT | --- | 103,882 | --- | 103,882 | --- | --- |
| AIRCREW INTEGRATED SYSTEMS | --- | 40,697 | --- | 44,697 | --- | +4,000 |
| AIR TRAFFIC CONTROL | --- | 122,775 | --- | 122,775 | --- | --- |
| INDUSTRIAL FACILITIES | --- | 2,536 | --- | 2,536 | --- | --- |
| LAUNCHER, 2.75 ROCKET | --- | 2,442 | --- | 2,442 | --- | --- |
| AIRBORNE COMMUNICATIONS | --- | 109 | --- | 109 | --- | --- |
| TOTAL, SUPPORT EQUIPMENT AND FACILITIES | | 768,316 | | 772,316 | | +4,000 |
| TOTAL, AIRCRAFT PROCUREMENT, ARMY | | 5,009,835 | | 4,900,835 | | -109,000 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 3 | **ARMED RECONNAISSANCE HELICOPTER** | **358,841** | **197,841** |
| | Integration and production delays | | -161,000 |
| 4 | **ARMED RECONNAISSANCE HELICOPTER (AP-CY)** | **80,010** | **43,810** |
| | Integration and Production Delays | | -36,200 |
| 5 | **HELICOPTER, LIGHT UTILITY** | **224,518** | **257,118** |
| | Light Utility Helicopter | | 32,600 |
| 6 | **UH-60 BLACKHAWK (MYP)** | **925,852** | **927,452** |
| | Aircraft Component Remediation | | 1,600 |
| 12 | **GUARDRAIL MODS (TIARA)** | **119,057** | **108,357** |
| | Funding in Excess of Requirement | | -10,700 |
| 14 | **AH-64 MODS** | **607,969** | **609,969** |
| | Vibration Management Enhancement Program (Note: For SC ARNG) | | 2,000 |
| 16 | **CH-47 CARGO HELICOPTER MODS** | **674,586** | **670,986** |
| | Unexecutable Production Ramp for Cargo Floor Handling System | | -6,000 |
| | CAAS - Pilot Vehicle Interface | | 1,600 |
| | Vibration Management Enhancement Program | | 800 |
| 18 | **UTILITY/CARGO AIRPLANE MODS** | **14,921** | **16,521** |
| | Forward Looking Infrared System for New York National Guard | | 1,600 |
| 20 | **UH-60 MODS** | **10,866** | **27,066** |
| | UH-60A Rewiring Program | | 5,000 |
| | UH-60 Improved Communications (ARC 220) for the ARNG | | 1,600 |
| | HH-60A to HH-60L Upgrades for 204th TN ARNG | | 8,000 |
| | UH-60 MEDEVAC Thermal Imaging Upgrades | | 1,600 |
| 21 | **KIOWA WARRIOR** | **13,722** | **58,222** |
| | Accelerate Safety Enhancement Program | | 42,000 |
| | Vibration Management Enhancement Program | | 2,500 |
| 30 | **AIRCREW INTEGRATED SYSTEMS** | **40,697** | **44,697** |
| | Cockpit Air Bag System (CABS) | | 1,600 |
| | Air Warrior-Joint Service Vacuum Packed Life Raft (AW-JSVPLR) | | 2,400 |

KIOWA WARRIOR

The bill provides an additional $42,000,000 for safety, performance, and weight enhancements for the Kiowa Warrior. The Army is directed to use these funds on projects which provide the greatest benefit for sustaining the Kiowa Warrior until the Armed Reconnaissance Helicopter is fielded.

FORT KNOX GODMAN ARMY AIRFIELD

Congress provided $3,200,000 for the Fort Knox Godman Army Airfield Area Surveillance Radar in the Department of Defense Appropriations Act, 2008 (Public Law 110–116). Due to the increasing cost of this initiative, the Army no longer intends to purchase the radar and now plans to purchase comparable air traffic control equipment with the funding. The Army is directed to use the funds for this alternative purpose at Fort Knox Godman Army Airfield.

MISSILE PROCUREMENT, ARMY

For Missile Procurement, Army, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| MISSILE PROCUREMENT, ARMY | | | | | | |
| OTHER MISSILES | | | | | | |
| SURFACE-TO-AIR MISSILE SYSTEM | | | | | | |
| PATRIOT SYSTEM SUMMARY | 108 | 512,086 | 108 | 512,086 | --- | --- |
| PATRIOT/MEADS CAP SYSTEM SUMMARY | --- | 31,049 | --- | 31,049 | --- | --- |
| PATRIOT/MEADS CAP SYSTEM SUMMARY (AP-CY) | --- | 40,468 | --- | 40,468 | --- | --- |
| AIR-TO-SURFACE MISSILE SYSTEM | | | | | | |
| HELLFIRE SYS SUMMARY | --- | 48,629 | --- | 45,829 | --- | -2,800 |
| ANTI-TANK/ASSAULT MISSILE SYSTEM | | | | | | |
| JAVELIN (AAWS-M) SYSTEM SUMMARY | 605 | 259,326 | 605 | 259,326 | --- | --- |
| TOW 2 SYSTEM SUMMARY | 1,586 | 85,988 | 1,586 | 76,988 | --- | -9,000 |
| GUIDED MLRS ROCKET (GMLRS) | 1,938 | 247,213 | 1,938 | 240,213 | --- | -7,000 |
| MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) | 4,014 | 25,300 | 4,014 | 25,300 | --- | --- |
| HIMARS LAUNCHER | 57 | 246,041 | 57 | 246,041 | --- | --- |
| TOTAL, OTHER MISSILES | | 1,496,100 | | 1,477,300 | | -18,800 |
| MODIFICATION OF MISSILES | | | | | | |
| MODIFICATIONS | | | | | | |
| PATRIOT MODS | --- | 524,500 | --- | 516,900 | --- | -7,600 |
| ITAS/TOW MODS | --- | 137,109 | --- | 137,109 | --- | --- |
| MLRS MODS | --- | 1,872 | --- | 1,872 | --- | --- |
| HIMARS MODIFICATIONS: (NON AAO) | --- | 16,408 | --- | 16,408 | --- | --- |
| TOTAL, MODIFICATION OF MISSILES | | 679,889 | | 672,289 | | -7,600 |
| SPARES AND REPAIR PARTS | | | | | | |
| SPARES AND REPAIR PARTS | --- | 24,901 | --- | 24,901 | --- | --- |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| AIR DEFENSE TARGETS | --- | 6,442 | --- | 6,442 | --- | --- |
| ITEMS LESS THAN $5.0M (MISSILES) | --- | 10 | --- | 10 | --- | --- |
| PRODUCTION BASE SUPPORT | --- | 4,118 | --- | 4,118 | --- | --- |
| TOTAL, SUPPORT EQUIPMENT AND FACILITIES | | 10,570 | | 10,570 | | --- |
| TOTAL, MISSILE PROCUREMENT, ARMY | | 2,211,460 | | 2,185,060 | | -26,400 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 4 | **HELLFIRE SYSTEM SUMMARY** | **48,629** | **45,829** |
| | Unjustified Cost Growth | | -2,800 |
| 6 | **TOW 2 SYSTEM SUMMARY** | **85,988** | **76,988** |
| | Unjustified Cost Growth | | -9,000 |
| 8 | **GUIDED MLRS ROCKET (GMLRS)** | **247,213** | **240,213** |
| | Unit Cost Efficiencies | | -7,000 |
| 12 | **PATRIOT MODS** | **524,500** | **516,900** |
| | Unjustified Cost Growth | | -10,000 |
| | PATRIOT Tactical Command Station (TCS) / Battery Command Post (BCP) | | 2,400 |

JAVELIN

The bill provides a total of $259,326,000 for the Javelin Advanced Antitank Weapon System. Funds are appropriated to procure a maximum of 81,391 all up rounds and 125,239 command launch units.

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

For Procurement of Weapons and Tracked Combat Vehicles, Army, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PROCUREMENT OF W&TCV, ARMY | | | | | | |
| TRACKED COMBAT VEHICLES | | | | | | |
| BRADLEY BASE SUSTAINMENT | --- | 171,989 | --- | --- | --- | -171,989 |
| BRADLEY FVS TRAINING DEVICES (MOD) | --- | 4,386 | --- | 10,986 | --- | +6,600 |
| ABRAMS TANK TRAINING DEVICES | --- | --- | --- | 3,000 | --- | +3,000 |
| STRYKER VEHICLE | 119 | 1,174,947 | 119 | 951,000 | --- | -223,947 |
| FUTURE COMBAT SYSTEMS (FCS) | --- | 128,419 | --- | 128,419 | --- | --- |
| FUTURE COMBAT SYSTEMS (FCS) (AP-CY) | --- | 26,164 | --- | 26,164 | --- | --- |
| FCS SPIN OUTS | --- | 161,879 | --- | 24,200 | --- | -137,679 |
| FCS SPIN OUTS (AP-CY) | --- | 14,788 | --- | 43,267 | --- | +28,479 |
| MODIFICATION OF TRACKED COMBAT VEHICLES | | | | | | |
| FIST VEHICLE (MOD) | --- | 33,426 | --- | 33,426 | --- | --- |
| BFVS SERIES (MOD) | --- | 311,925 | --- | 311,925 | --- | --- |
| HOWITZER, MED SP FT 155MM M109A6 (MOD) | --- | 28,913 | --- | 28,913 | --- | --- |
| IMPROVED RECOVERY VEHICLE (M88 MOD) | 39 | 132,701 | 39 | 132,701 | --- | --- |
| ARMORED BREACHER VEHICLE | --- | 34,713 | --- | --- | --- | -34,713 |
| JOINT ASSAULT BRIDGE | --- | 40,464 | --- | 40,464 | --- | --- |
| M1 ABRAMS TANK (MOD) | --- | 341,569 | --- | 341,569 | --- | --- |
| ABRAMS UPGRADE PROGRAM | --- | 351,179 | --- | 351,179 | --- | --- |
| ITEMS LESS THAN $5.0M (TCV-WTCV) | --- | --- | --- | 1,600 | --- | +1,600 |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| PRODUCTION BASE SUPPORT (TCV-WTCV) | --- | 7,136 | --- | 7,136 | --- | --- |
| TOTAL, TRACKED COMBAT VEHICLES | | 2,964,598 | | 2,435,949 | | -528,649 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| WEAPONS AND OTHER COMBAT VEHICLES | | | | | | |
| HOWITZER, LIGHT, TOWED, 105MM, M119 | 68 | 118,431 | 68 | 112,931 | --- | -5,500 |
| M240 MEDIUM MACHINE GUN (7.62MM) | 5,900 | 61,334 | 5,900 | 61,334 | --- | --- |
| MACHINE GUN, CAL .50 M2 ROLL | --- | 99,881 | --- | 99,881 | --- | --- |
| M249 SAW MACHINE GUN (5.56MM) | 5,150 | 22,134 | 5,150 | 22,134 | --- | --- |
| MK-19 GRENADE MACHINE GUN (40MM) | 785 | 17,328 | 785 | 17,328 | --- | --- |
| MORTAR SYSTEMS | 165 | 15,500 | 165 | 15,500 | --- | --- |
| M107, CAL. 50, SNIPER RIFLE | --- | 223 | --- | 223 | --- | --- |
| XM320 GRENADE LAUNCHER MODULE (GLM) | --- | 31,756 | --- | 31,756 | --- | --- |
| XM110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) | 508 | 7,407 | 508 | 7,407 | --- | --- |
| M4 CARBINE | 88,964 | 151,055 | 88,964 | 151,055 | --- | --- |
| SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS) | 7,135 | 9,097 | 7,135 | 9,097 | --- | --- |
| FUTURE HANDGUN SYSTEM (FHS) | --- | 3,468 | --- | 1,968 | --- | -1,500 |
| HOWITZER LT WT 155MM (T) | 38 | 113,205 | 38 | 113,205 | --- | --- |
| MOD OF WEAPONS AND OTHER COMBAT VEH | | | | | | |
| MK-19 GRENADE MACHINE GUN MODS | --- | 7,654 | --- | 7,654 | --- | --- |
| M4 CARBINE MODS | --- | 16,796 | --- | 16,796 | --- | --- |
| M249 SAW MACHINE GUN MODS | --- | 7,088 | --- | 7,088 | --- | --- |
| M240 MEDIUM MACHINE GUN MODS | --- | 21,128 | --- | 21,128 | --- | --- |
| M119 MODIFICATIONS | --- | 964 | --- | 964 | --- | --- |
| M16 RIFLE MODS | --- | 1,181 | --- | 1,181 | --- | --- |
| MODIFICATIONS LESS THAN $5.0M (WOCV-WTCV) | --- | 3,763 | --- | 3,763 | --- | --- |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| ITEMS LESS THAN $5.0M (WOCV-WTCV) | --- | 2,187 | --- | 2,187 | --- | --- |
| PRODUCTION BASE SUPPORT (WOCV-WTCV) | --- | 6,545 | --- | 20,045 | --- | +13,500 |
| INDUSTRIAL PREPAREDNESS | --- | 3,104 | --- | 7,304 | --- | +4,200 |
| SMALL ARMS (SOLDIER ENH PROG) | --- | 1,250 | --- | 1,250 | --- | --- |
| TOTAL, WEAPONS AND OTHER COMBAT VEHICLES | | 722,479 | | 733,179 | | +10,700 |
| TOTAL, PROCUREMENT OF W&TCV, ARMY | | 3,687,077 | | 3,169,128 | | -517,949 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 2 | **BRADLEY BASE SUSTAINMENT** | **171,989** | **0** |
| | Funded in the FY 2008 Supplemental | | -171,989 |
| 3 | **BRADLEY TRAINING DEVICES (MOD)** | **4,386** | **10,986** |
| | AB-FIST Gunnery Trainers for the Tennessee Army National Guard | | 2,400 |
| | AB-FIST Gunnery Trainer Upgrades for the Tennessee Army National Guard | | 3,200 |
| | AB-FIST Gunnery Trainer Upgrades for the Idaho Army National | | 1,000 |
| 4 | **ABRAMS TANK TRAINING DEVICES** | **0** | **3,000** |
| | M1 Abrams Mobile Conduct of Fire Trainer Upgrades for the Tennessee Army National Guard | | 3,000 |
| 5 | **STRYKER VEHICLE** | **1,174,947** | **951,000** |
| | Authorization Adjustment - Funding in Excess of Need | | -35,000 |
| | Delay in Mobile Gun System | | -188,947 |
| 8 | **FCS SPIN OUTS** | **161,879** | **24,200** |
| | FCS Restructure: Procurement of Spin Out Hardware Delayed to Fiscal Year 2010 | | -137,679 |
| 9 | **FCS SPIN OUTS (AP-CY)** | **14,788** | **43,267** |
| | FCS Restructure: Increased Requirement | | 28,479 |
| 15 | **ARMORED BREACHER VEHICLE** | **34,713** | **0** |
| | Program Delay | | -34,713 |
| 21 | **ITEMS LESS THAN $5.0M (TCV-WTCV)** | **0** | **1,600** |
| | Transmission Dynamometer | | 1,600 |
| 23 | **HOWITZER, LIGHT, TOWED, 105MM, M119** | **118,431** | **112,931** |
| | Unjustified Cost Growth | | -5,500 |
| 35 | **FUTURE HANDGUN SYSTEM (FHS)** | **3,468** | **1,968** |
| | No Requirement | | -1,500 |
| 47 | **PRODUCTION BASE SUPPORT (WOCV-WTCV)** | **6,545** | **20,045** |
| | Arsenal Support Program Initiative, Rock Island | | 8,500 |
| | Arsenal Support Program Initiative, Watervliet | | 5,000 |
| 48 | **INDUSTRIAL PREPAREDNESS** | **3,104** | **7,304** |
| | Arsenal Support Program Initiative, Rock Island - Joint Manufacturing and Technology Center Equipment | | 4,200 |

PROCUREMENT OF AMMUNITION, ARMY

For Procurement of Ammunition, Army, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PROCUREMENT OF AMMUNITION, ARMY | | | | | | |
| AMMUNITION | | | | | | |
| SMALL/MEDIUM CAL AMMUNITION | | | | | | |
| CTG, 5.56MM, ALL TYPES | --- | 197,130 | --- | 197,130 | --- | --- |
| CTG, 7.62MM, ALL TYPES | --- | 59,181 | --- | 59,181 | --- | --- |
| CTG, 9MM, ALL TYPES | --- | 6,276 | --- | 6,276 | --- | --- |
| CTG, .50 CAL, ALL TYPES | --- | 183,813 | --- | 175,200 | --- | -8,613 |
| CTG, 25MM, ALL TYPES | --- | 14,742 | --- | 13,042 | --- | -1,700 |
| CTG, 30MM, ALL TYPES | --- | 79,066 | --- | 75,766 | --- | -3,300 |
| CTG, 40MM, ALL TYPES | --- | 293,322 | --- | 293,322 | --- | --- |
| MORTAR AMMUNITION | | | | | | |
| 60MM MORTAR, ALL TYPES | --- | 17,055 | --- | 22,655 | --- | +5,600 |
| 81MM MORTAR, ALL TYPES | --- | 58,521 | --- | 58,521 | --- | --- |
| CTG, MORTAR, 120MM, ALL TYPES | --- | 117,601 | --- | 120,401 | --- | +2,800 |
| TANK AMMUNITION | | | | | | |
| CTG TANK 105MM: ALL TYPES | --- | 15,829 | --- | 15,829 | --- | --- |
| 120MM TANK TRAINING, ALL TYPES | --- | 151,015 | --- | 151,015 | --- | --- |
| ARTILLERY AMMUNITION | | | | | | |
| CTG ARTY 75MM, ALL TYPES | --- | 2,741 | --- | 2,741 | --- | --- |
| CTG ARTY 105MM, ALL TYPES | --- | 42,153 | --- | 42,153 | --- | --- |
| CTG, ARTY, 155MM, ALL TYPES | --- | 85,030 | --- | 86,630 | --- | +1,600 |
| PROJ, 155MM EXTENDED RANGE XM982 | --- | 34,220 | --- | 34,220 | --- | --- |
| MODULAR ARTILLERY CHARGE SYSTEM (MACS) | --- | 43,338 | --- | 43,338 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| ARTILLERY FUZES | | | | | | |
| ARTILLERY FUZES, ALL TYPES | --- | 19,969 | --- | 19,969 | --- | --- |
| MINES | | | | | | |
| MINE, TRAINING, ALL TYPES | --- | 4,846 | --- | 4,846 | --- | --- |
| MINE, CLEARING CHARGE, ALL TYPES | --- | 2,606 | --- | 2,606 | --- | --- |
| ANTIPERSONNEL LANDMINE ALTERNATIVES | --- | 52,000 | --- | 52,000 | --- | --- |
| ROCKETS | | | | | | |
| SHOULDER FIRED ROCKETS, ALL TYPES | --- | 28,020 | --- | 28,020 | --- | --- |
| ROCKET, HYDRA 70, ALL TYPES | --- | 142,521 | --- | 142,521 | --- | --- |
| OTHER AMMUNITION | | | | | | |
| DEMOLITION MUNITIONS, ALL TYPES | --- | 28,886 | --- | 32,086 | --- | +3,200 |
| GRENADES, ALL TYPES | --- | 71,608 | --- | 77,208 | --- | +5,600 |
| SIGNALS, ALL TYPES | --- | 89,357 | --- | 89,357 | --- | --- |
| SIMULATORS, ALL TYPES | --- | 20,027 | --- | 20,027 | --- | --- |
| MISCELLANEOUS | | | | | | |
| AMMO COMPONENTS, ALL TYPES | --- | 15,228 | --- | 15,228 | --- | --- |
| NON-LETHAL AMMUNITION, ALL TYPES | --- | 21,193 | --- | 21,193 | --- | --- |
| CAD/PAD ALL TYPES | --- | 2,806 | --- | 2,806 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 6,996 | --- | 6,996 | --- | --- |
| AMMUNITION PECULIAR EQUIPMENT | --- | 10,598 | --- | 12,298 | --- | +1,700 |
| FIRST DESTINATION TRANSPORTATION (AMMO) | --- | 12,564 | --- | 12,564 | --- | --- |
| CLOSEOUT LIABILITIES | --- | 100 | --- | 100 | --- | --- |
| TOTAL, AMMUNITION | | 1,930,358 | | 1,937,245 | | +6,887 |
| AMMUNITION PRODUCTION BASE SUPPORT | | | | | | |
| PRODUCTION BASE SUPPORT | | | | | | |
| PROVISION OF INDUSTRIAL FACILITIES | --- | 187,388 | --- | 192,108 | --- | +4,720 |
| LAYAWAY OF INDUSTRIAL FACILITIES | --- | 5,085 | --- | 5,085 | --- | --- |
| MAINTENANCE OF INACTIVE FACILITIES | --- | 5,619 | --- | 5,619 | --- | --- |
| CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL | --- | 144,327 | --- | 144,327 | --- | --- |
| ARMS INITIATIVE | --- | 3,014 | --- | 3,014 | --- | --- |
| TOTAL, AMMUNITION PRODUCTION BASE SUPPORT | | 345,433 | | 350,153 | | +4,720 |
| TOTAL, PROCUREMENT OF AMMUNITION, ARMY | | 2,275,791 | | 2,287,398 | | +11,607 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 4 | **CTG, .50 CAL, ALL TYPES** | **183,813** | **175,200** |
| | Unjustified Cost Growth | | -8,613 |
| 6 | **CTG, 25MM, ALL TYPES** | **14,742** | **13,042** |
| | Unjustified Cost Growth | | -1,700 |
| 7 | **CTG, 30MM, ALL TYPES** | **79,066** | **75,766** |
| | Unjustified Cost Growth | | -3,300 |
| 9 | **60MM MORTAR, ALL TYPES** | **17,055** | **22,655** |
| | M769, Mortar, Full Range Practice Cartridge | | 4,000 |
| | 60mm Mortar, All Types | | 1,600 |
| 11 | **CTG, MORTAR, 120MM, ALL TYPES** | **117,601** | **120,401** |
| | Cartridge, 105mm High Explosive Plastic-Tracer, M393A3 HEP-T | | 1,200 |
| | CTG, Mortar, 120mm, All Types | | 1,600 |
| 16 | **CTG, ARTY, 155MM, ALL TYPES** | **85,030** | **86,630** |
| | CTG, Arty, 155mm, All Types | | 1,600 |
| 25 | **DEMOLITION MUNITIONS, ALL TYPES** | **28,886** | **32,086** |
| | Rapid Wall Breaching Kit (RWBK) | | 3,200 |
| 26 | **GRENADES, ALL TYPES** | **71,608** | **77,208** |
| | Grenade Incendiary Thermite AN-M14 | | 1,600 |
| | Grenades, All Types | | 4,000 |
| 38 | **AMMUNITION PECULIAR EQUIPMENT** | **10,598** | **12,298** |
| | Supercritical Water Oxidation, Bluegrass Army Depot | | 1,700 |
| 41 | **PROVISION OF INDUSTRIAL FACILITIES** | **187,388** | **192,108** |
| | Holston Army Ammunition Plant Critical Reliability Enhancement | | 1,600 |
| | Ammunition Production Base Support (Scranton AAP) - Electrical Substations Upgrade | | 1,920 |
| | Small Caliber Trace Charging Facilitization Program | | 1,200 |

OTHER PROCUREMENT, ARMY

For Other Procurement, Army, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER PROCUREMENT, ARMY | | | | | | |
| TACTICAL AND SUPPORT VEHICLES | | | | | | |
| TACTICAL VEHICLES | | | | | | |
| TACTICAL TRAILERS/DOLLY SETS | --- | 88,428 | --- | 94,428 | --- | +6,000 |
| SEMITRAILERS, FLATBED | --- | 62,345 | --- | 62,345 | --- | --- |
| SEMITRAILERS, TANKERS | --- | 47,476 | --- | 47,476 | --- | --- |
| HI MOB MULTI-PURP WHLD VEH (HMMWV) | --- | 946,734 | --- | 836,034 | --- | -110,700 |
| FAMILY OF MEDIUM TACTICAL VEH (FMTV) | --- | 944,687 | --- | 444,687 | --- | -500,000 |
| FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT | --- | 19,378 | --- | 20,578 | --- | +1,200 |
| FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) | --- | 923,348 | --- | 924,148 | --- | +800 |
| ARMORED SECURITY VEHICLES (ASV) | --- | 195,385 | --- | 181,685 | --- | -13,700 |
| MINE PROTECTION VEHICLE FAMILY | --- | 182,367 | --- | 186,367 | --- | +4,000 |
| TRUCK, TRACTOR, LINE HAUL, M915/M916 | --- | 14,870 | --- | 14,870 | --- | --- |
| HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV | --- | 213,341 | --- | 213,341 | --- | --- |
| MODIFICATION OF IN SVC EQUIP | --- | 32,219 | --- | 36,219 | --- | +4,000 |
| ITEMS LESS THAN $5.0M (TAC VEH) | --- | 511 | --- | 2,911 | --- | +2,400 |
| TOWING DEVICE-FIFTH WHEEL | --- | 218 | --- | 218 | --- | --- |
| NON-TACTICAL VEHICLES | | | | | | |
| HEAVY ARMORED SEDAN | --- | 595 | --- | 595 | --- | --- |
| PASSENGER CARRYING VEHICLES | --- | 280 | --- | 280 | --- | --- |
| NONTACTICAL VEHICLES, OTHER | --- | 3,380 | --- | 3,380 | --- | --- |
| TOTAL, TACTICAL AND SUPPORT VEHICLES | | 3,675,562 | | 3,069,562 | | -606,000 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| COMM - JOINT COMMUNICATIONS | | | | | | |
| JOINT COMBAT IDENTIFICATION MARKING SYSTEM | --- | 12,910 | --- | 12,910 | --- | --- |
| WIN-T - GROUND FORCES TACTICAL NETWORK | --- | 287,605 | --- | 256,105 | --- | -31,500 |
| JCSE EQUIPMENT (USREDCOM) | --- | 4,114 | --- | 4,114 | --- | --- |
| COMM - SATELLITE COMMUNICATIONS | | | | | | |
| DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS | --- | 88,286 | --- | 69,886 | --- | -18,400 |
| SHF TERM | --- | 298 | --- | 4,298 | --- | +4,000 |
| SAT TERM, EMUT (SPACE) | --- | 807 | --- | 807 | --- | --- |
| NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) | --- | 92,311 | --- | 95,111 | --- | +2,800 |
| SMART-T (SPACE) | --- | 85,286 | --- | 85,286 | --- | --- |
| SCAMP (SPACE) | --- | 993 | --- | 993 | --- | --- |
| GLOBAL BRDCST SVC - GBS | --- | 35,385 | --- | 35,385 | --- | --- |
| MOD OF IN-SVC EQUIP (TAC SAT) | --- | 6,075 | --- | 6,075 | --- | --- |
| COMM - C3 SYSTEM | | | | | | |
| ARMY GLOBAL CMD & CONTROL SYS (AGCCS) | --- | 33,513 | --- | 31,513 | --- | -2,000 |
| COMM - COMBAT COMMUNICATIONS | | | | | | |
| ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) | --- | 36,077 | --- | 36,077 | --- | --- |
| RADIO TERMINAL SET, MIDS LVT(2) | --- | 8,570 | --- | 8,570 | --- | --- |
| SINCGARS FAMILY | --- | 84,888 | --- | 87,288 | --- | +2,400 |
| AMC CRITICAL ITEMS - OPA2 | --- | 4,073 | --- | 4,073 | --- | --- |
| MULTI-PURPOSE INFORMATION OPERATIONS SYSTEMS | --- | 7,801 | --- | 7,801 | --- | --- |
| COMMS-ELEC EQUIP FIELDING | --- | 7,828 | --- | 14,152 | --- | +6,324 |
| SPIDER APLA REMOTE CONTROL UNIT | --- | 18,000 | --- | 18,000 | --- | --- |
| SOLDIER ENHANCEMENT PROGRAM COMM/ELECTRONICS | --- | 7,545 | --- | 7,545 | --- | --- |
| COMBAT SURVIVOR EVADER LOCATOR (CSEL) | --- | 16,155 | --- | 16,155 | --- | --- |
| RADIO, IMPROVED HF FAMILY | --- | 48,436 | --- | 48,436 | --- | --- |
| MEDICAL COMM FOR CBT CASUALTY CARE (MC4) | --- | 38,281 | --- | 38,281 | --- | --- |
| COMM - INTELLIGENCE COMM | | | | | | |
| CI AUTOMATION ARCHITECTURE | --- | 1,500 | --- | 1,500 | --- | --- |
| INFORMATION SECURITY | | | | | | |
| TSEC - ARMY KEY MGT SYS (AKMS) | --- | 34,774 | --- | 34,774 | --- | --- |
| INFORMATION SYSTEM SECURITY PROGRAM-ISSP | --- | 76,570 | --- | 77,770 | --- | +1,200 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| COMM - LONG HAUL COMMUNICATIONS TERRESTRIAL TRANSMISSION | --- | 9,167 | --- | 9,167 | --- | --- |
| BASE SUPPORT COMMUNICATIONS | --- | 35,120 | --- | 35,120 | --- | --- |
| WW TECH CON IMP PROG (WWTCIP) | --- | 28,736 | --- | 28,736 | --- | --- |
| COMM - BASE COMMUNICATIONS INFORMATION SYSTEMS | --- | 278,999 | --- | 273,999 | --- | -5,000 |
| DEFENSE MESSAGE SYSTEM (DMS) | --- | 6,726 | --- | 6,726 | --- | --- |
| INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM | --- | 231,336 | --- | 233,336 | --- | +2,000 |
| PENTAGON INFORMATION MGT AND TELECOM | --- | 33,317 | --- | 33,317 | --- | --- |
| ELECT EQUIP - NAT INT PROG (NIP) | | | | | | |
| ELECT EQUIP - NAT INTEL PROG (NIP) ALL SOURCE ANALYSIS SYS (ASAS) (MIP) | --- | 58,333 | --- | 58,333 | --- | --- |
| JTT/CIBS-M (MIP) | --- | 11,377 | --- | 11,377 | --- | --- |
| PROPHET GROUND (MIP) | --- | 114,085 | --- | 114,085 | --- | --- |
| TACTICAL UNMANNED AERIAL SYS (TUAS) MIP | --- | 316,598 | --- | 237,898 | --- | -78,700 |
| SMALL UNMANNED AERIAL SYSTEM (SUAS) | --- | 30,023 | --- | 30,023 | --- | --- |
| DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (MIP) | --- | 26,802 | --- | 26,802 | --- | --- |
| DCGS-A (MIP) | --- | 177,973 | --- | 177,973 | --- | --- |
| TROJAN (MIP) | --- | 10,409 | --- | 10,409 | --- | --- |
| MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) | --- | 2,423 | --- | 2,423 | --- | --- |
| CI HUMINT INFO MANAGEMENT SYSTEM (CHIMS) | --- | 37,632 | --- | 37,632 | --- | --- |
| SEQUOYAH FOREIGN LANGUAGE TRANSLATION SYSTEM | --- | 6,358 | --- | 6,358 | --- | --- |
| ITEMS LESS THAN $5.0M (MIP) | --- | 27,731 | --- | 30,731 | --- | +3,000 |
| ELECT EQUIP - ELECTRONIC WARFARE (EW) LIGHTWEIGHT COUNTER MORTAR RADAR | --- | 46,397 | --- | 46,397 | --- | --- |
| COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES | --- | 993 | --- | 993 | --- | --- |
| CI MODERNIZATION (MIP) | --- | 1,297 | --- | 1,297 | --- | --- |
| ELECT EQUIP - TACTICAL SURV. (TAC SURV) SENTINEL MODS | --- | 33,142 | --- | 33,142 | --- | --- |
| NIGHT VISION DEVICES | --- | 465,592 | --- | 469,192 | --- | +3,600 |
| LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM | --- | 210,766 | --- | 204,766 | --- | -6,000 |
| NIGHT VISION, THERMAL WPN SIGHT | --- | 416,866 | --- | 416,866 | --- | --- |
| RADIATION MONITORING SYSTEMS | --- | 3,440 | --- | 1,890 | --- | -1,550 |
| ARTILLERY ACCURACY EQUIP | --- | 447 | --- | 447 | --- | --- |
| MOD OF IN-SVC EQUIPMENT | --- | --- | --- | 800 | --- | +800 |
| ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE | --- | 2,579 | --- | 2,579 | --- | --- |
| PROFILER | --- | 12,517 | --- | 9,017 | --- | -3,500 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| MOD OF IN-SVC EQUIP (FIREFINDER RADARS) | --- | 16,342 | --- | 16,342 | --- | --- |
| FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) | --- | 231,651 | --- | 243,651 | --- | +12,000 |
| LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLD | --- | 150,094 | --- | 135,094 | --- | -15,000 |
| COMPUTER BALLISTICS: LHMBC XM32 | --- | 2,269 | --- | 2,269 | --- | --- |
| MORTAR FIRE CONTROL SYSTEM | --- | 21,037 | --- | 21,037 | --- | --- |
| COUNTERFIRE RADARS | --- | 107,061 | --- | 107,061 | --- | --- |
| ENHANCED SENSOR & MONITORING SYSTEM | --- | 1,987 | --- | 1,987 | --- | --- |
| ELECT EQUIP - TACTICAL C2 SYSTEMS<br>TACTICAL OPERATIONS CENTERS | --- | 196,245 | --- | 147,245 | --- | -49,000 |
| FIRE SUPPORT C2 FAMILY | --- | 53,908 | --- | 57,908 | --- | +4,000 |
| BATTLE COMMAND SUSTAINMENT SUPPORT SYSTEM | --- | 36,829 | --- | 36,829 | --- | --- |
| FAAD C2 | --- | 7,489 | --- | 7,489 | --- | --- |
| AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD | --- | 57,674 | --- | 53,709 | --- | -3,965 |
| KNIGHT FAMILY | --- | 100,709 | --- | 100,709 | --- | --- |
| LIFE CYCLE SOFTWARE SUPPORT (LCSS) | --- | 2,101 | --- | 4,501 | --- | +2,400 |
| AUTOMATIC IDENTIFICATION TECHNOLOGY | --- | 83,530 | --- | 85,530 | --- | +2,000 |
| TC AIMS II | --- | 31,879 | --- | 31,879 | --- | --- |
| JOINT NETWORK MANAGEMENT SYSTEM (JNMS) | --- | 11,059 | --- | 11,059 | --- | --- |
| TACTICAL INTERNET MANAGER | --- | 4,809 | --- | 4,809 | --- | --- |
| DATA PRODUCTS | --- | 30,077 | --- | 30,077 | --- | --- |
| MANEUVER CONTROL SYSTEM (MCS) | --- | 123,009 | --- | 123,009 | --- | --- |
| SINGLE ARMY LOGISTICS ENTERPRISE (SALE) | --- | 67,960 | --- | 65,460 | --- | -2,500 |
| MOUNTED BATTLE COMMAND ON THE MOVE (MBCOTM) | --- | 25,869 | --- | 25,869 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| ELECT EQUIP - AUTOMATION | | | | | | |
| GENERAL FUND ENTERPRISE BUSINESS SYSTEM | --- | 30,137 | --- | 30,137 | --- | --- |
| ARMY TRAINING MODERNIZATION | --- | 13,481 | --- | 13,481 | --- | --- |
| AUTOMATED DATA PROCESSING EQUIP | --- | 105,343 | --- | 108,143 | --- | +2,800 |
| CSS COMMUNICATIONS | --- | 36,744 | --- | 36,744 | --- | --- |
| RESERVE COMPONENT AUTOMATION SYS (RCAS) | --- | 42,462 | --- | 42,462 | --- | --- |
| ELECT EQUIP - AUDIO VISUAL SYS (A/V) | | | | | | |
| ITEMS LESS THAN $5.0M (A/V) | --- | 6,677 | --- | 6,677 | --- | --- |
| ITEMS LESS THAN $5M (SURVEYING EQUIPMENT) | --- | 12,613 | --- | 12,613 | --- | --- |
| WEAPONIZATION OF UNMANNED AERIAL SYSTEM (UAS) | --- | 15,124 | --- | 15,124 | --- | --- |
| ELECT EQUIP - SUPPORT | | | | | | |
| ITEMS UNDER $5M (SSE) | --- | 6,517 | --- | 8,117 | --- | +1,600 |
| PRODUCTION BASE SUPPORT (C-E) | --- | 514 | --- | 514 | --- | --- |
| TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | 5,308,462 | | 5,142,271 | | -166,191 |
| OTHER SUPPORT EQUIPMENT | | | | | | |
| CHEMICAL DEFENSIVE EQUIPMENT | | | | | | |
| PROTECTIVE SYSTEMS | --- | 1,085 | --- | 3,485 | --- | +2,400 |
| CBRN SOLDIER PROTECTION | --- | 58,426 | --- | 58,426 | --- | --- |
| SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM) | --- | 16,814 | --- | 16,814 | --- | --- |
| BRIDGING EQUIPMENT | | | | | | |
| TACTICAL BRIDGING | --- | 93,930 | --- | 93,930 | --- | --- |
| TACTICAL BRIDGE, FLOAT-RIBBON | --- | 147,270 | --- | 135,040 | --- | -12,230 |
| ENGINEER (NON-CONSTRUCTION) EQUIPMENT | | | | | | |
| HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST | --- | 46,007 | --- | 46,007 | --- | --- |
| GRND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS | --- | 46,783 | --- | 46,783 | --- | --- |
| EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT) | --- | 58,437 | --- | 64,237 | --- | +5,800 |
| ITEMS LESS THAN $5M, COUNTERMINE EQUIPMENT | --- | 3,192 | --- | 3,192 | --- | --- |
| AERIAL DETECTION | --- | 12,773 | --- | 12,773 | --- | --- |
| COMBAT SERVICE SUPPORT EQUIPMENT | | | | | | |
| HEATERS AND ECU'S | --- | 12,996 | --- | 12,996 | --- | --- |
| LAUNDRIES, SHOWERS AND LATRINES | --- | 7,002 | --- | 7,002 | --- | --- |
| SOLDIER ENHANCEMENT | --- | 9,898 | --- | 9,898 | --- | --- |
| LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME) | --- | --- | --- | 4,320 | --- | +4,320 |
| FIELD FEEDING EQUIPMENT | --- | 70,847 | --- | 73,247 | --- | +2,400 |
| CARGO AERIAL DELIVERY PROGRAM | --- | 63,420 | --- | 63,420 | --- | --- |
| MOBILE INTEGRATED REMAINS COLLECTION SYSTEM | --- | 17,803 | --- | 17,803 | --- | --- |
| ITEMS LESS THAN $5.0M (ENG SPT EQ) | --- | 32,602 | --- | 32,602 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PETROLEUM EQUIPMENT | | | | | | |
| QUALITY SURVEILLANCE EQUIPMENT | --- | 1,285 | --- | --- | --- | -1,285 |
| DISTRIBUTION SYSTEMS, PETROLEUM & WATER | --- | 61,545 | --- | 61,545 | --- | --- |
| WATER EQUIPMENT | | | | | | |
| WATER PURIFICATION SYSTEMS | --- | 51,164 | --- | 51,164 | --- | --- |
| MEDICAL EQUIPMENT | | | | | | |
| COMBAT SUPPORT MEDICAL | --- | 62,336 | --- | 70,336 | --- | +8,000 |
| MAINTENANCE EQUIPMENT | | | | | | |
| MOBILE MAINTENANCE EQUIPMENT SYSTEMS | --- | 57,994 | --- | 57,994 | --- | --- |
| ITEMS LESS THAN $5.0M (MAINT EQ) | --- | 1,329 | --- | 1,329 | --- | --- |
| CONSTRUCTION EQUIPMENT | | | | | | |
| GRADER, ROAD MTZD, HVY, 6X4 (CCE) | --- | 37,698 | --- | 37,698 | --- | --- |
| SKID LOADER (SSL) FAMILY OF SYSTEM | --- | 19,943 | --- | 19,943 | --- | --- |
| DISTR, WATER, SP MIN 2500G SEC/NON-SEC | --- | 6,555 | --- | 6,555 | --- | --- |
| MISSION MODULES - ENGINEERING | --- | 31,525 | --- | 31,525 | --- | --- |
| LOADERS | --- | 27,988 | --- | 27,988 | --- | --- |
| HYDRAULIC EXCAVATOR | --- | 9,565 | --- | 9,565 | --- | --- |
| TRACTOR, FULL TRACKED | --- | 33,727 | --- | 33,727 | --- | --- |
| PLANT, ASPHALT MIXING | --- | 7,906 | --- | 7,906 | --- | --- |
| HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) | --- | 54,508 | --- | 54,508 | --- | --- |
| CONST EQUIP ESP | --- | 44,703 | --- | 44,703 | --- | --- |
| ITEMS LESS THAN $5.0M (CONST EQUIP) | --- | 17,030 | --- | 17,030 | --- | --- |
| RAIL FLOAT CONTAINERIZATION EQUIPMENT | | | | | | |
| JOINT HIGH SPEED VEHICLE (JHSV) | 1 | 168,846 | 1 | 168,846 | --- | --- |
| HARBORMASTER COMMAND & CONTROL CENTER (HCCC) | --- | 17,615 | --- | 17,615 | --- | --- |
| ITEMS LESS THAN $5.0M (FLOAT/RAIL) | --- | 7,803 | --- | 7,803 | --- | --- |
| GENERATORS | | | | | | |
| GENERATORS AND ASSOCIATED EQUIP | --- | 217,749 | --- | 218,453 | --- | +704 |
| MATERIAL HANDLING EQUIPMENT | | | | | | |
| ROUGH TERRAIN CONTAINER HANDLER (RTCH) | --- | 45,000 | --- | 45,000 | --- | --- |
| ALL TERRAIN LIFTING ARMY SYSTEM | --- | 48,981 | --- | 48,981 | --- | --- |
| TRAINING EQUIPMENT | | | | | | |
| COMBAT TRAINING CENTERS (CTC) SUPPORT | --- | 16,508 | --- | 16,508 | --- | --- |
| TRAINING DEVICES, NONSYSTEM | --- | 218,614 | --- | 285,584 | --- | +66,970 |
| CLOSE COMBAT TACTICAL TRAINER | --- | 60,676 | --- | 63,076 | --- | +2,400 |
| AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA | --- | 23,106 | --- | 23,106 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| TEST MEASURE AND DIG EQUIPMENT (TMD) | | | | | | |
| CALIBRATION SETS EQUIPMENT | --- | 9,689 | --- | 9,689 | --- | --- |
| INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) | --- | 46,296 | --- | 46,296 | --- | --- |
| TEST EQUIPMENT MODERNIZATION (TEMOD) | --- | 22,377 | --- | 22,377 | --- | --- |
| OTHER SUPPORT EQUIPMENT | | | | | | |
| RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT | --- | 20,190 | --- | 22,590 | --- | +2,400 |
| PHYSICAL SECURITY SYSTEMS (OPA3) | --- | 104,774 | --- | 106,374 | --- | +1,600 |
| BASE LEVEL COM'L EQUIPMENT | --- | 4,123 | --- | 4,123 | --- | --- |
| MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) | --- | 45,741 | --- | 45,741 | --- | --- |
| PRODUCTION BASE SUPPORT (OTH) | --- | 3,107 | --- | 3,107 | --- | --- |
| SPECIAL EQUIPMENT FOR USER TESTING | --- | 24,201 | --- | 29,001 | --- | +4,800 |
| AMC CRITICAL ITEMS OPA3 | --- | 10,826 | --- | 10,826 | --- | --- |
| MA8975 | --- | 2,624 | --- | 2,624 | --- | --- |
| TOTAL, OTHER SUPPORT EQUIPMENT | | 2,344,932 | | 2,433,211 | | +88,279 |
| SPARE AND REPAIR PARTS | | | | | | |
| INITIAL SPARES - C&E | --- | 36,334 | --- | 36,334 | --- | --- |
| TOTAL, SPARE AND REPAIR PARTS | | 36,334 | | 36,334 | | --- |
| CLASSIFIED PROGRAMS | --- | 2,636 | --- | 2,636 | --- | --- |
| TOTAL, OTHER PROCUREMENT, ARMY | | 11,367,926 | | 10,684,014 | | -683,912 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **TACTICAL TRAILERS/DOLLY SETS** | **88,428** | **94,428** |
| | Specialized Reconnaissance Assault Transport System (SRATS) | | 6,000 |
| 4 | **HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLES** | **946,734** | **836,034** |
| | ECV Variants, Funded Ahead of Need | | -113,200 |
| | Fire Suppression Panels | | 2,500 |
| 5 | **FAMILY OF MEDIUM TACTICAL VEH (FMTV)** | **944,687** | **444,687** |
| | Funded in the Fiscal Year 2008 Supplemental/Production backlog | | -500,000 |
| 6 | **FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT** | **19,378** | **20,578** |
| | Camp Ripley Minnesota Training Center Aircraft Rescue Fighter (AARF) Vehicles | | 1,200 |
| 7 | **FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)** | **923,348** | **924,148** |
| | Ground Guidance for Army Movement Tracking System | | 800 |
| 8 | **ARMORED SECURITY VEHICLES (ASV)** | **195,385** | **181,685** |
| | Unjustified Cost Growth | | -13,700 |
| 9 | **MINE PROTECTION VEHICLE FAMILY** | **182,367** | **186,367** |
| | Detonation Suppression System | | 4,000 |
| 13 | **MODIFICATION OF IN SVC EQUIP** | **32,219** | **36,219** |
| | HMMWV Restraint System Upgrades | | 3,200 |
| 14 | **ITEMS LESS THAN $5.0M (TAC VEH)** | **511** | **2,911** |
| | All Terrain Ultra Tactical Vehicles | | 2,400 |
| 21 | **WIN-T - GROUND FORCES TACTICAL NETWORK** | **287,605** | **256,105** |
| | Authorization Adjustment - Funding Ahead of Need | | -43,500 |
| | AN/UXC-10 Digital Facsimile | | 12,000 |
| 24 | **DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS** | **88,286** | **69,886** |
| | Upgrade Program Funded Ahead of Need | | -18,400 |
| 25 | **SHF TERMINAL** | **298** | **4,298** |
| | AN/TSC-156 Phoenix TSST Mobile Satellite Communication Terminals for Delaware Army National Guard | | 4,000 |
| 27 | **NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE)** | **92,311** | **95,111** |
| | Defense Advanced GPS Receiver (DAGR) | | 2,000 |
| | Embedded GPS Receivers for the North Carolina Army National Guard | | 800 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 32 | **ARMY GLOBAL CMD & CONTROL SYS (AGCCS)** | **33,513** | **31,513** |
| | Authorization Adjustment | | -2,000 |
| 35 | **SINCGARS FAMILY** | **84,888** | **87,288** |
| | Radio Personality Modules for SINCGARS Test Sets | | 2,400 |
| 39 | **COMMS-ELEC EQUIP FIELDING** | **7,828** | **14,152** |
| | SHERPA Interoperable Deployable Communications System | | 2,000 |
| | Minnesota Satellite Multi-Modal Collaborative Crisis and Training Network | | 2,224 |
| | Minnesota Helicopter Civil Band Radio Communication System | | 1,300 |
| | Aircraft Landing System | | 800 |
| 47 | **INFORMATION SYSTEM SECURITY PROGRAM-ISSP** | **76,570** | **77,770** |
| | Critical Army Systems Cyber Attack Technology (CASCAT) | | 1,200 |
| 52 | **INFORMATION SYSTEMS** | **278,999** | **273,999** |
| | Unjustified Program Growth | | -5,000 |
| 54 | **INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM** | **231,336** | **233,336** |
| | Information Technology Upgrades at the Detroit Arsenal | | 2,000 |
| 61 | **TACTICAL UNMANNED AERIAL SYS (TUAS) MIP** | **316,598** | **237,898** |
| | Program Production Decision Delay | | -36,000 |
| | Warrior Block 0 Sensor Upgrade | | 1,600 |
| | Army Requested Transfer to RDTE,A, line 175 | | -49,300 |
| | MQ-5B Hunter UAV | | 5,000 |
| 71 | **ITEMS LESS THAN $5.0M (MIP)** | **27,731** | **30,731** |
| | Wideband Imagery Dissemination System for the ARNG | | 3,000 |
| 77 | **NIGHT VISION DEVICES** | **465,592** | **469,192** |
| | Handheld High-Intensity Illumination System | | 2,400 |
| | AN/PSQ-23 Small Tactical Optical Rifle Mounted Micro-Laser Range Finder | | 1,200 |
| 78 | **LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM** | **210,766** | **204,766** |
| | Unjustified Cost Growth | | -6,000 |
| 80 | **RADIATION MONITORING SYSTEMS** | **3,440** | **1,890** |
| | Funded in FY 2008 Supplemental | | -1,550 |
| 83 | **MOD OF IN-SVC EQUIPMENT** | **0** | **800** |
| | Retrofit 30th HBCT Radios with Embedded SAAMS Card | | 800 |
| 85 | **PROFILER** | **12,517** | **9,017** |
| | Authorization Adjustment | | -3,500 |
| 87 | **FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2)** | **231,651** | **243,651** |
| | Blue Force Tracker | | 12,000 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 88 | **LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLD** | **150,094** | **135,094** |
| | Funded in FY 2008 Supplemental | | -15,000 |
| 94 | **TACTICAL OPERATIONS CENTERS** | **196,245** | **147,245** |
| | Authorization Adjustment | | -49,000 |
| 95 | **FIRE SUPPORT C2 FAMILY** | **53,908** | **57,908** |
| | Army Field Artillery Tactical Data Systems Software for the Kentucky Army National Guard | | 2,400 |
| | Advanced Field Artillery Tactical Data Systems (AFATDS) | | 1,600 |
| 98 | **AIR & MSL DEFENSE PLANNING & CONTROL SYSTEM (AMD)** | **57,674** | **53,709** |
| | Unjustified Cost Growth | | -3,965 |
| 100 | **LIFE CYCLE SOFTWARE SUPPORT (LCSS)** | **2,101** | **4,501** |
| | Maritime Domain Awareness Sensors and Software | | 2,400 |
| 101 | **AUTOMATIC IDENTIFICATION TECHNOLOGY** | **83,530** | **85,530** |
| | Army Aviation - Automatic Identification Technology Life Cycle Asset | | 2,000 |
| 107 | **SINGLE ARMY LOGISTICS ENTERPRISE (SALE)** | **67,960** | **65,460** |
| | Authorization Adjustment | | -2,500 |
| 111 | **AUTOMATED DATA PROCESSING EQUIP** | **105,343** | **108,143** |
| | Joint Incident Scene Communication Capability | | 2,000 |
| | Interoperable Radios for Texas ARNG Disaster Response | | 800 |
| 118 | **ITEMS UNDER $5M (SSE)** | **6,517** | **8,117** |
| | Selective Availability Anti-Spoofing Module (SAASM) Precise Positioning Service (PPS) GPS | | 1,600 |
| 120 | **PROTECTIVE SYSTEMS** | **1,085** | **3,485** |
| | Battlefield Anti-Intrusion System (BAIS) | | 2,400 |
| 125 | **TACTICAL BRIDGE, FLOAT-RIBBON** | **147,270** | **135,040** |
| | Unjustified Cost Growth in Common Bridge Transporter | | -12,230 |
| 128 | **EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT)** | **58,437** | **64,237** |
| | FIDO Explosives Detector | | 3,000 |
| | Remote Activation Munitions System (MI-RAMS) | | 2,800 |
| 134 | **LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME)** | **0** | **4,320** |
| | Lightweight Maintenance Enclosure (LME) | | 4,320 |
| 137 | **FIELD FEEDING EQUIPMENT** | **70,847** | **73,247** |
| | Multi-Temperature Refrigerated Container System | | 2,400 |
| 142 | **QUALITY SURVEILLANCE EQUIPMENT** | **1,285** | **0** |
| | Funded in FY 2008 Supplemental | | -1,285 |

| P-1 | Budget Request | Recommendation |
|---|---|---|
| **145 COMBAT SUPPORT MEDICAL** | **62,336** | **70,336** |
| Future Combat Support Hospital | | 3,200 |
| Life Support for Trauma and Transport (LSTAT) | | 2,400 |
| Future Medical Shelter System (FMSS) | | 2,400 |
| **165 GENERATORS AND ASSOCIATED EQUIP** | **217,749** | **218,453** |
| Minnesota Army National Guard Armory Emergency Response Generators | | 704 |
| **169 TRAINING DEVICES, NONSYSTEM** | **218,614** | **285,584** |
| Call For Fire Trainer II (CFFT II) / Joint Fires and Effects Trainer System | | 4,500 |
| Call For Fire Trainer (CFFT) for the Army National Guard | | 3,200 |
| Mobile Virtual Training Capability (MVTC) | | 2,500 |
| Laser Marksmanship Training System (LMTS) | | 3,200 |
| Combat Skills Marksmanship Trainer for the Army National Guard | | 4,000 |
| Muscatatuck Urban Training Center (MUTC) Instrumentation | | 2,400 |
| Combat Skills Simulation Systems, Ohio Army National Guard | | 3,720 |
| Flextrain Exportable Combat Training Capability (XCTC) | | 800 |
| 1/25th SIB Range (ATREP) | | 7,000 |
| Combat Arms Training Systems (FATS upgrade) | | 1,600 |
| Combined Arms Virtual Trainer for the Tennessee Army National Guard | | 4,000 |
| Deployable, Mobile Digital Target System for Armor and Infantry, Tennessee Army National Guard | | 450 |
| Engagement Skill Trainer 2000 for the Tennessee Army National Guard | | 800 |
| I-HITS for Montana Joint Training | | 3,000 |
| Immersive Group simulation Virtual Training Systems for the Hawaii Army National Guard | | 1,200 |
| National Guard | | 1,400 |
| Laser Collective Combat Advanced Training Systems | | 3,200 |
| Training Range Enhancements | | 16,000 |
| Virtual Interactive Combat Environment for the New Jersey Army National Guard | | 4,000 |
| **170 CLOSE COMBAT TACTICAL TRAINER** | **60,676** | **63,076** |
| Texas Army National Guard Future Soldier Trainer Program | | 2,400 |
| **175 RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT** | **20,190** | **22,590** |
| New Combat Helmet | | 2,400 |
| **176 PHYSICAL SECURITY SYSTEMS (OPA3)** | **104,774** | **106,374** |
| Ballistic Protection for Remote Forward Operating Bases | | 1,600 |
| **181 SPECIAL EQUIPMENT FOR USER TESTING** | **24,201** | **29,001** |
| Operational Test-Tactical Engagement System Communications Upgrade | | 4,800 |

HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLES (HMMWV)

There is concern with the threat of Soldiers and Marines becoming trapped in overturned HMMWVs. The Army and Marine Corps are encouraged to outfit deployed HMMWVs with a means of rapid emergency egress in the event that the vehicle's doors are inoperable.

LIMITATION ON SINGLE CHANNEL GROUND AND AIRBORNE RADIO SYSTEM (SINCGARS) PROCUREMENT

The bill includes $87,288,000 for the procurement of SINCGARS radios. However, concerns remain about the ability of the Army to adequately manage contracts to fulfill increased operational requirements for SINCGARS radios. In particular, recent acquisition decisions and justifications by the Department of the Army raise questions about its procurement strategies, especially as they relate to the Joint Tactical Radio System (JTRS). Therefore, none of the funds in this Act shall be used for procurement of SINCGARS radios until the Secretary of Defense certifies to the congressional defense committees that any such procurement of SINCGARS radios will utilize full and open competition that will provide best value for Army radio requirements including consideration of multi-band, JTRS capable solutions.

SNIPER DEFEAT

There is concern over the Army's slowly evolving approach to providing materiel solutions to the field for Sniper Defeat. To date, the Army has not requested funds for Sniper Defeat in spite of the fact that this issue has been a major concern since the spring of 2006. In February 2007, the Vice Chief of Staff, Army directed that a soldier borne and vehicle/fixed site system be designated as programs of record. As of June 2008, the Army had neither designated a program of record for either the soldier or fixed site program nor had the Army programmed or budgeted any funds for either of these efforts. A notional program schedule for the soldier borne system revealed that initial procurement would not occur until the end of fiscal year 2010 at the earliest. This is an incorrect acquisition approach for what are essentially off the shelf, go to war systems. The Army is expected to budget sufficient funds to ensure all deploying units are equipped with both soldier borne as well as vehicle/fixed site capabilities during pre-deployment training as well as during their deployment.

AIRCRAFT PROCUREMENT, NAVY

For Aircraft Procurement, Navy, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| AIRCRAFT PROCUREMENT, NAVY | | | | | | |
| COMBAT AIRCRAFT | | | | | | |
| AV-8B (V/STOL)HARRIER (MYP) | --- | 3,401 | --- | 3,401 | --- | --- |
| EA-18G | 22 | 1,604,800 | 22 | 1,551,800 | --- | -53,000 |
| EA-18G (AP-CY) | --- | 46,831 | --- | 46,831 | --- | --- |
| F/A-18E/F (FIGHTER) HORNET (MYP) | 23 | 1,868,688 | 23 | 1,819,688 | --- | -49,000 |
| F/A-18E/F (FIGHTER) HORNET (MYP) (AP-CY) | --- | 42,616 | --- | 42,616 | --- | --- |
| JOINT STRIKE FIGHTER | 8 | 1,602,084 | 7 | 1,439,284 | -1 | -162,800 |
| JOINT STRIKE FIGHTER ADVANCE PROCUREMENT (CY) | --- | 258,814 | --- | 215,684 | --- | -43,130 |
| V-22 (MEDIUM LIFT) | 30 | 2,133,401 | 30 | 2,133,401 | --- | --- |
| V-22 (MEDIUM LIFT) (AP-CY) | --- | 87,000 | --- | 87,000 | --- | --- |
| UH-1Y/AH-1Z | 20 | 474,141 | 18 | 433,341 | -2 | -40,800 |
| MH-60S (MYP) | 18 | 470,455 | 18 | 470,455 | --- | --- |
| MH-60S (MYP) (AP-CY) | --- | 79,215 | --- | 79,215 | --- | --- |
| MH-60R | 31 | 1,045,004 | 31 | 1,053,004 | --- | +8,000 |
| MH-60R (AP-CY) | --- | 140,759 | --- | 140,759 | --- | --- |
| P-8 MMA ADVANCE PROCUREMENT | --- | 110,568 | --- | 110,568 | --- | --- |
| E-2C (EARLY WARNING) HAWKEYE (MYP) | 3 | 496,374 | 3 | 330,874 | --- | -165,500 |
| E-2C (EARLY WARNING) HAWKEYE (MYP) (AP-CY) | --- | 92,749 | --- | 54,823 | --- | -37,926 |
| TOTAL, COMBAT AIRCRAFT | | 10,556,900 | | 10,012,744 | | -544,156 |
| AIRLIFT AIRCRAFT | | | | | | |
| C-40A | 2 | 154,994 | 2 | 154,994 | --- | --- |
| TOTAL, AIRLIFT AIRCRAFT | | 154,994 | | 154,994 | | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| TRAINER AIRCRAFT | | | | | | |
| JPATS | 44 | 289,253 | 44 | 287,953 | --- | -1,300 |
| TOTAL, TRAINER AIRCRAFT | | 289,253 | | 287,953 | | -1,300 |
| OTHER AIRCRAFT | | | | | | |
| KC-130J | 2 | 119,545 | 2 | 119,545 | --- | --- |
| KC-130J (AP-CY) | --- | 33,932 | --- | 33,932 | --- | --- |
| VTUAV | 3 | 55,337 | 3 | 50,337 | --- | -5,000 |
| TOTAL, OTHER AIRCRAFT | | 208,814 | | 203,814 | | -5,000 |
| MODIFICATION OF AIRCRAFT | | | | | | |
| EA-6 SERIES | --- | 33,436 | --- | 33,436 | --- | --- |
| AV-8 SERIES | --- | 51,093 | --- | 43,193 | --- | -7,900 |
| F-18 SERIES | --- | 450,909 | --- | 449,209 | --- | -1,700 |
| H-46 SERIES | --- | 34,636 | --- | 34,636 | --- | --- |
| AH-1W SERIES | --- | 6,375 | --- | 6,375 | --- | --- |
| H-53 SERIES | --- | 56,381 | --- | 74,781 | --- | +18,400 |
| SH-60 SERIES | --- | 72,493 | --- | 72,493 | --- | --- |
| H-1 SERIES | --- | 8,901 | --- | 8,901 | --- | --- |
| EP-3 SERIES | --- | 72,370 | --- | 64,670 | --- | -7,700 |
| P-3 SERIES | --- | 297,896 | --- | 290,896 | --- | -7,000 |
| E-2 SERIES | --- | 11,489 | --- | 27,489 | --- | +16,000 |
| TRAINER A/C SERIES | --- | 26,160 | --- | 22,160 | --- | -4,000 |
| C-2A | --- | 22,120 | --- | 22,120 | --- | --- |
| C-130 SERIES | --- | 6,468 | --- | 6,468 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| FEWSG | --- | 671 | --- | 671 | --- | --- |
| CARGO/TRANSPORT A/C SERIES | --- | 17,952 | --- | 16,252 | --- | -1,700 |
| E-6 SERIES | --- | 88,894 | --- | 88,894 | --- | --- |
| EXECUTIVE HELICOPTERS SERIES | --- | 31,819 | --- | 51,819 | --- | +20,000 |
| SPECIAL PROJECT AIRCRAFT | --- | 14,113 | --- | 18,113 | --- | +4,000 |
| T-45 SERIES | --- | 67,666 | --- | 65,666 | --- | -2,000 |
| POWER PLANT CHANGES | --- | 28,219 | --- | 26,219 | --- | -2,000 |
| JPATS SERIES | --- | 8,892 | --- | 8,892 | --- | --- |
| AVIATION LIFE SUPPORT MODS | --- | 7,190 | --- | 1,990 | --- | -5,200 |
| COMMON ECM EQUIPMENT | --- | 66,425 | --- | 74,825 | --- | +8,400 |
| COMMON AVIONICS CHANGES | --- | 148,940 | --- | 148,940 | --- | --- |
| COMMON DEFENSIVE WEAPON SYSTEM | --- | 10,786 | --- | 7,286 | --- | -3,500 |
| ID SYSTEMS | --- | 12,032 | --- | 12,032 | --- | --- |
| V-22 (TILT/ROTOR ACFT) OSPREY | --- | 41,473 | --- | 41,473 | --- | --- |
| TOTAL, MODIFICATION OF AIRCRAFT | | 1,695,799 | | 1,719,899 | | +24,100 |
| AIRCRAFT SPARES AND REPAIR PARTS | | | | | | |
| SPARES AND REPAIR PARTS | --- | 1,229,135 | --- | 1,175,635 | --- | -53,500 |
| AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| COMMON GROUND EQUIPMENT | --- | 442,390 | --- | 446,790 | --- | +4,400 |
| AIRCRAFT INDUSTRIAL FACILITIES | --- | 11,068 | --- | 11,068 | --- | --- |
| WAR CONSUMABLES | --- | 62,256 | --- | 62,256 | --- | --- |
| OTHER PRODUCTION CHARGES | --- | 27,870 | --- | 27,870 | --- | --- |
| SPECIAL SUPPORT EQUIPMENT | --- | 36,539 | --- | 36,539 | --- | --- |
| FIRST DESTINATION TRANSPORTATION | --- | 1,756 | --- | 1,756 | --- | --- |
| TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES | | 581,879 | | 586,279 | | +4,400 |
| TOTAL, AIRCRAFT PROCUREMENT, NAVY | | 14,716,774 | | 14,141,318 | | -575,456 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**(in thousands of dollars)**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 2 | **EA-18G** | **1,604,800** | **1,551,800** |
| | Increased Foreign Military Sales | | -53,000 |
| 4 | **F/A-18E/F (FIGHTER) HORNET (MYP)** | **1,868,688** | **1,819,688** |
| | Increased Foreign Military Sales | | -49,000 |
| 6 | **JOINT STRIKE FIGHTER** | **1,602,084** | **1,439,284** |
| | Procurement Ramp - Defer One Aircraft | | -162,800 |
| 7 | **JOINT STRIKE FIGHTER ADVANCE PROCUREMENT (CY)** | **258,814** | **215,684** |
| | Fact-of-life Schedule Change | | -43,130 |
| 10 | **UH-1Y/AH-1Z** | **474,141** | **433,341** |
| | Defer 2 UH-1Y | | -40,800 |
| 13 | **MH-60R** | **1,045,004** | **1,053,004** |
| | ASW Enhancements | | 8,000 |
| 16 | **E-2C (EARLY WARNING) HAWKEYE (MYP)** | **496,374** | **330,874** |
| | Authorization Reduction | | -165,500 |
| 17 | **E-2C (EARLY WARNING) HAWKEYE (MYP) (AP-CY)** | **92,749** | **54,823** |
| | Excess Advance Procurement | | -37,926 |
| 20 | **JPATS** | **289,253** | **287,953** |
| | Support Funding Carryover | | -1,300 |
| 24 | **VTUAV** | **55,337** | **50,337** |
| | Fire Scout Contract Delay | | -5,000 |
| 27 | **AV-8 SERIES** | **51,093** | **43,193** |
| | Day to Night Conversion Kit Ahead of Need | | -7,900 |
| 29 | **F-18 SERIES** | **450,909** | **449,209** |
| | ECP 583R2 Growth | | -5,700 |
| | IR Marker ECP Growth | | -3,600 |
| | F/A-18 Expand 4/5 Upgrade for USMC | | 7,600 |
| 32 | **H-53 SERIES** | **56,381** | **74,781** |
| | AN/AVS-7 Day Heads-Up Display (DayHUD) | | 5,000 |
| | Transfer from FY 2008 Supplemental for IMDS | | 7,800 |
| | Integrated Mechanical Diagnostics Health and Usage Management System and Condition Based Maintenance for the H-53E | | 4,000 |
| | Advanced Helicopter Emergency Egress Lighting System | | 1,600 |
| 35 | **EP-3 SERIES** | **72,370** | **64,670** |
| | Joint Signals Intelligence Avionics Family Modification Non-recurring Growth | | -7,700 |
| 36 | **P-3 SERIES** | **297,896** | **290,896** |
| | Special Structural Inspection Kits Phasing | | -2,400 |
| | EP-3 Rotable Pool Outer Wing Kit Phasing | | -7,800 |
| | Network Centric Collaborative Targeting (NCCT) for P-3C Aircraft | | 3,200 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 38 | **E-2 SERIES** | **11,489** | **27,489** |
| | Reliability Enhancements | | 16,000 |
| 39 | **TRAINER A/C SERIES** | **26,160** | **22,160** |
| | Avionics Upgrade Training Equipment Growth | | -4,000 |
| 43 | **CARGO/TRANSPORT A/C SERIES** | **17,952** | **16,252** |
| | Communication, Navigation, Surveillance/Air Traffic Management (CNS/ATM) Installation Kits Growth | | -1,700 |
| 45 | **EXECUTIVE HELICOPTERS SERIES** | **31,819** | **51,819** |
| | Reliability Enhancements for Presidential Aircraft | | 20,000 |
| 46 | **SPECIAL PROJECT AIRCRAFT** | **14,113** | **18,113** |
| | C4ISR Operations and Training | | 4,000 |
| 47 | **T-45 SERIES** | **67,666** | **65,666** |
| | Virtual Mission Training System (VMTS) Installation Kit Growth | | -2,000 |
| 48 | **POWER PLANT CHANGES** | **28,219** | **26,219** |
| | Excessive Growth | | -2,000 |
| 50 | **AVIATION LIFE SUPPORT MODS** | **7,190** | **1,990** |
| | Chemical Agent Detector Program Delay | | -5,200 |
| 51 | **COMMON ECM EQUIPMENT** | **66,425** | **74,825** |
| | AAR-47 Missile Advanced Warning System | | 4,000 |
| | Crane NSWC IDECM Depot Capability | | 1,600 |
| | Common ECM Equipment (ALQ-214) | | 2,800 |
| 53 | **COMMON DEFENSIVE WEAPON SYSTEM** | **10,786** | **7,286** |
| | Partially funded in FY2008 Supplemental | | -3,500 |
| 56 | **SPARES AND REPAIR PARTS** | **1,229,135** | **1,175,635** |
| | Excess funding for T-45, H-60, EA-18G, H-1 Aircraft | | -46,400 |
| | Reduction in Aircraft Buys | | -7,100 |
| 57 | **COMMON GROUND EQUIPMENT** | **442,390** | **446,790** |
| | Advanced Skills Management (ASM) System | | 1,200 |
| | Direct Squadron Support Readiness Training Program | | 3,200 |

F/A–18 SUPER HORNET

Shortfalls exist in the Navy's strike-fighter inventory caused by the aging of older tactical aircraft and the fact that the F–35 Joint Strike Fighter program will not begin to deliver carrier aircraft in significant quantities for several years. In the most optimistic scenario, the shortfall is approximately 69 aircraft and it could be well above that level. To ensure that the Navy has sufficient aircraft for the fleet, the Navy is encouraged to budget for a third multi-year procurement of Super Hornet aircraft beginning in fiscal year 2010. In addition, cost reduction measures which will yield future savings for this program should be explored.

WEAPONS PROCUREMENT, NAVY

For Weapons Procurement, Navy, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| WEAPONS PROCUREMENT, NAVY | | | | | | |
| BALLISTIC MISSILES | | | | | | |
| MODIFICATION OF MISSILES | | | | | | |
| TRIDENT II MODS | 24 | 1,093,168 | 24 | 1,088,268 | --- | -4,900 |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| MISSILE INDUSTRIAL FACILITIES | --- | 3,496 | --- | 3,496 | --- | --- |
| TOTAL, BALLISTIC MISSILES | | 1,096,664 | | 1,091,764 | | -4,900 |
| OTHER MISSILES | | | | | | |
| STRATEGIC MISSILES | | | | | | |
| TOMAHAWK | 207 | 281,096 | 207 | 281,096 | --- | --- |
| TACTICAL MISSILES | | | | | | |
| AMRAAM | 147 | 146,830 | 147 | 93,230 | --- | -53,600 |
| SIDEWINDER | 205 | 57,497 | 205 | 57,497 | --- | --- |
| JSOW | 496 | 149,144 | 496 | 143,044 | --- | -6,100 |
| STANDARD MISSILE | 70 | 227,958 | 70 | 225,958 | --- | -2,000 |
| RAM | 90 | 74,287 | 90 | 70,987 | --- | -3,300 |
| HELLFIRE | 1,068 | 95,358 | 1,068 | 92,258 | --- | -3,100 |
| AERIAL TARGETS | --- | 83,313 | --- | 78,813 | --- | -4,500 |
| OTHER MISSILE SUPPORT | --- | 9,478 | --- | 9,478 | --- | --- |
| MODIFICATION OF MISSILES | | | | | | |
| ESSM | 86 | 85,061 | 86 | 85,061 | --- | --- |
| HARM MODS | --- | 42,735 | --- | 22,400 | --- | -20,335 |
| STANDARD MISSILES MODS | --- | 77,360 | --- | 77,360 | --- | --- |
| SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| WEAPONS INDUSTRIAL FACILITIES | --- | 3,266 | --- | 41,266 | --- | +38,000 |
| FLEET SATELLITE COMM FOLLOW-ON | --- | 479,680 | --- | 316,180 | --- | -163,500 |
| FLEET SATELLITE COMM FOLLOW-ON (AP-CY) | --- | 27,776 | --- | 27,776 | --- | --- |
| ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| ORDNANCE SUPPORT EQUIPMENT | --- | 43,708 | --- | 43,708 | --- | --- |
| TOTAL, OTHER MISSILES | | 1,884,547 | | 1,666,112 | | -218,435 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| TORPEDOES AND RELATED EQUIPMENT | | | | | | |
| TORPEDOES AND RELATED EQUIP | | | | | | |
| ASW TARGETS | --- | 8,929 | --- | 7,429 | --- | -1,500 |
| MOD OF TORPEDOES AND RELATED EQUIP | | | | | | |
| MK-46 TORPEDO MODS | 120 | 77,782 | 120 | 58,882 | --- | -18,900 |
| MK-48 TORPEDO ADCAP MODS | --- | 61,545 | --- | 53,045 | --- | -8,500 |
| QUICKSTRIKE MINE | --- | 3,506 | --- | 3,506 | --- | --- |
| SUPPORT EQUIPMENT | | | | | | |
| TORPEDO SUPPORT EQUIPMENT | --- | 36,002 | --- | 36,002 | --- | --- |
| ASW RANGE SUPPORT | --- | 9,872 | --- | 9,872 | --- | --- |
| DESTINATION TRANSPORTATION | | | | | | |
| FIRST DESTINATION TRANSPORTATION | --- | 3,442 | --- | 3,442 | --- | --- |
| TOTAL, TORPEDOES AND RELATED EQUIPMENT | | 201,078 | | 172,178 | | -28,900 |
| OTHER WEAPONS | | | | | | |
| GUNS AND GUN MOUNTS | | | | | | |
| SMALL ARMS AND WEAPONS | --- | 13,619 | --- | 13,619 | --- | --- |
| MODIFICATION OF GUNS AND GUN MOUNTS | | | | | | |
| CIWS MODS | --- | 167,967 | --- | 163,767 | --- | -4,200 |
| COAST GUARD WEAPONS | --- | 21,082 | --- | 13,218 | --- | -7,864 |
| GUN MOUNT MODS | --- | 60,061 | --- | 56,906 | --- | -3,155 |
| | --- | 2,786 | --- | 2,786 | --- | --- |
| CRUISER MODERNIZATION WEAPONS | --- | 45,168 | --- | 30,112 | --- | -15,056 |
| AIRBORNE MINE NEUTRALIZATION SYSTEMS | --- | 8,618 | --- | 8,618 | --- | --- |
| OTHER | | | | | | |
| MARINE CORPS TACTICAL UNMANNED AERIAL SYSTEM | --- | 20,532 | --- | 20,532 | --- | --- |
| TOTAL, OTHER WEAPONS | | 339,833 | | 309,558 | | -30,275 |
| SPARES AND REPAIR PARTS | --- | 53,360 | --- | 53,360 | --- | --- |
| TOTAL, WEAPONS PROCUREMENT, NAVY | | 3,575,482 | | 3,292,972 | | -282,510 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**(in thousands of dollars)**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **TRIDENT II MODS** | **1,093,168** | **1,088,268** |
| | Support Funding Growth | | -4,900 |
| 4 | **AMRAAM** | **146,830** | **93,230** |
| | Smooth Production Ramp (Note: Funds 57 Missiles and Telemetry Kits and No Additional Funding for Diminished Manufacturing Sources) | | -53,600 |
| 6 | **JSOW** | **149,144** | **143,044** |
| | Excessive Contractor Support Growth | | -3,100 |
| | Support Funding Carryover | | -3,000 |
| 8 | **STANDARD MISSILE** | **227,958** | **225,958** |
| | Support Funding Carryover | | -2,000 |
| 9 | **RAM** | **74,287** | **70,987** |
| | Engineering Change Proposal Growth | | -2,000 |
| | Support Funding Carryover | | -1,300 |
| 10 | **HELLFIRE** | **95,358** | **92,258** |
| | Support Funding Carryover | | -3,100 |
| 11 | **AERIAL TARGETS** | **83,313** | **78,813** |
| | Support Funding Carryover | | -4,500 |
| 14 | **HARM MODS** | **42,735** | **22,400** |
| | Program Delay | | -20,335 |
| 16 | **WEAPONS INDUSTRIAL FACILITIES** | **3,266** | **41,266** |
| | ABL Restoration Plan | | 38,000 |
| 17 | **FLEET SATELLITE COMM FOLLOW-ON** | **479,680** | **316,180** |
| | MUOS SV-2-Program Delay | | -163,500 |
| 21 | **ASW TARGETS** | **8,929** | **7,429** |
| | Expendable Mobile Training Target Growth | | -1,500 |
| 22 | **MK-46 TORPEDO MODS** | **77,782** | **58,882** |
| | Support Funding Carryover | | -3,300 |
| | Program Adjustment | | -15,600 |
| 23 | **MK-48 TORPEDO ADCAP MODS** | **61,545** | **53,045** |
| | Support Funding Carryover | | -6,000 |
| | Acceptance Test and Evaluation Funding Carryover | | -2,500 |
| 29 | **CIWS MODS** | **167,967** | **163,767** |
| | Engineering Change Orders Growth | | -4,200 |
| 30 | **COAST GUARD WEAPONS** | **21,082** | **13,218** |
| | MK 110 - Funding Ahead of Need | | -7,864 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 31 | **GUN MOUNT MODS** | **60,061** | **56,906** |
| | Installation Funding Ahead of Need | | -3,155 |
| 33 | **CRUISER MODERNIZATION WEAPONS** | **45,168** | **30,112** |
| | CG-55 Extended Selected Restricted Availability (ESRA) Equipment | | -15,056 |

MK–54 TORPEDO

The MK–54 Torpedo will combine features of several existing torpedo programs with updated processing and software to provide improved performance against modern day threats. Development and performance issues have significantly delayed the production of this weapon. The Navy has informed the House and the Senate Committees on Appropriations that the program has become backlogged to such a degree that $23,000,000 of fiscal year 2008 funding will not be used for fiscal year 2008 torpedo production, but provided to another Navy priority. Increasing the lightweight torpedo inventory is the sixth highest unfunded priority of the Navy. Therefore, the Secretary of the Navy is directed to maintain this funding in the program and use it to finance lightweight torpedo requirements once the torpedo contractor demonstrates a proven production method for the MK–54 program.

MOBILE-USER OBJECTIVE SYSTEM (MUOS)

In late June 2008, Congress was informed that the Mobile-User Objective System (MUOS) program was encountering problems that would delay the program and the launch of the MUOS satellites. Due to this delay and the fact that the MUOS program's integration and test plan schedule is based on an Air Force satellite program that is several years behind schedule, the recommendation reduces the request by $163,500,000 for the launch vehicle for the second MUOS satellite. However, the Navy has informed the Congress that despite the current delays to the program, funding may still be required in fiscal year 2009 to purchase the launch vehicle for the second satellite. As such, a reprogramming will be entertained if the Department of Defense determines that, despite the current delays, funding is required to procure a launch vehicle in fiscal year 2009.

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

For Procurement of Ammunition, Navy and Marine Corps, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PROCUREMENT OF AMMO, NAVY & MARINE CORPS | | | | | | |
| PROC AMMO, NAVY | | | | | | |
| NAVY AMMUNITION | | | | | | |
| GENERAL PURPOSE BOMBS | --- | 168,437 | --- | 146,437 | --- | -22,000 |
| JDAM | 169 | 9,306 | 169 | 9,306 | --- | --- |
| AIRBORNE ROCKETS, ALL TYPES | --- | 32,250 | --- | 32,250 | --- | --- |
| MACHINE GUN AMMUNITION | --- | 18,916 | --- | 18,916 | --- | --- |
| PRACTICE BOMBS | --- | 39,419 | --- | 39,419 | --- | --- |
| CARTRIDGES & CART ACTUATED DEVICES | --- | 46,644 | --- | 46,644 | --- | --- |
| AIR EXPENDABLE COUNTERMEASURES | --- | 79,805 | --- | 79,805 | --- | --- |
| JATOS | --- | 3,178 | --- | 3,178 | --- | --- |
| MK 258 MOD 1 | --- | 967 | --- | --- | --- | -967 |
| 5 INCH/54 GUN AMMUNITION | --- | 20,959 | --- | 20,959 | --- | --- |
| INTERMEDIATE CALIBER GUN AMMUNITION | --- | 15,780 | --- | 1,472 | --- | -14,308 |
| OTHER SHIP GUN AMMUNITION | --- | 35,111 | --- | 33,232 | --- | -1,879 |
| SMALL ARMS & LANDING PARTY AMMO | --- | 45,129 | --- | 45,129 | --- | --- |
| PYROTECHNIC AND DEMOLITION | --- | 10,464 | --- | 10,464 | --- | --- |
| AMMUNITION LESS THAN $5 MILLION | --- | 3,207 | --- | 3,207 | --- | --- |
| TOTAL, PROC AMMO, NAVY | | 529,572 | | 490,418 | | -39,154 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PROC AMMO, MARINE CORPS | | | | | | |
| MARINE CORPS AMMUNITION | | | | | | |
| SMALL ARMS AMMUNITION | --- | 108,436 | --- | 108,436 | --- | --- |
| LINEAR CHARGES, ALL TYPES | --- | 17,677 | --- | 17,677 | --- | --- |
| 40 MM, ALL TYPES | --- | 60,433 | --- | 60,433 | --- | --- |
| 60MM, ALL TYPES | --- | 44,846 | --- | 44,846 | --- | --- |
| 81MM, ALL TYPES | --- | 54,879 | --- | 54,879 | --- | --- |
| 120MM, ALL TYPES | --- | 87,500 | --- | 87,500 | --- | --- |
| CTG 25MM, ALL TYPES | --- | 2,300 | --- | 2,300 | --- | --- |
| GRENADES, ALL TYPES | --- | 39,038 | --- | 40,638 | --- | +1,600 |
| ROCKETS, ALL TYPES | --- | 26,087 | --- | 26,087 | --- | --- |
| ARTILLERY, ALL TYPES | --- | 117,213 | --- | 117,213 | --- | --- |
| DEMOLITION MUNITIONS, ALL TYPES | --- | 18,974 | --- | 18,974 | --- | --- |
| FUZE, ALL TYPES | --- | 3,460 | --- | 3,460 | --- | --- |
| NON LETHALS | --- | 2,158 | --- | 2,158 | --- | --- |
| AMMO MODERNIZATION | --- | 5,644 | --- | 5,644 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 4,495 | --- | 4,495 | --- | --- |
| TOTAL, PROC AMMO, MARINE CORPS | | 593,140 | | 594,740 | | +1,600 |
| TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS. | | 1,122,712 | | 1,085,158 | | -37,554 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**(in thousands of dollars)**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **GENERAL PURPOSE BOMBS** | **168,437** | **146,437** |
| | Funding Ahead of Need for PIP | | -22,000 |
| 10 | **MK 258 MOD 1** | **967** | **0** |
| | Development Delay for RAMICS | | -967 |
| 12 | **INTERMEDIATE CALIBER GUN AMMUNITION** | **15,780** | **1,472** |
| | 57mm Ammunition Contract Delay | | -14,308 |
| 13 | **OTHER SHIP GUN AMMUNITION** | **35,111** | **33,232** |
| | 30mm HEI-T Cartridge Growth | | -1,879 |
| 28 | **GRENADES, ALL TYPES** | **39,038** | **40,638** |
| | Grenades, All Types | | 1,600 |

SHIPBUILDING AND CONVERSION, NAVY

For Shipbuilding and Conversion, Navy, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SHIPBUILDING & CONVERSION, NAVY | | | | | | |
| OTHER WARSHIPS | | | | | | |
| CARRIER REPLACEMENT PROGRAM | --- | 2,712,251 | --- | 2,692,607 | --- | -19,644 |
| CARRIER REPLACEMENT PROGRAM (AP-CY) | --- | 1,214,188 | --- | 1,214,188 | --- | --- |
| VIRGINIA CLASS SUBMARINE | 1 | 2,107,040 | 1 | 2,107,040 | --- | --- |
| VIRGINIA CLASS SUBMARINE (AP-CY) | --- | 1,316,548 | --- | 1,395,548 | --- | +79,000 |
| CVN REFUELING OVERHAUL | 1 | 606,561 | 1 | 593,534 | --- | -13,027 |
| CVN REFUELING OVERHAULS (AP-CY) | --- | 21,389 | --- | 21,389 | --- | --- |
| SSBN ERO | 1 | 221,823 | 1 | 221,823 | --- | --- |
| SSBN ERO (AP-CY) | --- | 39,363 | --- | 39,363 | --- | --- |
| DDG 1000 | 1 | 2,502,803 | 1 | 1,508,803 | --- | -994,000 |
| DDG 1000 (AP-CY) | --- | 50,980 | --- | --- | --- | -50,980 |
| DDG-51 (AP-CY) | --- | --- | --- | 200,000 | --- | +200,000 |
| LITTORAL COMBAT SHIP | 2 | 920,000 | 2 | 1,020,000 | --- | +100,000 |
| TOTAL, OTHER WARSHIPS | | 11,712,946 | | 11,014,295 | | -698,651 |
| AMPHIBIOUS SHIPS | | | | | | |
| LPD-17 | --- | 103,216 | 1 | 933,216 | +1 | +830,000 |
| LHA REPLACEMENT | --- | --- | --- | 178,300 | --- | +178,300 |
| INTRATHEATER CONNECTOR | 1 | 174,782 | 1 | 174,782 | --- | --- |
| TOTAL, AMPHIBIOUS SHIPS | | 277,998 | | 1,286,298 | | +1,008,300 |
| AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS | | | | | | |
| OUTFITTING | --- | 429,587 | --- | 429,587 | --- | --- |
| SERVICE CRAFT | --- | 36,317 | --- | 48,117 | --- | +11,800 |
| LCAC SLEP | 6 | 110,918 | 6 | 110,918 | --- | --- |
| COMPLETION OF PY SHIPBUILDING PROGRAMS | --- | 165,152 | --- | 165,152 | --- | --- |
| TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRA | | 741,974 | | 753,774 | | +11,800 |
| TOTAL, SHIPBUILDING & CONVERSION, NAVY | | 12,732,918 | | 13,054,367 | | +321,449 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**(in thousands of dollars)**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **CARRIER REPLACEMENT PROGRAM** | **2,712,251** | **2,692,607** |
| | AN/SLQ-32 Growth | | -2,000 |
| | Hull, Mechanical, and Electrical Support Services Growth | | -12,000 |
| | Excess Global Command and Control - Maritime Support Funding | | -1,644 |
| | Cooperative Engagement Capability Excess Funding | | -4,000 |
| 4 | **VIRGINIA CLASS SUBMARINE (AP-CY)** | **1,316,548** | **1,395,548** |
| | Economic Order Quantity | | 79,000 |
| 5 | **CVN REFUELING OVERHAUL** | **606,561** | **593,534** |
| | Combat Systems Integration | | -13,027 |
| 10 | **DDG 1000** | **2,502,803** | **1,508,803** |
| | AGS Pallets | | 6,000 |
| | Split Funding of Third Ship | | -1,000,000 |
| 11 | **DDG 1000 (AP-CY)** | **50,980** | **0** |
| | Defer Advance Procurement | | -50,980 |
| 12 | **DDG-51 (AP)** | **0** | **200,000** |
| | Advance Procurement | | 200,000 |
| 13 | **LITTORAL COMBAT SHIP** | **920,000** | **1,020,000** |
| | Cost Growth | | 100,000 |
| 14 | **LPD-17** | **103,216** | **933,216** |
| | Split Funding of 10th Ship | | 830,000 |
| 16 | **LHA REPLACEMENT** | **0** | **178,300** |
| | Transfer from NDSF | | 348,300 |
| | Authorization Reduction | | -170,000 |
| 21 | **SERVICE CRAFT** | **36,317** | **48,117** |
| | Large Harbor Tugs | | 11,800 |

LITTORAL COMBAT SHIP (LCS)

The bill includes $1,020,000,000 for two LCS seaframes and a rescission of $337,000,000 in fiscal year 2008 LCS funding. Additionally, funds and material from fiscal year 2006 can be used to supplement the fiscal year 2009 LCS program. Due to industrial base concerns, the Navy is directed to make contract awards for the two fiscal year 2009 LCS seaframes as soon as practicable.

LPD–17

The bill includes $933,000,000 for the first year of split funding for the LPD–26. The Navy is directed to budget for the remaining funding requirement in fiscal year 2010.

SURFACE COMBATANT FUNDING

The bill includes $1,507,603,000 for the first year of split funding for the DDG–1000 program. The Navy is directed to budget for the remaining funding requirement in fiscal year 2010 and to award a construction contract consistent with the ship's current acquisition schedule and the Joint Requirements Oversight Council (JROC) review described in the next section. The bill also includes $200,000,000 in advance procurement funding to preserve the option to restart the DDG–51 class destroyer program.

SURFACE COMBATANT REVIEW

The Navy's recent decision to truncate production of the DDG–1000 Zumwalt Class destroyers and restart production of the DDG–51 Arleigh Burke Class destroyers will require a program review by the Joint Requirements Oversight Council (JROC). Therefore, the Department is directed to complete a JROC program review, as expeditiously as possible, that examines the Navy's proposal and addresses the warfighting requirements implications of this decision and revalidates future surface combatant warfighting requirements prior to the obligation of any fiscal year 2009 procurement funds for either destroyer program.

SHIPBULDING INDUSTRIAL BASE STUDY

The Department's Cost Analysis Improvement Group is conducting a study of the shipbuilding industrial base. The Secretary of Defense is directed to submit the results of that study to the congressional defense committees upon its conclusion.

OTHER PROCUREMENT, NAVY

For Other Procurement, Navy, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER PROCUREMENT, NAVY | | | | | | |
| SHIPS SUPPORT EQUIPMENT | | | | | | |
| SHIP PROPULSION EQUIPMENT | | | | | | |
| LM-2500 GAS TURBINE | --- | 7,973 | --- | 7,973 | --- | --- |
| ALLISON 501K GAS TURBINE | --- | 9,405 | --- | 9,405 | --- | --- |
| OTHER PROPULSION EQUIPMENT | --- | 38,800 | --- | 21,300 | --- | -17,500 |
| NAVIGATION EQUIPMENT | | | | | | |
| OTHER NAVIGATION EQUIPMENT | --- | 47,549 | --- | 44,723 | --- | -2,826 |
| PERISCOPES | | | | | | |
| SUB PERISCOPES & IMAGING EQUIP | --- | 69,078 | --- | 67,378 | --- | -1,700 |
| OTHER SHIPBOARD EQUIPMENT | | | | | | |
| DDG MOD | --- | 165,496 | --- | 165,496 | --- | --- |
| FIREFIGHTING EQUIPMENT | --- | 8,293 | --- | 8,293 | --- | --- |
| COMMAND AND CONTROL SWITCHBOARD | --- | 6,345 | --- | 6,345 | --- | --- |
| POLLUTION CONTROL EQUIPMENT | --- | 27,923 | --- | 27,923 | --- | --- |
| SUBMARINE SUPPORT EQUIPMENT | --- | 22,686 | --- | 22,686 | --- | --- |
| VIRGINIA CLASS SUPPORT EQUIPMENT | --- | 199,904 | --- | 183,204 | --- | -16,700 |
| SUBMARINE BATTERIES | --- | 41,132 | --- | 41,132 | --- | --- |
| STRATEGIC PLATFORM SUPPORT EQUIP | --- | 9,953 | --- | 9,953 | --- | --- |
| DSSP EQUIPMENT | --- | 5,733 | --- | 5,733 | --- | --- |
| CG-MODERNIZATION | --- | 232,370 | --- | 165,654 | --- | -66,716 |
| LCAC | --- | 174 | --- | 174 | --- | --- |
| MINESWEEPING EQUIPMENT | --- | 11,991 | --- | 10,651 | --- | -1,340 |
| ITEMS LESS THAN $5 MILLION | --- | 136,156 | --- | 130,514 | --- | -5,642 |
| CHEMICAL WARFARE DETECTORS | --- | 6,598 | --- | 6,598 | --- | --- |
| SUBMARINE LIFE SUPPORT SYSTEM | --- | 15,212 | --- | 15,212 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| REACTOR PLANT EQUIPMENT | | | | | | |
| REACTOR COMPONENTS | --- | 236,693 | --- | 236,693 | --- | --- |
| OCEAN ENGINEERING | | | | | | |
| DIVING AND SALVAGE EQUIPMENT | --- | 6,549 | --- | 6,549 | --- | --- |
| SMALL BOATS | | | | | | |
| STANDARD BOATS | --- | 17,839 | --- | 26,839 | --- | +9,000 |
| TRAINING EQUIPMENT | | | | | | |
| OTHER SHIPS TRAINING EQUIPMENT | --- | 5,689 | --- | 5,689 | --- | --- |
| PRODUCTION FACILITIES EQUIPMENT | | | | | | |
| OPERATING FORCES IPE | --- | 51,631 | --- | 55,695 | --- | +4,064 |
| OTHER SHIP SUPPORT | | | | | | |
| NUCLEAR ALTERATIONS | --- | 70,694 | --- | 70,694 | --- | --- |
| LCS MODULES | --- | 131,241 | --- | 73,902 | --- | -57,339 |
| LSD MIDLIFE | --- | 90,675 | --- | 90,608 | --- | -67 |
| TOTAL, SHIPS SUPPORT EQUIPMENT | | 1,673,782 | | 1,517,016 | | -156,766 |
| COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| SHIP RADARS | | | | | | |
| RADAR SUPPORT | 2 | 10,503 | 2 | 13,703 | --- | +3,200 |
| SHIP SONARS | | | | | | |
| SPQ-9B RADAR | --- | 9,281 | --- | 9,981 | --- | +700 |
| AN/SQQ-89 SURF ASW COMBAT SYSTEM | 3 | 117,685 | 3 | 102,160 | --- | -15,525 |
| SSN ACOUSTICS | --- | 284,153 | --- | 276,029 | --- | -8,124 |
| UNDERSEA WARFARE SUPPORT EQUIPMENT | 3 | 15,578 | 3 | 15,578 | --- | --- |
| SONAR SWITCHES AND TRANSDUCERS | --- | 13,858 | --- | 11,158 | --- | -2,700 |
| ASW ELECTRONIC EQUIPMENT | | | | | | |
| SUBMARINE ACOUSTIC WARFARE SYSTEM | --- | 20,857 | --- | 20,857 | --- | --- |
| SSTD | --- | 10,058 | --- | 19,658 | --- | +9,600 |
| FIXED SURVEILLANCE SYSTEM | --- | 44,997 | --- | 49,797 | --- | +4,800 |
| SURTASS | --- | 26,675 | --- | 26,675 | --- | --- |
| TACTICAL SUPPORT CENTER | --- | 25,188 | --- | 25,188 | --- | --- |
| ELECTRONIC WARFARE EQUIPMENT | | | | | | |
| AN/SLQ-32 | --- | 29,280 | --- | 22,968 | --- | -6,312 |
| RECONNAISSANCE EQUIPMENT | | | | | | |
| SHIPBOARD IW EXPLOIT | --- | 83,408 | --- | 80,008 | --- | -3,400 |
| SUBMARINE SURVEILLANCE EQUIPMENT | | | | | | |
| SUBMARINE SUPPORT EQUIPMENT PROG | --- | 103,597 | --- | 103,597 | --- | --- |
| OTHER SHIP ELECTRONIC EQUIPMENT | | | | | | |
| COOPERATIVE ENGAGEMENT CAPABILITY | --- | 34,561 | --- | 29,061 | --- | -5,500 |
| GCCS-M EQUIPMENT | --- | 25,923 | --- | 25,923 | --- | --- |
| NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) | --- | 31,283 | --- | 29,651 | --- | -1,632 |
| ATDLS | --- | 14,206 | --- | 14,206 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| MINESWEEPING SYSTEM REPLACEMENT | --- | 49,024 | --- | 50,024 | --- | +1,000 |
| SHALLOW WATER MCM | --- | 7,355 | --- | 7,355 | --- | --- |
| NAVSTAR GPS RECEIVERS (SPACE) | --- | 10,893 | --- | 10,893 | --- | --- |
| ARMED FORCES RADIO AND TV | --- | 4,178 | --- | 4,178 | --- | --- |
| STRATEGIC PLATFORM SUPPORT EQUIP | --- | 4,106 | --- | 4,106 | --- | --- |
| TRAINING EQUIPMENT | | | | | | |
| OTHER TRAINING EQUIPMENT | --- | 29,791 | --- | 29,791 | --- | --- |
| AVIATION ELECTRONIC EQUIPMENT | | | | | | |
| MATCALS | --- | 17,409 | --- | 17,409 | --- | --- |
| SHIPBOARD AIR TRAFFIC CONTROL | --- | 7,944 | --- | 7,944 | --- | --- |
| AUTOMATIC CARRIER LANDING SYSTEM | --- | 18,787 | --- | 16,287 | --- | -2,500 |
| NATIONAL AIR SPACE SYSTEM | --- | 29,066 | --- | 29,066 | --- | --- |
| AIR STATION SUPPORT EQUIPMENT | --- | 8,238 | --- | 8,238 | --- | --- |
| MICROWAVE LANDING SYSTEM | --- | 10,799 | --- | 10,799 | --- | --- |
| ID SYSTEMS | --- | 34,560 | --- | 31,460 | --- | -3,100 |
| TAC A/C MISSION PLANNING SYS(TAMPS) | --- | 9,512 | --- | 9,512 | --- | --- |
| OTHER SHORE ELECTRONIC EQUIPMENT | | | | | | |
| DEPLOYABLE JOINT COMMAND AND CONT | --- | 9,031 | --- | 9,031 | --- | --- |
| TADIX-B | --- | 5,309 | --- | 5,309 | --- | --- |
| GCCS-M EQUIPMENT TACTICAL/MOBILE | --- | 6,209 | --- | 5,209 | --- | -1,000 |
| COMMON IMAGERY GROUND SURFACE SYSTEMS | --- | 67,133 | --- | 38,333 | --- | -28,800 |
| RADIAC | --- | 9,840 | --- | 9,840 | --- | --- |
| GPETE | --- | 5,521 | --- | 5,521 | --- | --- |
| INTEG COMBAT SYSTEM TEST FACILITY | --- | 4,558 | --- | 4,558 | --- | --- |
| EMI CONTROL INSTRUMENTATION | --- | 8,384 | --- | 8,384 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 48,930 | --- | 43,430 | --- | -5,500 |
| SHIPBOARD COMMUNICATIONS | | | | | | |
| SHIPBOARD TACTICAL COMMUNICATIONS | --- | 9 | --- | 9 | --- | --- |
| PORTABLE RADIOS | --- | 14,352 | --- | 14,352 | --- | --- |
| SHIP COMMUNICATIONS AUTOMATION | --- | 333,335 | --- | 327,335 | --- | -6,000 |
| COMMUNICATIONS ITEMS UNDER $5M | --- | 35,647 | --- | 38,047 | --- | +2,400 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SUBMARINE COMMUNICATIONS | | | | | | |
| SUBMARINE BROADCAST SUPPORT | --- | 3,139 | --- | 3,139 | --- | --- |
| SUBMARINE COMMUNICATION EQUIPMENT | --- | 76,761 | --- | 79,761 | --- | +3,000 |
| SATELLITE COMMUNICATIONS | | | | | | |
| SATELLITE COMMUNICATIONS SYSTEMS | --- | 122,003 | --- | 118,603 | --- | -3,400 |
| SHORE COMMUNICATIONS | | | | | | |
| JCS COMMUNICATIONS EQUIPMENT | --- | 2,376 | --- | 2,376 | --- | --- |
| ELECTRICAL POWER SYSTEMS | --- | 1,293 | --- | 1,293 | --- | --- |
| NAVAL SHORE COMMUNICATIONS | --- | 8,563 | --- | 8,563 | --- | --- |
| CRYPTOGRAPHIC EQUIPMENT | | | | | | |
| INFO SYSTEMS SECURITY PROGRAM (ISSP) | --- | 101,153 | --- | 101,153 | --- | --- |
| CRYPTOLOGIC EQUIPMENT | | | | | | |
| CRYPTOLOGIC COMMUNICATIONS EQUIP | --- | 16,716 | --- | 16,716 | --- | --- |
| OTHER ELECTRONIC SUPPORT | | | | | | |
| COAST GUARD EQUIPMENT | --- | 16,846 | --- | 16,846 | --- | --- |
| TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | 2,039,861 | | 1,971,068 | | -68,793 |
| AVIATION SUPPORT EQUIPMENT | | | | | | |
| SONOBUOYS | | | | | | |
| SONOBUOYS - ALL TYPES | --- | 112,603 | --- | 112,603 | --- | --- |
| AIRCRAFT SUPPORT EQUIPMENT | | | | | | |
| WEAPONS RANGE SUPPORT EQUIPMENT | --- | 64,396 | --- | 73,676 | --- | +9,280 |
| EXPEDITIONARY AIRFIELDS | --- | 8,308 | --- | 8,308 | --- | --- |
| AIRCRAFT REARMING EQUIPMENT | --- | 12,761 | --- | 12,761 | --- | --- |
| AIRCRAFT LAUNCH & RECOVERY EQUIPMENT | --- | 46,362 | --- | 46,362 | --- | --- |
| METEOROLOGICAL EQUIPMENT | --- | 24,742 | --- | 24,742 | --- | --- |
| OTHER PHOTOGRAPHIC EQUIPMENT | --- | 1,603 | --- | 1,603 | --- | --- |
| AVIATION LIFE SUPPORT | --- | 17,673 | --- | 21,673 | --- | +4,000 |
| AIRBORNE MINE COUNTERMEASURES | --- | 39,363 | --- | 28,963 | --- | -10,400 |
| LAMPS MK III SHIPBOARD EQUIPMENT | --- | 35,117 | --- | 35,117 | --- | --- |
| OTHER AVIATION SUPPORT EQUIPMENT | --- | 13,335 | --- | 13,335 | --- | --- |
| TOTAL, AVIATION SUPPORT EQUIPMENT | | 376,263 | | 379,143 | | +2,880 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| SHIP GUN SYSTEM EQUIPMENT | | | | | | |
| NAVAL FIRES CONTROL SYSTEM | --- | 1,695 | --- | 1,695 | --- | --- |
| GUN FIRE CONTROL EQUIPMENT | --- | 8,244 | --- | 8,244 | --- | --- |
| SHIP MISSILE SYSTEMS EQUIPMENT | | | | | | |
| NATO SEASPARROW | --- | 12,270 | --- | 10,320 | --- | -1,950 |
| RAM GMLS | --- | 23,492 | --- | 14,692 | --- | -8,800 |
| SHIP SELF DEFENSE SYSTEM | --- | 46,687 | --- | 46,687 | --- | --- |
| AEGIS SUPPORT EQUIPMENT | --- | 85,424 | --- | 89,424 | --- | +4,000 |
| TOMAHAWK SUPPORT EQUIPMENT | --- | 61,976 | --- | 55,476 | --- | -6,500 |
| VERTICAL LAUNCH SYSTEMS | --- | 5,644 | --- | 5,644 | --- | --- |
| FBM SUPPORT EQUIPMENT | | | | | | |
| STRATEGIC MISSILE SYSTEMS EQUIP | --- | 118,814 | --- | 118,814 | --- | --- |
| ASW SUPPORT EQUIPMENT | | | | | | |
| SSN COMBAT CONTROL SYSTEMS | --- | 98,010 | --- | 98,010 | --- | --- |
| SUBMARINE ASW SUPPORT EQUIPMENT | --- | 5,374 | --- | 5,374 | --- | --- |
| SURFACE ASW SUPPORT EQUIPMENT | --- | 4,622 | --- | 4,622 | --- | --- |
| ASW RANGE SUPPORT EQUIPMENT | --- | 9,199 | --- | 17,199 | --- | +8,000 |
| OTHER ORDNANCE SUPPORT EQUIPMENT | | | | | | |
| EXPLOSIVE ORDNANCE DISPOSAL EQUIP | --- | 46,546 | --- | 46,546 | --- | --- |
| ITEMS LESS THAN $5 MILLION | --- | 3,535 | --- | 6,735 | --- | +3,200 |
| OTHER EXPENDABLE ORDNANCE | | | | | | |
| ANTI-SHIP MISSILE DECOY SYSTEM | --- | 38,077 | --- | 38,077 | --- | --- |
| SURFACE TRAINING DEVICE MODS | --- | 9,822 | --- | 9,822 | --- | --- |
| SUBMARINE TRAINING DEVICE MODS | --- | 33,583 | --- | 37,083 | --- | +3,500 |
| TOTAL, ORDNANCE SUPPORT EQUIPMENT | | 613,014 | | 614,464 | | +1,450 |
| CIVIL ENGINEERING SUPPORT EQUIPMENT | | | | | | |
| PASSENGER CARRYING VEHICLES | --- | 1,966 | --- | 1,966 | --- | --- |
| GENERAL PURPOSE TRUCKS | --- | 829 | --- | 829 | --- | --- |
| CONSTRUCTION & MAINTENANCE EQUIP | --- | 12,167 | --- | 12,167 | --- | --- |
| FIRE FIGHTING EQUIPMENT | --- | 16,289 | --- | 16,289 | --- | --- |
| TACTICAL VEHICLES | --- | 29,686 | --- | 29,686 | --- | --- |
| AMPHIBIOUS EQUIPMENT | --- | 14,041 | --- | 14,041 | --- | --- |
| POLLUTION CONTROL EQUIPMENT | --- | 5,418 | --- | 5,418 | --- | --- |
| ITEMS UNDER $5 MILLION | --- | 22,379 | --- | 22,379 | --- | --- |
| PHYSICAL SECURITY VEHICLES | --- | 1,116 | --- | 1,116 | --- | --- |
| TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT | | 103,891 | | 103,891 | | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SUPPLY SUPPORT EQUIPMENT | | | | | | |
| SUPPLY SUPPORT EQUIPMENT | | | | | | |
| MATERIALS HANDLING EQUIPMENT | --- | 14,971 | --- | 14,971 | --- | --- |
| OTHER SUPPLY SUPPORT EQUIPMENT | --- | 9,247 | --- | 9,247 | --- | --- |
| FIRST DESTINATION TRANSPORTATION | --- | 6,216 | --- | 6,216 | --- | --- |
| SPECIAL PURPOSE SUPPLY SYSTEMS | --- | 74,103 | --- | 74,103 | --- | --- |
| TOTAL, SUPPLY SUPPORT EQUIPMENT | | 104,537 | | 104,537 | | --- |
| PERSONNEL AND COMMAND SUPPORT EQUIPMENT | | | | | | |
| TRAINING DEVICES | | | | | | |
| TRAINING SUPPORT EQUIPMENT | --- | 16,764 | --- | 16,764 | --- | --- |
| COMMAND SUPPORT EQUIPMENT | | | | | | |
| COMMAND SUPPORT EQUIPMENT | --- | 43,175 | --- | 46,775 | --- | +3,600 |
| EDUCATION SUPPORT EQUIPMENT | --- | 2,018 | --- | 2,018 | --- | --- |
| MEDICAL SUPPORT EQUIPMENT | --- | 6,493 | --- | 6,493 | --- | --- |
| NAVAL MIP SUPPORT EQUIPMENT | --- | 1,646 | --- | 1,646 | --- | --- |
| OPERATING FORCES SUPPORT EQUIPMENT | --- | 13,116 | --- | 13,116 | --- | --- |
| C4ISR EQUIPMENT | --- | 13,510 | --- | 13,510 | --- | --- |
| ENVIRONMENTAL SUPPORT EQUIPMENT | --- | 24,244 | --- | 24,244 | --- | --- |
| PHYSICAL SECURITY EQUIPMENT | --- | 144,863 | --- | 140,263 | --- | -4,600 |
| ENTERPRISE INFORMATION TECHNOLOGY | --- | 35,600 | --- | 35,600 | --- | --- |
| TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT | | 301,429 | | 300,429 | | -1,000 |
| SPARES AND REPAIR PARTS | --- | 251,765 | --- | 241,765 | --- | -10,000 |
| CLASSIFIED PROGRAMS | --- | 18,314 | --- | 18,314 | --- | --- |
| TOTAL, OTHER PROCUREMENT, NAVY | | 5,482,856 | | 5,250,627 | | -232,229 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**(in thousands of dollars)**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 3 | **OTHER PROPULSION EQUIPMENT** | **38,800** | **21,300** |
| | DDG-51 Reduction Gear Growth | | -19,900 |
| | Condition-Based Inspection Technologies for Propulsion Equipment | | 800 |
| | LSD-41/49 Diesel Engine Low Load Upgrade Kit | | 1,600 |
| 4 | **OTHER NAVIGATION EQUIPMENT** | **47,549** | **44,723** |
| | Ring Laser Gyro Phasing | | -750 |
| | Electronic Chart Display and Information System Phasing | | -3,076 |
| | AN/WSN-7 Fiber Optic Gyro System Upgrades | | 3,000 |
| | Reduction to Growth | | -2,000 |
| 6 | **SUB PERISCOPES & IMAGING EQUIP** | **69,078** | **67,378** |
| | Support Funding Carryover | | -1,700 |
| 12 | **VIRGINIA CLASS SUPPORT EQUIPMENT** | **199,904** | **183,204** |
| | SCN Buyback | | -16,700 |
| 16 | **CG-MODERNIZATION** | **232,370** | **165,654** |
| | SPQ-9B Radar Growth | | -1,730 |
| | Aegis Weapons System Growth | | -2,600 |
| | Vertical Launch System Upgrade Growth | | -1,134 |
| | CG-55 Extended Selected Restricted Availability (ESRA) Equipment | | -61,252 |
| 18 | **MINESWEEPING EQUIPMENT** | **11,991** | **10,651** |
| | Very Shallow Water Unmanned Underwater Vehicle Pricing | | -1,340 |
| 19 | **ITEMS LESS THAN $5 MILLION** | **136,156** | **130,514** |
| | LPD-17 Obsolescence | | -2,250 |
| | Littoral Combat Ship Modernization | | -12,600 |
| | Auto Voltage Regulators Phasing | | -1,324 |
| | AS-39 Class Air Conditioning Plants Phasing | | -2,968 |
| | Canned Lube Pumps for LSD-41/49 Ships | | 2,000 |
| | CVN Propeller Replacement Program | | 5,000 |
| | Jet Fuel (JP-5) Electric Valve Operators | | 2,400 |
| | Shipboard Network Protection System | | 1,600 |
| | Remote Monitoring and Troubleshooting Project | | 2,500 |
| 25 | **STANDARD BOATS** | **17,839** | **26,839** |
| | 66 Foot Coastal Command Boat (CCB) | | 5,000 |
| | High Speed Aluminum Towable Boat Lifts | | 4,000 |
| 27 | **OPERATING FORCES IPE** | **51,631** | **55,695** |
| | Capital Investment Program Growth | | -2,336 |
| | Advanced Maintenance and Environmental Monitoring Technologies for Public Shipyards | | 2,400 |
| | PHNSY Upgrades | | 4,000 |
| 29 | **LCS MODULES** | **131,241** | **73,902** |
| | Mission Package Integrator | | -9,291 |
| | Delay One Mission Module | | -48,048 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 30 | **LSD MIDLIFE** | **90,675** | **90,608** |
| | Air Conditioning Plant Installation Funding | | -4,100 |
| | Low Pressure Air Compressor Phasing | | -767 |
| | LSD Main Propulsion Diesel Engine Upgrade | | 4,800 |
| 32 | **RADAR SUPPORT** | **10,503** | **13,703** |
| | Enhanced Detection Adjunct Processor | | 3,200 |
| 33 | **SPQ-9B RADAR** | **9,281** | **9,981** |
| | Transmitter Upgrade Phasing | | -3,600 |
| | AN/SPQ-9B Surface Ship Radar | | 4,300 |
| 34 | **AN/SQQ-89 SURF ASW COMBAT SYSTEM** | **117,685** | **102,160** |
| | Combat System Upgrade Kit Installation Phasing | | -12,900 |
| | Scaled Improved Performance Sonar Ship Alteration Delay | | -2,625 |
| 35 | **SSN ACOUSTICS** | **284,153** | **276,029** |
| | Phase III/IV Technology Insertion Upgrade Kit Growth | | -1,224 |
| | Support Funding Carryover | | -2,500 |
| | TB-33 -- Continue LRIP | | -4,400 |
| 37 | **SONAR SWITCHES AND TRANSDUCERS** | **13,858** | **11,158** |
| | Support Funding Carryover | | -2,700 |
| 39 | **SSTD** | **10,058** | **19,658** |
| | ASW Enhancements | | 9,600 |
| 40 | **FIXED SURVEILLANCE SYSTEM** | **44,997** | **49,797** |
| | Gateway System | | 4,800 |
| 41 | **SURTASS** | **26,675** | **26,675** |
| | Compact Low Frequency Active Installation Funding | | -6,000 |
| | ASW Enhancements | | 6,000 |
| 43 | **AN/SLQ-32** | **29,280** | **22,968** |
| | Production Support Growth | | -2,700 |
| | Small Ship Electronic Support Measures Program Delay | | -3,612 |
| 45 | **SHIPBOARD IW EXPLOIT** | **83,408** | **80,008** |
| | Engineering Change Proposal/Obsolescence Growth | | -5,000 |
| | Communications Data Link System for Capital Ships | | 1,600 |
| 48 | **COOPERATIVE ENGAGEMENT CAPABILITY** | **34,561** | **29,061** |
| | Cooperative Engagement Processing Transmission Sets Installation Funding | | -2,800 |
| | Planar Array Active Antenna phasing | | -2,700 |
| 50 | **NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)** | **31,283** | **29,651** |
| | Naval Tactical Command Support System (NTCSS) Upgrades Growth | | -1,632 |
| 52 | **MINESWEEPING SYSTEM REPLACEMENT** | **49,024** | **50,024** |
| | MCM-1 Class Combat System Upgrades/Acoustic Generators | | 1,000 |
| 60 | **AUTOMATIC CARRIER LANDING SYSTEM** | **18,787** | **16,287** |
| | SPN-46 Production Support Growth | | -2,500 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 65 | **ID SYSTEMS** | **34,560** | **31,460** |
| | Support Funding Carryover | | -3,100 |
| 69 | **GCCS-M EQUIPMENT TACTICAL/MOBILE** | **6,209** | **5,209** |
| | C4I Upgrade Growth | | -1,000 |
| 70 | **COMMON IMAGERY GROUND SURFACE SYSTEMS** | **67,133** | **38,333** |
| | Tier 1 Cancellation | | -18,800 |
| | Defer Product Improvements Due to Restructure | | -10,000 |
| 75 | **ITEMS LESS THAN $5 MILLION** | **48,930** | **43,430** |
| | Excessive Installation Costs | | -5,500 |
| 78 | **SHIP COMMUNICATIONS AUTOMATION** | **333,335** | **327,335** |
| | ADNS -- Stabilize Growth | | -6,000 |
| 79 | **COMMUNICATIONS ITEMS UNDER $5M** | **35,647** | **38,047** |
| | CVN Communications Network | | 2,400 |
| 81 | **SUBMARINE COMMUNICATION EQUIPMENT** | **76,761** | **79,761** |
| | Integrated Voice Communications System for the SSN-688I | | 3,000 |
| 82 | **SATELLITE COMMUNICATIONS SYSTEMS** | **122,003** | **118,603** |
| | WSC-6 Cost Growth | | -2,000 |
| | CBSP Phasing | | -1,400 |
| 91 | **WEAPONS RANGE SUPPORT EQUIPMENT** | **64,396** | **73,676** |
| | Advanced Ground Target Threat Simulators | | 1,280 |
| | Training Range Enhancements | | 8,000 |
| 97 | **AVIATION LIFE SUPPORT** | **17,673** | **21,673** |
| | Multi Climate Protection System | | 2,000 |
| | Advanced Mission Extender Device Kits | | 2,000 |
| 98 | **AIRBORNE MINE COUNTERMEASURES** | **39,363** | **28,963** |
| | Carriage, Stream, Tow, and Recovery System Delay | | -12,800 |
| | Airborne Laser Mine Detection System | | 2,400 |
| 104 | **NATO SEASPARROW** | **12,270** | **10,320** |
| | MK-29 Launcher Modification Phasing | | -1,950 |
| 105 | **RAM GMLS** | **23,492** | **14,692** |
| | Support Funding Carryover | | -1,600 |
| | Ahead of Need | | -7,200 |
| 107 | **AEGIS SUPPORT EQUIPMENT** | **85,424** | **89,424** |
| | Aegis Land Based Test Site Upgrades | | 4,000 |
| 108 | **TOMAHAWK SUPPORT EQUIPMENT** | **61,976** | **55,476** |
| | Product Support Growth | | -6,500 |
| 114 | **ASW RANGE SUPPORT EQUIPMENT** | **9,199** | **17,199** |
| | Training Range Enhancements | | 8,000 |
| 116 | **ITEMS LESS THAN $5 MILLION** | **3,535** | **6,735** |
| | NIROP Industrial Facilities Materials Staging Area | | 3,200 |

| P-1 | Budget Request | Recommendation |
|---|---|---|
| **119 SUBMARINE TRAINING DEVICE MODS** | **33,583** | **37,083** |
| Standardized Metrics Assessment of Readiness Training | | 3,500 |
| **134 COMMAND SUPPORT EQUIPMENT** | **43,175** | **46,775** |
| High Performance Computing Capability | | 800 |
| Man Overboard Identification (MOBI) System | | 2,800 |
| **142 PHYSICAL SECURITY EQUIPMENT** | **144,863** | **140,263** |
| Virtual Perimeter Monitoring System | | 2,400 |
| SPS -- Smooth Production Profile | | -7,000 |
| **148 SPARES AND REPAIR PARTS** | **251,765** | **241,765** |
| Reduction to Growth | | -10,000 |

PROCUREMENT, MARINE CORPS

For Procurement, Marine Corps, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PROCUREMENT, MARINE CORPS | | | | | | |
| WEAPONS AND COMBAT VEHICLES | | | | | | |
| TRACKED COMBAT VEHICLES | | | | | | |
| AAV7A1 PIP | --- | 5,441 | --- | 5,441 | --- | --- |
| LAV PIP | --- | 64,526 | --- | 43,526 | --- | -21,000 |
| M1A1 FIREPOWER ENHANCEMENTS | --- | 14,706 | --- | 14,706 | --- | --- |
| ARTILLERY AND OTHER WEAPONS | | | | | | |
| EXPEDITIONARY FIRE SUPPORT SYSTEM | --- | 22,102 | --- | 22,102 | --- | --- |
| 155MM LIGHTWEIGHT TOWED HOWITZER | --- | 2,500 | --- | 2,500 | --- | --- |
| HIGH MOBILITY ARTILLERY ROCKET SYSTEM | --- | 109,460 | --- | 109,460 | --- | --- |
| WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION | --- | 24,220 | --- | 12,987 | --- | -11,233 |
| WEAPONS | | | | | | |
| OTHER SUPPORT | | | | | | |
| MODIFICATION KITS | --- | 11,165 | --- | 11,165 | --- | --- |
| WEAPONS ENHANCEMENT PROGRAM | --- | 24,223 | --- | 24,223 | --- | --- |
| TOTAL, WEAPONS AND COMBAT VEHICLES | | 278,343 | | 246,110 | | -32,233 |
| GUIDED MISSILES AND EQUIPMENT | | | | | | |
| GUIDED MISSILES | | | | | | |
| GROUND BASED AIR DEFENSE | --- | 12,569 | --- | 5,493 | --- | -7,076 |
| OTHER SUPPORT | | | | | | |
| MODIFICATION KITS | --- | 4,925 | --- | 4,925 | --- | --- |
| TOTAL, GUIDED MISSILES AND EQUIPMENT | | 17,494 | | 10,418 | | -7,076 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|
| | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | | | | | |
| COMMAND AND CONTROL SYSTEMS | | | | | | |
| COMBAT OPERATIONS CENTER | --- | 14,883 | --- | 10,083 | --- | -4,800 |
| REPAIR AND TEST EQUIPMENT | | | | | | |
| REPAIR AND TEST EQUIPMENT | --- | 35,188 | --- | 35,188 | --- | --- |
| OTHER SUPPORT (TEL) | | | | | | |
| COMBAT SUPPORT SYSTEM | --- | 34,665 | --- | 35,465 | --- | +800 |
| ITEMS UNDER $5 MILLION (COMM & ELEC) | --- | 9,661 | --- | 9,661 | --- | --- |
| AIR OPERATIONS C2 SYSTEMS | --- | 77,978 | --- | 38,639 | --- | -39,339 |
| RADAR + EQUIPMENT (NON-TEL) | | | | | | |
| RADAR SYSTEMS | --- | 32,516 | --- | 32,516 | --- | --- |
| INTELL/COMM EQUIPMENT (NON-TEL) | | | | | | |
| FIRE SUPPORT SYSTEM | --- | 2,654 | --- | 2,654 | --- | --- |
| INTELLIGENCE SUPPORT EQUIPMENT | --- | 49,838 | --- | 49,838 | --- | --- |
| OTHER COMM/ELEC EQUIPMENT (NON-TEL) | | | | | | |
| NIGHT VISION EQUIPMENT | --- | 24,868 | --- | 24,868 | --- | --- |
| OTHER SUPPORT (NON-TEL) | | | | | | |
| COMMON COMPUTER RESOURCES | --- | 106,499 | --- | 106,499 | --- | --- |
| COMMAND POST SYSTEMS | --- | 15,816 | --- | 15,816 | --- | --- |
| RADIO SYSTEMS | --- | 95,845 | --- | 65,845 | --- | -30,000 |
| COMM SWITCHING & CONTROL SYSTEMS | --- | 40,639 | --- | 49,539 | --- | +8,900 |
| COMM & ELEC INFRASTRUCTURE SUPPORT | --- | 15,527 | --- | 15,527 | --- | --- |
| TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT | | 556,577 | | 492,138 | | -64,439 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SUPPORT VEHICLES | | | | | | |
| ADMINISTRATIVE VEHICLES | | | | | | |
| COMMERCIAL PASSENGER VEHICLES | --- | 1,201 | --- | 1,201 | --- | --- |
| COMMERCIAL CARGO VEHICLES | --- | 13,691 | --- | 13,691 | --- | --- |
| TACTICAL VEHICLES | | | | | | |
| 5/4T TRUCK HMMWV (MYP) | 7 | 2,666 | 7 | 2,666 | --- | --- |
| MEDIUM TACTICAL VEHICLE REPLACEMENT | --- | 944 | --- | 944 | --- | --- |
| LOGISTICS VEHICLE SYSTEM REP | --- | 324,578 | --- | 270,478 | --- | -54,100 |
| FAMILY OF TACTICAL TRAILERS | --- | 27,619 | --- | 27,619 | --- | --- |
| TRAILERS | --- | 8,424 | --- | 8,424 | --- | --- |
| OTHER SUPPORT | | | | | | |
| ITEMS LESS THAN $5 MILLION | --- | 4,046 | --- | 4,046 | --- | --- |
| TOTAL, SUPPORT VEHICLES | | 383,169 | | 329,069 | | -54,100 |
| ENGINEER AND OTHER EQUIPMENT | | | | | | |
| ENGINEER AND OTHER EQUIPMENT | | | | | | |
| ENVIRONMENTAL CONTROL EQUIP ASSORT | --- | 5,131 | --- | 5,131 | --- | --- |
| BULK LIQUID EQUIPMENT | --- | 9,571 | --- | 9,571 | --- | --- |
| TACTICAL FUEL SYSTEMS | --- | 19,067 | --- | 20,267 | --- | +1,200 |
| POWER EQUIPMENT ASSORTED | --- | 16,501 | --- | 27,301 | --- | +10,800 |
| AMPHIBIOUS SUPPORT EQUIPMENT | --- | 13,239 | --- | 13,239 | --- | --- |
| EOD SYSTEMS | --- | 28,568 | --- | 28,568 | --- | --- |
| MATERIALS HANDLING EQUIPMENT | | | | | | |
| PHYSICAL SECURITY EQUIPMENT | --- | 12,589 | --- | 12,589 | --- | --- |
| GARRISON MOBILE ENGR EQUIP | --- | 11,813 | --- | 11,813 | --- | --- |
| MATERIAL HANDLING EQUIP | --- | 30,758 | --- | 30,758 | --- | --- |
| FIRST DESTINATION TRANSPORTATION | --- | 5,867 | --- | 5,867 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| GENERAL PROPERTY | | | | | | |
| FIELD MEDICAL EQUIPMENT | --- | 6,623 | --- | 9,823 | --- | +3,200 |
| TRAINING DEVICES | --- | 57,476 | --- | 64,276 | --- | +6,800 |
| CONTAINER FAMILY | --- | 4,050 | --- | 4,050 | --- | --- |
| FAMILY OF CONSTRUCTION EQUIPMENT | --- | 22,461 | --- | 22,461 | --- | --- |
| FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV) | --- | 7,987 | --- | 7,987 | --- | --- |
| RAPID DEPLOYABLE KITCHEN | --- | 2,907 | --- | 2,907 | --- | --- |
| OTHER SUPPORT | | | | | | |
| ITEMS LESS THAN $5 MILLION | --- | 8,114 | --- | 8,114 | --- | --- |
| TOTAL, ENGINEER AND OTHER EQUIPMENT | | 262,722 | | 284,722 | | +22,000 |
| SPARES AND REPAIR PARTS | --- | 14,460 | --- | 14,460 | --- | --- |
| TOTAL, PROCUREMENT, MARINE CORPS | | 1,512,765 | | 1,376,917 | | -135,848 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 3 | **LAV PIP LIGHT ARMORED VEHICLE** | **64,526** | **43,526** |
| | C2 upgrade program delay | | -21,000 |
| 8 | **WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION** | **24,220** | **12,987** |
| | Infantry Assault Rifle program delays | | -11,233 |
| 12 | **GROUND BASED AIR DEFENSE** | **12,569** | **5,493** |
| | CAC2S Program Restructure | | -7,076 |
| 15 | **COMBAT OPERATIONS CENTER** | **14,883** | **10,083** |
| | Unit Operations Center Reduction | | -7,000 |
| | Combat Tactical Support Trailer | | 2,200 |
| 17 | **COMBAT SUPPORT SYSTEM** | **34,665** | **35,465** |
| | Portable Armored Wall System for VCP | | 800 |
| 20 | **AIR OPERATIONS COMMAND AND CONTROL SYSTEMS** | **77,978** | **38,639** |
| | CAC2S Program Restructure | | -39,339 |
| 27 | **RADIO SYSTEMS** | **95,845** | **65,845** |
| | Program Reduction Due to Delays and Unobligated Balances | | -30,000 |
| 28 | **COMM SWITCHING & CONTROL SYSTEMS** | **40,639** | **49,539** |
| | IP Distribution Box and Category 5E Cable Upgrades for Improved Combat Operations Communications | | 2,500 |
| | Performance Enhancements for Information Assurance and Information Systems | | 6,400 |
| 36 | **LOGISTICS VEHICLE SYSTEM REP** | **324,578** | **270,478** |
| | Program Delays/Excessive Growth | | -54,100 |
| 42 | **TACTICAL FUEL SYSTEMS** | **19,067** | **20,267** |
| | Nitrile Rubber Collapsible Storage Units | | 1,200 |
| 43 | **POWER EQUIPMENT ASSORTED** | **16,501** | **27,301** |
| | 2kw MTG Diesel Generator Rapid Replenishment | | 800 |
| | On Board Vehicle Power Kits for MTVR | | 10,000 |
| 50 | **FIELD MEDICAL EQUIPMENT** | **6,623** | **9,823** |
| | Combat Casualty Care Equipment Upgrade Program | | 3,200 |
| 51 | **TRAINING DEVICES** | **57,476** | **64,276** |
| | Tactical Video Capture System | | 3,200 |
| | Sniper Training System (STS) | | 3,600 |

COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)

CAC2S is intended to be a modernized, single command and control system designed to replace and consolidate legacy aviation command and air control systems. Since entering the System Design and Demonstration phase in 2002, the program has faced repeated technical hurdles and schedule delays. As a result, the Marine Corps in June altered its acquisition strategy, but did not provide detailed schedules and cost estimates in support of the new acquisition strategy to Congress. The bill provides $10,000,000 for CAC2S in fiscal year 2009, a reduction of $39,339,000, and directs that none of those funds may be obligated until 10 days after the Marine Corps provides updated program details to the congressional defense committees, to include cost estimates and program schedules. It is noted that in the interim, significant amounts of prior year funding remain available to continue the upgrade of legacy systems.

AIRCRAFT PROCUREMENT, AIR FORCE

For Aircraft Procurement, Air Force, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| AIRCRAFT PROCUREMENT, AIR FORCE | | | | | | |
| COMBAT AIRCRAFT | | | | | | |
| TACTICAL FORCES | | | | | | |
| F-35 | 8 | 1,673,787 | 7 | 1,493,586 | -1 | -180,201 |
| F-35 (AP-CY) | --- | 136,904 | --- | 171,904 | --- | +35,000 |
| F-22A | 20 | 3,054,197 | 20 | 2,907,197 | --- | -147,000 |
| F-22A (AP-CY) | --- | --- | --- | 523,000 | --- | +523,000 |
| TOTAL, COMBAT AIRCRAFT | | 4,864,888 | | 5,095,687 | | +230,799 |
| AIRLIFT AIRCRAFT | | | | | | |
| TACTICAL AIRLIFT | | | | | | |
| C-17A (MYP) | --- | 367,554 | --- | 318,754 | --- | -48,800 |
| OTHER AIRLIFT | | | | | | |
| C-130J | --- | --- | --- | 25,000 | --- | +25,000 |
| C-130J ADVANCE PROCUREMENT (CY) | --- | 96,000 | --- | 96,000 | --- | --- |
| HC/MC-130 RECAP | 6 | 507,677 | 6 | 459,677 | --- | -48,000 |
| HC/MC-130 RECAP (AP-CY) | --- | 80,000 | --- | 80,000 | --- | --- |
| KC-X (AP) | --- | 61,660 | --- | --- | --- | -61,660 |
| JOINT CARGO AIRCRAFT | --- | 5,439 | --- | --- | --- | -5,439 |
| ISR AIRCRAFT | --- | --- | --- | 360,000 | --- | +360,000 |
| TOTAL, AIRLIFT AIRCRAFT | | 1,118,330 | | 1,339,431 | | +221,101 |
| TRAINER AIRCRAFT | | | | | | |
| OPERATIONAL TRAINERS | | | | | | |
| JPATS | --- | 33,196 | --- | 27,654 | --- | -5,542 |
| OTHER AIRCRAFT | | | | | | |
| HELICOPTERS | | | | | | |
| CSAR-X (AP-CY) | --- | 15,000 | --- | --- | --- | -15,000 |
| V-22 OSPREY | 6 | 409,027 | 6 | 409,027 | --- | --- |
| V-22 OSPREY (AP-CY) | --- | 14,266 | --- | 14,266 | --- | --- |
| MISSION SUPPORT AIRCRAFT | | | | | | |
| C-37 | --- | --- | 1 | 70,230 | +1 | +70,230 |
| C-29A FLIGHT INSPECTION ACFT | 1 | 31,877 | 1 | 31,877 | --- | --- |
| C-40 | --- | --- | 1 | 88,000 | +1 | +88,000 |
| CIVIL AIR PATROL A/C | --- | 2,435 | --- | 7,435 | --- | +5,000 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER AIRCRAFT | | | | | | |
| TARGET DRONES | --- | 70,576 | --- | 70,576 | --- | --- |
| GLOBAL HAWK | 5 | 658,319 | 5 | 658,319 | --- | --- |
| GLOBAL HAWK (AP-CY) | --- | 53,832 | --- | 53,832 | --- | --- |
| MQ-1 | 38 | 378,703 | 38 | 378,703 | --- | --- |
| MQ-9 | 9 | 161,439 | 9 | 161,439 | --- | --- |
| TOTAL, OTHER AIRCRAFT | | 1,795,474 | | 1,943,704 | | +148,230 |
| MODIFICATION OF INSERVICE AIRCRAFT | | | | | | |
| STRATEGIC AIRCRAFT | | | | | | |
| B-2A | --- | 330,392 | --- | 299,092 | --- | -31,300 |
| B-2A (AP-CY) | --- | --- | --- | 49,800 | --- | +49,800 |
| B-1B | --- | 71,774 | --- | 41,474 | --- | -30,300 |
| B-52 | --- | 41,699 | --- | 41,699 | --- | --- |
| TACTICAL AIRCRAFT | | | | | | |
| A-10 | --- | 144,077 | --- | 144,077 | --- | --- |
| F-15 | --- | 12,326 | --- | 19,726 | --- | +7,400 |
| F-16 | --- | 273,694 | --- | 275,134 | --- | +1,440 |
| F-22A | --- | 327,046 | --- | 327,046 | --- | --- |
| AIRLIFT AIRCRAFT | | | | | | |
| C-5 | --- | 485,484 | --- | 420,096 | --- | -65,388 |
| C-5 (AP-CY) | --- | 97,600 | --- | 50,900 | --- | -46,700 |
| C-17A | --- | 331,535 | --- | 316,336 | --- | -15,199 |
| C-21 | --- | 11,001 | --- | 752 | --- | -10,249 |
| C-32A | --- | 11,373 | --- | 7,373 | --- | -4,000 |
| C-37A | --- | 2,407 | --- | 1,407 | --- | -1,000 |
| TRAINER AIRCRAFT | | | | | | |
| GLIDER MODS | --- | 121 | --- | 121 | --- | --- |
| T6 | --- | 21,122 | --- | 20,755 | --- | -367 |
| T-1 | --- | 25 | --- | 10,274 | --- | +10,249 |
| T-38 | --- | 59,934 | --- | 59,934 | --- | --- |
| T-43 | --- | 2,269 | --- | 2,269 | --- | --- |
| OTHER AIRCRAFT | | | | | | |
| KC-10A (ATCA) | --- | 1,899 | --- | 1,899 | --- | --- |
| C-12 | --- | 468 | --- | 468 | --- | --- |
| C-20 MODS | --- | 1,535 | --- | 1,535 | --- | --- |
| VC-25A MOD | --- | 60,875 | --- | 60,875 | --- | --- |
| C-40 | --- | 9,911 | --- | 5,911 | --- | -4,000 |
| C-130 | --- | 422,814 | --- | 435,814 | --- | +13,000 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| C130J MODS | --- | 59,350 | --- | 34,350 | --- | -25,000 |
| C-135 | --- | 134,188 | --- | 134,188 | --- | --- |
| COMPASS CALL MODS | --- | 24,605 | --- | 24,605 | --- | --- |
| DARP | --- | 106,989 | --- | 106,989 | --- | --- |
| E-3 | --- | 86,468 | --- | 86,468 | --- | --- |
| E-4 | --- | 28,098 | --- | 28,098 | --- | --- |
| E-8 | --- | 30,657 | --- | 30,657 | --- | --- |
| H-1 | --- | 13,200 | --- | 13,200 | --- | --- |
| H-60 | --- | 17,250 | --- | 17,250 | --- | --- |
| GLOBAL HAWK MODS | --- | 103,939 | --- | 103,939 | --- | --- |
| OTHER AIRCRAFT | --- | 151,932 | --- | 146,520 | --- | -5,412 |
| MQ-1 MODS | --- | 148,532 | --- | 148,532 | --- | --- |
| MQ-9 MODS | --- | 24,590 | --- | 24,590 | --- | --- |
| CV-22 MODS | --- | 22,621 | --- | 22,621 | --- | --- |
| OTHER MODIFICATIONS | | | | | | |
| TOTAL, MODIFICATION OF INSERVICE AIRCRAFT | | 3,673,800 | | 3,516,774 | | -157,026 |
| AIRCRAFT SPARES AND REPAIR PARTS | | | | | | |
| INITIAL SPARES/REPAIR PARTS | --- | 257,001 | --- | 248,401 | --- | -8,600 |
| TOTAL, AIRCRAFT SPARES AND REPAIR PARTS | | 257,001 | | 248,401 | | -8,600 |
| AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| COMMON SUPPORT EQUIPMENT | | | | | | |
| COMMON SUPPORT EQUIPMENT | --- | 104,861 | --- | 104,861 | --- | --- |
| POST PRODUCTION SUPPORT | | | | | | |
| B-2A | --- | 36,783 | --- | 36,783 | --- | --- |
| C-5 | --- | 18,210 | --- | 18,210 | --- | --- |
| C-21 | --- | 19,025 | --- | --- | --- | -19,025 |
| EC-130J | --- | 5,382 | --- | 5,382 | --- | --- |
| F-15 POST PRODUCTION SUPPORT | --- | 20,189 | --- | 20,189 | --- | --- |
| F-16 POST PRODUCTION SUPPORT | --- | 13,623 | --- | 13,623 | --- | --- |
| T-6 | --- | 8,841 | --- | --- | --- | -8,841 |
| OTHER AIRCRAFT | --- | 48,593 | --- | 48,593 | --- | --- |
| T-1 POST PRODUCTION SUPPORT | --- | --- | --- | 19,025 | --- | +19,025 |
| INDUSTRIAL PREPAREDNESS | | | | | | |
| INDUSTRIAL PREPAREDNESS | --- | 24,380 | --- | 24,380 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| WAR CONSUMABLES | | | | | | |
| WAR CONSUMABLES | --- | 80,622 | --- | 80,622 | --- | --- |
| OTHER PRODUCTION CHARGES | | | | | | |
| OTHER PRODUCTION CHARGES | --- | 521,357 | --- | 537,357 | --- | +16,000 |
| DARP | | | | | | |
| DARP | --- | 21,028 | --- | 21,028 | --- | --- |
| TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES | | 922,894 | | 930,053 | | +7,159 |
| CLASSIFIED PROGRAMS | --- | 10,913 | --- | 10,913 | --- | --- |
| TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE | | 12,676,496 | | 13,112,617 | | +436,121 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **F-35** | **1,673,787** | **1,493,586** |
| | Procurement Ramp - Defer One Aircraft | | -169,489 |
| | Procurement Ramp - Spares for One Aircraft | | -10,712 |
| 2 | **F-35 (AP-CY)** | **136,904** | **171,904** |
| | Alternate Engine (AP) | | 35,000 |
| 3 | **F-22A** | **3,054,197** | **2,907,197** |
| | Reduction for Last Lot Cost | | -147,000 |
| 4 | **F-22A (AP-CY)** | **0** | **523,000** |
| | Advance Procurement for 20 F-22As | | 523,000 |
| 5 | **C-17A (MYP)** | **367,554** | **318,754** |
| | Excess Engine Spares Requirement | | -40,000 |
| | Air Force Requested Transfer (Note: Air Force requested transfer to AP,AF Line 34) | | -8,800 |
| 6 | **C-130J** | **0** | **25,000** |
| | Air Force Requested Transfer (Note: Air Force requested transfer from AP,AF Line 49) | | 25,000 |
| 8 | **HC/MC-130 RECAP** | **507,677** | **459,677** |
| | Revised Cost Estimates | | -48,000 |
| 10 | **KC-X AP** | **61,660** | **0** |
| | Transferred to the Tanker Replacement Fund | | -61,660 |
| 11 | **JOINT CARGO AIRCRAFT** | **5,439** | **0** |
| | Budgeting Ahead of Need | | -5,439 |
| 11A | **ISR AIRCRAFT** | | **360,000** |
| | Multi-intelligence manned aircraft and sensors | | 360,000 |
| 12 | **JPATS** | **33,196** | **27,654** |
| | Air Force Requested Transfer (Note: Transferred to AP,AF Line 63) | | -5,542 |
| 13 | **CSAR-X (AP-CY)** | **15,000** | **0** |
| | Budgeting Ahead of Need | | -15,000 |
| 15A | **C-37** | | **70,230** |
| | Increase for 1 C-37B Aircraft | | 70,230 |
| 17 | **C-40** | **0** | **88,000** |
| | Increase for 1 C-40 Aircraft | | 88,000 |
| 18 | **CIVIL AIR PATROL A/C** | **2,435** | **7,435** |
| | Civil Air Patrol | | 5,000 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 24 | **B-2A** | **330,392** | **299,092** |
| | Air Force Requested Transfer (Note: Air Force requested transfer from RDTE, AF Line 61) | | 18,500 |
| | Air Force Requested Transfer (Note: Air Force requested transfer to AP,AF Line 24A) | | -49,800 |
| 24A | **B-2A (AP)** | | **49,800** |
| | B-2A Advance Procurement (Note: Air Force requested transfer from AP,AF Line 24) | | 49,800 |
| 25 | **B-1B** | **71,774** | **41,474** |
| | Program Delay (Note: Reduction for Fully Integrated Data Link; Vertical Situation Displays, and Central Integrated Test Sets; $21,400,000 transferred to RDTE,AF Line 59) | | -31,900 |
| | Smart Bomb Rack Unit (S-BRU) Upgrade | | 1,600 |
| 29 | **F-15** | **12,326** | **19,726** |
| | F-15 Improved Radio Communications (ARC 210) | | 2,400 |
| | F-15C/D MSOGS Retrofit | | 5,000 |
| 30 | **F-16** | **273,694** | **275,134** |
| | F-16C Fire Control Computers for the 114th Fighter Wing | | 1,440 |
| 32 | **C-5** | **485,484** | **420,096** |
| | Adjustment Due to Fiscal Year 2007 Unobligated Balance | | -8,988 |
| | Excess to Requirement due to Nunn-McCurdy | | -51,000 |
| | Funded in FY 2008 Supplemental | | -5,400 |
| 33 | **C-5 (AP-CY)** | **97,600** | **50,900** |
| | Adjustment Due to Fiscal Year 2007 Unobligated Balance | | -26,700 |
| | Reduced Fiscal Year 2010 Quantities | | -20,000 |
| 34 | **C-17A** | **331,535** | **316,336** |
| | Improper Pricing on Install Kits | | -7,000 |
| | Air Force Requested Transfer (Note: Air Force requested transfer from AP,AF Line 5) | | 8,800 |
| | Budgeting Ahead of Need | | -16,999 |
| 35 | **C-21** | **11,001** | **752** |
| | Air Force Requested Transfer (Note: Transferred to AP,AF Line 40) | | -10,249 |
| 36 | **C-32A** | **11,373** | **7,373** |
| | Funded in FY 2008 Supplemental | | -4,000 |
| 37 | **C-37A** | **2,407** | **1,407** |
| | Funded in FY 2008 Supplemental | | -1,000 |
| 39 | **T-6** | **21,122** | **20,755** |
| | Air Force Requested Transfer (Note: Transferred to AP,AF Line 63) | | -367 |
| 40 | **T-1** | **25** | **10,274** |
| | Air Force Requested Transfer (Note: Transferred from AP,AF Line 35) | | 10,249 |
| 47 | **C-40** | **9,911** | **5,911** |
| | Funded in FY 2008 Supplemental | | -4,000 |
| 48 | **C-130** | **422,814** | **435,814** |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | USAF Senior Scout Digital Rio Raton ELINT System | | 800 |
| | C-130 Active Noise Cancellation System (ANCS) | | 1,600 |
| | Large Aircraft Infrared Countermeasure for MC-130P aircraft | | 3,200 |
| | Scathe View for NV ANG | | 400 |
| | SENIOR SCOUT Beyond Line-of-Sight SATCOM Data Link | | 7,000 |
| **49** | **C130J MODS** | **59,350** | **34,350** |
| | Air Force Requested Transfer (Note: Transferred to AP,AF Line 6) | | -25,000 |
| **59** | **OTHER AIRCRAFT** | **151,932** | **146,520** |
| | RC-26B Modernization | | 7,200 |
| | Air Force Requested Transfer (Note: Transferred to RDTE,AF, line 214) | | -12,612 |
| **63** | **INITIAL SPARES/REPAIR PARTS** | **257,001** | **248,401** |
| | Air Force Requested Transfer (Note: Transferred from AP,AF Lines 75, 12 & 39) | | 14,700 |
| | Unjustified Requirement | | -14,700 |
| | Reduction due to reduced aircraft buy | | -8,600 |
| **70** | **C-21** | **19,025** | **0** |
| | Air Force Requested Transfer (Note: Transferred to AP,AF Line 77) | | -19,025 |
| **75** | **T-6** | **8,841** | **0** |
| | Air Force Requested Transfer (Note: Transferred to AP,AF Line 63) | | -8,841 |
| **77** | **T-1 POST PRODUCTION SUPPORT** | **0** | **19,025** |
| | Air Force Requested Transfer (Note: Transferred from AP,AF Line 70) | | 19,025 |
| **80** | **OTHER PRODUCTION CHARGES** | **521,357** | **537,357** |
| | Litening Targeting Pod Upgrades | | 16,000 |

MISSILE PROCUREMENT, AIR FORCE

For Missile Procurement, Air Force, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| MISSILE PROCUREMENT, AIR FORCE | | | | | | |
| BALLISTIC MISSILES | | | | | | |
| MISSILE REPLACEMENT EQUIPMENT - BALLISTIC | | | | | | |
| MISSILE REPLACEMENT EQ-BALLISTIC | --- | 26,658 | --- | 26,658 | --- | --- |
| OTHER MISSILES | | | | | | |
| TACTICAL | | | | | | |
| JASSM | 260 | 240,295 | 175 | 200,295 | -85 | -40,000 |
| SIDEWINDER (AIM-9X) | 275 | 77,223 | 275 | 77,223 | --- | --- |
| AMRAAM | 281 | 294,746 | 143 | 204,446 | -138 | -90,300 |
| PREDATOR HELLFIRE MISSILE | 642 | 63,585 | 642 | 63,585 | --- | --- |
| SMALL DIAMETER BOMB | 2,612 | 133,209 | 2,612 | 133,209 | --- | --- |
| INDUSTRIAL FACILITIES | | | | | | |
| INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION | --- | 2,408 | --- | 2,408 | --- | --- |
| TOTAL, OTHER MISSILES | | 811,466 | | 681,166 | | -130,300 |
| MODIFICATION OF INSERVICE MISSILES | | | | | | |
| CLASS IV | | | | | | |
| ADVANCED CRUISE MISSILE | --- | 42 | --- | 42 | --- | --- |
| MM III MODIFICATIONS | --- | 296,354 | --- | 296,354 | --- | --- |
| AGM-65D MAVERICK | --- | 256 | --- | 256 | --- | --- |
| AIR LAUNCH CRUISE MISSILE | --- | 10,150 | --- | 10,150 | --- | --- |
| TOTAL, MODIFICATION OF INSERVICE MISSILES | | 306,802 | | 306,802 | | --- |
| SPARES AND REPAIR PARTS | | | | | | |
| INITIAL SPARES/REPAIR PARTS | --- | 26,923 | --- | 26,923 | --- | --- |
| OTHER SUPPORT | | | | | | |
| SPACE PROGRAMS | | | | | | |
| ADVANCED EHF | --- | 16,564 | --- | 16,564 | --- | --- |
| ADVANCED EHF (AP-CY) | --- | --- | --- | 150,000 | --- | +150,000 |
| WIDEBAND GAPFILLER SATELLITES | --- | 22,492 | --- | 22,492 | --- | --- |
| SPACEBORNE EQUIP (COMSEC) | --- | 17,407 | --- | 17,407 | --- | --- |
| GLOBAL POSITIONING (SPACE) | --- | 108,043 | --- | 108,043 | --- | --- |
| GLOBAL POSITIONING (SPACE) (AP-CY) | --- | 2,400 | --- | 2,400 | --- | --- |
| NUDET DETECTION SYSTEM | --- | 1,250 | --- | 1,250 | --- | --- |
| DEF METEOROLOGICAL SAT PROG (SPACE) | --- | 99,788 | --- | 99,788 | --- | --- |
| EVOLVED EXPENDABLE LAUNCH VEH (SPACE) | 4 | 1,205,278 | 4 | 1,357,278 | --- | +152,000 |
| MEDIUM LAUNCH VEHICLE (SPACE) | --- | 5,756 | --- | 5,756 | --- | --- |
| SPACE BASED INFRARED SYSTEM (SBIRS) HIGH | 2 | 1,664,043 | 2 | 1,664,043 | --- | --- |
| SBIR HIGH (SPACE) (AP-CY) | --- | 54,000 | --- | 54,000 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SPECIAL PROGRAMS | | | | | | |
| DEFENSE SPACE RECONN PROGRAM | --- | 158,966 | --- | 158,966 | --- | --- |
| SPECIAL UPDATE PROGRAMS | --- | 212,515 | --- | 212,515 | --- | --- |
| TOTAL, OTHER SUPPORT | | 3,568,502 | | 3,870,502 | | +302,000 |
| CLASSIFIED PROGRAMS | --- | 796,377 | --- | 530,377 | --- | -266,000 |
| TOTAL, MISSILE PROCUREMENT, AIR FORCE | | 5,536,728 | | 5,442,428 | | -94,300 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 2 | **JASSM** | **240,295** | **200,295** |
| | Transferred to RDTE, AF Line 132 for JASSM-ER | | -20,000 |
| | Maintain Production Ramp | | -20,000 |
| 4 | **AMRAAM** | **294,746** | **204,446** |
| | Program Delay (Note: Funds 143 missiles and telemetry units and no more than $17,730,000 for DMS) | | -90,300 |
| 16 | **ADVANCED EHF (AP-CY)** | **0** | **150,000** |
| | AEHF-4 Advance Procurement | | 150,000 |
| 26 | **EVOLVED EXPENDABLE LAUNCH VEH (SPACE)** | **1,205,278** | **1,357,278** |
| | EELV - ELC (Note: Transfer from the NRO) | | 216,000 |
| | GPS IIF-7 Launch | | -64,000 |

MINUTEMAN III MOTOR LIFE EXTENSION PROGRAM

The House and the Senate Committees on Appropriations are awaiting an Air Force report requested in Senate Report 110–155 accompanying the Department of Defense Appropriations Act for Fiscal Year 2008, on the capability of the defense industrial base to maintain, modernize, and sustain the Minuteman III system until 2030, and on the industrial base's capability to replace the Minuteman III with a follow-on land-based strategic deterrent system after 2030. In the interim, the Air Force is encouraged, at a minimum, to continue a warm line status for Minuteman III propulsion systems and to use funds provided for fiscal year 2009 to initiate a Minuteman III motor life extension program.

PROCUREMENT OF AMMUNITION, AIR FORCE

For Procurement of Ammunition, Air Force, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PROCUREMENT OF AMMUNITION, AIR FORCE | | | | | | |
| PROCUREMENT OF AMMO, AIR FORCE | | | | | | |
| ROCKETS | --- | 29,436 | --- | 25,103 | --- | -4,333 |
| CARTRIDGES | --- | 150,815 | --- | 151,215 | --- | +400 |
| BOMBS | | | | | | |
| PRACTICE BOMBS | --- | 24,590 | --- | 24,590 | --- | --- |
| GENERAL PURPOSE BOMBS | --- | 149,695 | --- | 135,426 | --- | -14,269 |
| JOINT DIRECT ATTACK MUNITION | 3,647 | 105,719 | 3,647 | 105,719 | --- | --- |
| FLARE, IR MJU-7B CAD/PAD | --- | 38,190 | --- | 38,190 | --- | --- |
| EXPLOSIVE ORDINANCE DISPOSAL (EOD) | --- | 3,246 | --- | 3,246 | --- | --- |
| SPARES AND REPAIR PARTS | --- | 4,618 | --- | 4,618 | --- | --- |
| MODIFICATIONS | --- | 1,235 | --- | 1,235 | --- | --- |
| ITEMS LESS THAN $5,000,000 | --- | 2,477 | --- | 2,477 | --- | --- |
| FUZES | | | | | | |
| FLARES | --- | 304,159 | --- | 287,349 | --- | -16,810 |
| FUZES | --- | 72,133 | --- | 72,133 | --- | --- |
| TOTAL, PROCUREMENT OF AMMO, AIR FORCE | | 886,313 | | 851,301 | | -35,012 |
| WEAPONS | | | | | | |
| SMALL ARMS | --- | 8,165 | --- | 8,165 | --- | --- |
| TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE | | 894,478 | | 859,466 | | -35,012 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **ROCKETS** | **29,436** | **25,103** |
| | 2.75 inch Rocket Motor (Note: Improper Inflation Adjustment) | | -1,333 |
| | 2.75 inch White Phosphorus War Head (Note: Improper Inflation Adjustment) | | -3,000 |
| 2 | **CARTRIDGES** | **150,815** | **151,215** |
| | 30MM Target Practice Load Assemble Pack (Note: Improper Inflation Adjustment) | | -2,000 |
| | PGU-14 API Armor Piercing Incendiary, 30MM Ammunition | | 2,400 |
| 4 | **GENERAL PURPOSE BOMBS** | **149,695** | **135,426** |
| | BLU-109 2000 LB Hard Target Bomb (Note: Improper Inflation Adjustment) | | -6,375 |
| | BLU-117 Bomb Body and Load Assemble/Pack (Note: Improper Inflation Adjustment) | | -9,494 |
| | McAlester Army Ammunition Plant Bomb Line Modernization | | 1,600 |
| 13 | **FLARES** | **304,159** | **287,349** |
| | M206, MJU-10/B and MJU-7A/B IR Flares (Note: Improper Inflation Adjustment) | | -16,811 |

OTHER PROCUREMENT, AIR FORCE

For Other Procurement, Air Force, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER PROCUREMENT, AIR FORCE | | | | | | |
| VEHICULAR EQUIPMENT | | | | | | |
| PASSENGER CARRYING VEHICLES | | | | | | |
| PASSENGER CARRYING VEHICLE | --- | 17,662 | --- | 17,662 | --- | --- |
| CARGO + UTILITY VEHICLES | | | | | | |
| FAMILY MEDIUM TACTICAL VEHICLE | --- | 23,002 | --- | 23,002 | --- | --- |
| CAP VEHICLES | --- | 889 | --- | 889 | --- | --- |
| SPECIAL PURPOSE VEHICLES | | | | | | |
| SECURITY AND TACTICAL VEHICLES | --- | 30,597 | --- | 16,597 | --- | -14,000 |
| FIRE FIGHTING EQUIPMENT | | | | | | |
| FIRE FIGHTING/CRASH RESCUE VEHICLES | --- | 27,020 | --- | 27,020 | --- | --- |
| MATERIALS HANDLING EQUIPMENT | | | | | | |
| HALVERSEN LOADER | --- | --- | --- | 1,600 | --- | +1,600 |
| BASE MAINTENANCE SUPPORT | | | | | | |
| RUNWAY SNOW REMOVAL & CLEANING EQUIP | --- | 23,051 | --- | 23,051 | --- | --- |
| ITEMS LESS THAN $5M | --- | 39,984 | --- | 39,984 | --- | --- |
| TOTAL, VEHICULAR EQUIPMENT | | 162,205 | | 149,805 | | -12,400 |
| ELECTRONICS AND TELECOMMUNICATIONS EQUIP | | | | | | |
| COMM SECURITY EQUIPMENT(COMSEC) | | | | | | |
| COMSEC EQUIPMENT | --- | 137,914 | --- | 137,914 | --- | --- |
| MODIFICATIONS (COMSEC) | --- | 1,557 | --- | 1,557 | --- | --- |
| INTELLIGENCE PROGRAMS | | | | | | |
| INTELLIGENCE TRAINING EQUIPMENT | --- | 2,671 | --- | 2,671 | --- | --- |
| INTELLIGENCE COMM EQUIP | --- | 15,441 | --- | 20,941 | --- | +5,500 |
| ELECTRONICS PROGRAMS | | | | | | |
| TRAFFIC CONTROL/LANDING | --- | 9,832 | --- | 10,592 | --- | +760 |
| NATIONAL AIRSPACE SYSTEM | --- | 47,224 | --- | 47,224 | --- | --- |
| THEATER AIR CONTROL SYS IMPRO | --- | 68,502 | --- | 68,502 | --- | --- |
| WEATHER OBSERVATION FORECAST | --- | 29,377 | --- | 32,377 | --- | +3,000 |
| STRATEGIC COMMAND AND CONTROL | --- | 53,739 | --- | 53,739 | --- | --- |
| CHEYENNE MOUNTAIN COMPLEX | --- | 13,662 | --- | 13,662 | --- | --- |
| DRUG INTERDICTION SUPPORT | --- | 950 | --- | 950 | --- | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| SPECIAL COMM-ELECTRONICS PROJECTS | | | | | | |
| GENERAL INFORMATION TECHNOLOGY | --- | 100,052 | --- | 104,852 | --- | +4,800 |
| AF GLOBAL COMMAND & CONTROL SYSTEM | --- | 16,148 | --- | 16,148 | --- | --- |
| MOBILITY COMMAND AND CONTROL | --- | 10,475 | --- | 10,475 | --- | --- |
| AIR FORCE PHYSICAL SECURITY SYSTEM | --- | 57,728 | --- | 60,800 | --- | +3,072 |
| COMBAT TRAINING RANGES | --- | 55,315 | --- | 83,315 | --- | +28,000 |
| MINIMUM ESSENTIAL EMERGENCY COM | --- | 1 | --- | --- | --- | -1 |
| C3 COUNTERMEASURES | --- | 7,754 | --- | 7,754 | --- | --- |
| GCSS-AF FOS | --- | 55,783 | --- | 40,783 | --- | -15,000 |
| THEATER BATTLE MGT C2 SYS | --- | 22,525 | --- | 24,925 | --- | +2,400 |
| AIR OPERATIONS CENTER (AOC) | --- | 35,050 | --- | 35,050 | --- | --- |
| AIR FORCE COMMUNICATIONS | | | | | | |
| BASE INFORMATION INFRASTRUCTURE | --- | 337,190 | --- | 340,190 | --- | +3,000 |
| USCENTCOM | --- | 42,677 | --- | 42,677 | --- | --- |
| DISA PROGRAMS | | | | | | |
| SPACE BASED IR SENSOR PROG SPACE | --- | 80,405 | --- | 80,405 | --- | --- |
| NAVSTAR GPS SPACE | --- | 25,526 | --- | 25,526 | --- | --- |
| NUDET DETECTION SYS (NDS) SPACE | --- | 27,626 | --- | 27,626 | --- | --- |
| AF SATELLITE CONTROL NETWORK SPACE | --- | 65,383 | --- | 65,383 | --- | --- |
| SPACELIFT RANGE SYSTEM SPACE | --- | 101,983 | --- | 101,983 | --- | --- |
| MILSATCOM SPACE | --- | 106,323 | --- | 106,323 | --- | --- |
| SPACE MODS SPACE | --- | 23,121 | --- | 23,121 | --- | --- |
| COUNTERSPACE SYSTEM | --- | 29,232 | --- | 29,232 | --- | --- |
| ORGANIZATION AND BASE | | | | | | |
| TACTICAL C-E EQUIPMENT | --- | 293,153 | --- | 225,553 | --- | -67,600 |
| COMBAT SURVIVOR EVADER LOCATER | --- | 26,878 | --- | 26,878 | --- | --- |
| RADIO EQUIPMENT | --- | 13,463 | --- | 13,463 | --- | --- |
| CCTV/AUDIOVISUAL EQUIPMENT | --- | 7,423 | --- | 7,423 | --- | --- |
| BASE COMM INFRASTRUCTURE | --- | 135,808 | --- | 136,508 | --- | +700 |
| MODIFICATIONS | | | | | | |
| COMM ELECT MODS | --- | 33,258 | --- | 33,258 | --- | --- |
| TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP. | | 2,091,149 | | 2,059,780 | | -31,369 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER BASE MAINTENANCE AND SUPPORT EQUIP | | | | | | |
| PERSONAL SAFETY AND RESCUE EQUIP | | | | | | |
| NIGHT VISION GOGGLES | --- | 18,626 | --- | 18,626 | --- | --- |
| DEPOT PLANT + MATERIALS HANDLING EQ | | | | | | |
| MECHANIZED MATERIAL HANDLING | --- | 21,573 | --- | 21,573 | --- | --- |
| BASE SUPPORT EQUIPMENT | | | | | | |
| BASE PROCURED EQUIPMENT | --- | 17,038 | --- | 25,054 | --- | +8,016 |
| AIR BASE OPERABILITY | --- | 6,483 | --- | 6,483 | --- | --- |
| PRODUCTIVITY CAPITAL INVESTMENT | --- | 3,021 | --- | 3,021 | --- | --- |
| MOBILITY EQUIPMENT | --- | 26,459 | --- | 26,459 | --- | --- |
| ITEMS LESS THAN $5M (BASE SUPPORT) | --- | 14,237 | --- | 15,237 | --- | +1,000 |
| SPECIAL SUPPORT PROJECTS | | | | | | |
| DARP RC135 | --- | 22,924 | --- | 22,924 | --- | --- |
| DARP, MRIGS | --- | 251,805 | --- | 251,805 | --- | --- |
| SPECIAL UPDATE PROGRAM | --- | 410,370 | --- | 410,370 | --- | --- |
| DEFENSE SPACE RECONNAISSANCE PROGRAM | --- | 15,805 | --- | 15,805 | --- | --- |
| TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP | | 808,341 | | 817,357 | | +9,016 |
| SPARE AND REPAIR PARTS | | | | | | |
| SPARES AND REPAIR PARTS | --- | 25,616 | --- | 25,616 | --- | --- |
| CLASSIFIED PROGRAMS | --- | 13,041,085 | --- | 13,000,011 | --- | -41,074 |
| TOTAL, OTHER PROCUREMENT, AIR FORCE | | 16,128,396 | | 16,052,569 | | -75,827 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 7 | **SECURITY AND TACTICAL VEHICLES** | **30,597** | **16,597** |
| | Reduce Program Growth | | -14,000 |
| 9 | **HALVERSEN LOADER** | **0** | **1,600** |
| | Halvorsen Loader | | 1,600 |
| 16 | **INTELLIGENCE COMM EQUIP** | **15,441** | **20,941** |
| | Force Protection Surveillance System | | 2,000 |
| | Hawaii ANG Eagle Vision One Meter SAR and Communications Upgrades | | 3,500 |
| 17 | **TRAFFIC CONTROL/LANDING** | **9,832** | **10,592** |
| | Camp Ripley, Minnesota Aircraft Landing System | | 760 |
| 20 | **WEATHER OBSERVATION FORECAST** | **29,377** | **32,377** |
| | Observation Systems for the 21st Century | | 3,000 |
| 24 | **GENERAL INFORMATION TECHNOLOGY** | **100,052** | **104,852** |
| | ANG-Combat Communications on the Move | | 1,600 |
| | Information Modernization for Processing with Advanced Coating Technologies (IMPACT) | | 1,600 |
| | Secure Network Infrastructure - Toledo ANG | | 800 |
| | Science, Engineering, and Laboratory Data Integration (SELDI) | | 800 |
| 27 | **AIR FORCE PHYSICAL SECURITY SYSTEM** | **57,728** | **60,800** |
| | Air Force Plant 4 (AFP 4) Physical Security Enhancements | | 2,072 |
| | MacDill AFB Waterside Security System | | 1,000 |
| 28 | **COMBAT TRAINING RANGES** | **55,315** | **83,315** |
| | Joint National Training Capability-Red Flag/Northern Edge Training Range Enhancements | | 8,000 |
| | Training Range Enhancements | | 16,000 |
| | Unmanned Threat Emitter (UMTE) Modernization | | 4,000 |
| 29 | **MINIMUM ESSENTIAL EMERGENCY COM** | **1** | **0** |
| | Inflation adjustment | | -1 |
| 31 | **GCSS-AF FOS** | **55,783** | **40,783** |
| | Excess Funding/Unjustified Growth | | -15,000 |
| 32 | **THEATER BATTLE MGT C2 SYS** | **22,525** | **24,925** |
| | Tactical Air Control Extreme Shelter Program | | 2,400 |

| | | | |
|---|---|---|---|
| **34** | **BASE INFORMATION INFRASTRUCTURE** | **337,190** | **340,190** |
| | NORAD and USNORTHCOM Interoperable Communications | | 3,000 |
| **44** | **TACTICAL C-E EQUIPMENT** | **293,153** | **225,553** |
| | Laser Targeting Devices - Unjustified Program Growth | | -70,000 |
| | ROVER Combat Operations Support | | 2,400 |
| **49** | **BASE COMM INFRASTRUCTURE** | **135,808** | **136,508** |
| | Alaskan NORAD Region Communications Survivability and Diversity | | 700 |
| **54** | **BASE PROCURED EQUIPMENT** | **17,038** | **25,054** |
| | Base Low-cost Integrated Surveillance System | | 4,000 |
| | Laser Marksmanship Training System (LMTS) | | 2,400 |
| | Nanotechnology Equipment for Laboratories | | 800 |
| | Revitalize Buckley AFB Small Arms Training Range | | 816 |
| **59** | **ITEMS LESS THAN $5M (BASE SUPPORT)** | **14,237** | **15,237** |
| | Life Support Radio Test Sets for the Air National Guard | | 1,000 |

OTHER PROCUREMENT, AIR FORCE BUDGET JUSTIFICATION DOCUMENTS

During its budget review, the congressional defense committees rely on justification documents. It is critical that these budget justifications adhere to the guidelines set forth in Department of Defense Financial Management Regulations (FMR). The regulations clearly state that all exhibits must include production schedules and, when appropriate, both quantity and unit cost information. The Other Procurement, Air Force (OPAF) justification book for fiscal year 2009 includes few production schedules, and most P–5 forms omit quantity and unit cost information. In order to remedy these ommissions, the Air Force is directed to take corrective actions to ensure its justification books fully comply with FMR regulations.

PROCUREMENT, DEFENSE-WIDE

For Procurement, Defense-Wide, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| PROCUREMENT, DEFENSE-WIDE | | | | | | |
| MAJOR EQUIPMENT | | | | | | |
| MAJOR EQUIPMENT, OSD | | | | | | |
| MAJOR EQUIPMENT, OSD | --- | 105,946 | --- | 105,946 | --- | --- |
| MAJOR EQUIPMENT, NSA | | | | | | |
| INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) | --- | 4,505 | --- | 4,505 | --- | --- |
| MAJOR EQUIPMENT, WHS | | | | | | |
| MAJOR EQUIPMENT, WHS | --- | 26,649 | --- | 26,649 | --- | --- |
| MAJOR EQUIPMENT, DISA | | | | | | |
| INFORMATION SYSTEMS SECURITY | --- | 54,934 | --- | 48,734 | --- | -6,200 |
| GLOBAL COMMAND AND CONTROL SYS | --- | 10,973 | --- | 10,973 | --- | --- |
| GLOBAL COMBAT SUPPORT SYSTEM | --- | 2,788 | --- | 2,788 | --- | --- |
| TELEPORT PROGRAM | --- | 15,062 | --- | 15,062 | --- | --- |
| ITEMS LESS THAN $5M | --- | 121,296 | --- | 111,296 | --- | -10,000 |
| NET CENTRIC ENTERPRISE SERVICES (NCES) | --- | 36,765 | --- | 36,765 | --- | --- |
| DEFENSE INFORMATION SYSTEMS NETWORK | --- | 90,328 | --- | 90,328 | --- | --- |
| PUBLIC KEY INFRASTRUCTURE | --- | 1,894 | --- | 1,894 | --- | --- |
| JOINT COMMAND AND CONTROL PROGRAM | --- | 7,952 | --- | 4,000 | --- | -3,952 |
| CYBER SECURITY INITIATIVE | --- | 19,100 | --- | 19,100 | --- | --- |
| MAJOR EQUIPMENT, DLA | | | | | | |
| MAJOR EQUIPMENT | --- | 8,789 | --- | 8,789 | --- | --- |
| MAJOR EQUIPMENT, DCAA | | | | | | |
| MAJOR EQUIPMENT ITEMS LESS THAN $5M | --- | 1,523 | --- | 3,923 | --- | +2,400 |
| MAJOR EQUIPMENT, TJS | | | | | | |
| MAJOR EQUIPMENT, TJS | --- | 25,897 | --- | 29,097 | --- | +3,200 |
| MAJOR EQUIPMENT, DHRA | | | | | | |
| PERSONNEL ADMINISTRATION | --- | 19,214 | --- | 10,014 | --- | -9,200 |
| DEFENSE THREAT REDUCTION AGENCY | | | | | | |
| OTHER MAJOR EQUIPMENT | --- | 5,621 | --- | 5,621 | --- | --- |
| MAJOR EQUIPMENT, DODDE | | | | | | |
| AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS | --- | 1,498 | --- | 1,498 | --- | --- |
| MAJOR EQUIPMENT, DCMA | | | | | | |
| MAJOR EQUIPMENT | --- | 2,149 | --- | 2,149 | --- | --- |
| MAJOR EQUIPMENT, DTSA | | | | | | |
| MAJOR EQUIPMENT | --- | 436 | --- | 436 | --- | --- |
| MAJOR EQUIPMENT, BTA | | | | | | |
| MAJOR EQUIPMENT, BTA | --- | 689 | --- | 689 | --- | --- |
| MAJOR EQUIPMENT, DMACT | | | | | | |
| A - WEAPON SYSTEM COST | 3 | 11,158 | 3 | 11,158 | --- | --- |
| TOTAL, MAJOR EQUIPMENT | | 575,166 | | 551,414 | | -23,752 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|
| | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| SPECIAL OPERATIONS COMMAND | | | | | | |
| AVIATION PROGRAMS | | | | | | |
| SOF ROTARY WING UPGRADES AND SUSTAINMENT | --- | 51,950 | --- | 51,950 | --- | --- |
| MH-47 SLEP | --- | 63,667 | --- | 63,667 | --- | --- |
| MH-60 SOF MODERNIZATION PROGRAM | --- | 98,163 | --- | 135,563 | --- | +37,400 |
| NON-STANDARD AVIATION | 6 | 39,172 | 6 | 39,172 | --- | --- |
| SOF TANKER RECAPITALIZATION | --- | 36,286 | --- | 11,286 | --- | -25,000 |
| SOF U-28 | --- | 7,659 | --- | 7,659 | --- | --- |
| CV-22 SOF MODIFICATION | 6 | 162,971 | 6 | 162,971 | --- | --- |
| C-130 MODIFICATIONS | --- | 47,018 | --- | 33,277 | --- | -13,741 |
| AIRCRAFT SUPPORT | --- | 1,347 | --- | 1,347 | --- | --- |
| SHIPBUILDING | | | | | | |
| ADVANCED SEAL DELIVERY SYS (ASDS) | --- | 5,760 | --- | 5,760 | --- | --- |
| MK VIII MOD 1 - SEAL DELIVERY VEH | --- | 7,061 | --- | 7,061 | --- | --- |
| AMMUNITION PROGRAMS | | | | | | |
| SOF ORDNANCE REPLENISHMENT | --- | 67,083 | --- | 67,083 | --- | --- |
| SOF ORDNANCE ACQUISITION | --- | 5,540 | --- | 12,540 | --- | +7,000 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER PROCUREMENT PROGRAMS | | | | | | |
| COMM EQUIPMENT & ELECTRONICS | --- | 67,220 | --- | 73,220 | --- | +6,000 |
| SOF INTELLIGENCE SYSTEMS | --- | 54,122 | --- | 56,122 | --- | +2,000 |
| SMALL ARMS & WEAPONS | --- | 15,689 | --- | 23,489 | --- | +7,800 |
| MARITIME EQUIPMENT MODS | --- | 1,265 | --- | 1,265 | --- | --- |
| SPECIAL APPLICATIONS FOR CONTINGENCIES | --- | 12,484 | --- | 12,484 | --- | --- |
| SOF COMBATANT CRAFT SYSTEMS | --- | 18,795 | --- | 21,675 | --- | +2,880 |
| SPARES AND REPAIR PARTS | --- | 3,272 | --- | 3,272 | --- | --- |
| TACTICAL VEHICLES | --- | 3,702 | --- | 3,702 | --- | --- |
| MISSION TRAINING AND PREPARATIONS SYSTEMS | --- | 34,151 | --- | 36,151 | --- | +2,000 |
| COMBAT MISSION REQUIREMENTS | --- | 21,593 | --- | 20,000 | --- | -1,593 |
| MILCON COLLATERAL EQUIPMENT | --- | 11,722 | --- | 11,722 | --- | --- |
| UNMANNED VEHICLES | --- | 27,194 | --- | 55,561 | --- | +28,367 |
| SOF AUTOMATION SYSTEMS | --- | 55,248 | --- | 55,248 | --- | --- |
| SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES | --- | 15,862 | --- | 15,862 | --- | --- |
| SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE | --- | 25,892 | --- | 25,892 | --- | --- |
| SOF SOLDIER PROTECTION AND SURVIVAL SYSTEMS | --- | 15,455 | --- | 19,455 | --- | +4,000 |
| SOF VISUAL AUGMENTATION, LASERS AND SENSOR SY | --- | 30,201 | --- | 25,351 | --- | -4,850 |
| SOF TACTICAL RADIO SYSTEMS | --- | 33,966 | --- | 23,566 | --- | -10,400 |
| SOF MARITIME EQUIPMENT | --- | 13,450 | --- | 13,450 | --- | --- |
| MISCELLANEOUS EQUIPMENT | --- | 15,331 | --- | 15,331 | --- | --- |
| SOF OPERATIONAL ENHANCEMENTS | --- | 315,443 | --- | 319,443 | --- | +4,000 |
| PSYOP EQUIPMENT | --- | 64,778 | --- | 55,778 | --- | -9,000 |
| TOTAL, SPECIAL OPERATIONS COMMAND | | 1,450,512 | | 1,487,375 | | +36,863 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| CHEMICAL/BIOLOGICAL DEFENSE | | | | | | |
| CBDP | | | | | | |
| INSTALLATION FORCE PROTECTION | --- | 88,565 | --- | 88,565 | --- | --- |
| INDIVIDUAL PROTECTION | --- | 80,211 | --- | 80,211 | --- | --- |
| DECONTAMINATION | --- | 22,299 | --- | 25,579 | --- | +3,280 |
| JOINT BIOLOGICAL DEFENSE PROGRAM | --- | 38,702 | --- | 38,702 | --- | --- |
| COLLECTIVE PROTECTION | --- | 37,784 | --- | 37,784 | --- | --- |
| CONTAMINATION AVOIDANCE | --- | 199,610 | --- | 186,160 | --- | -13,450 |
| TOTAL, CHEMICAL/BIOLOGICAL DEFENSE | | 467,171 | | 457,001 | | -10,170 |
| MISSILE DEFENSE | --- | --- | --- | 162,100 | --- | +162,100 |
| CLASSIFIED PROGRAMS | --- | 671,379 | --- | 648,379 | --- | -23,000 |
| TOTAL, PROCUREMENT, DEFENSE-WIDE | | 3,164,228 | | 3,306,269 | | +142,041 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 11 | **INFORMATION SYSTEMS SECURITY** | **54,934** | **48,734** |
| | SIPRNET Access Control | | -3,000 |
| | Risk Assessment Tools | | -3,200 |
| 16 | **ITEMS LESS THAN $5M** | **121,296** | **111,296** |
| | Stabilize Tech Refresh Activities | | -10,000 |
| 21 | **JOINT COMMAND AND CONTROL PROGRAM** | **7,952** | **4,000** |
| | Authorization Adjustment | | -3,952 |
| 34 | **MAJOR EQUIPMENT ITEMS LESS THAN $5M** | **1,523** | **3,923** |
| | Electronic Warfare Simulator | | 2,400 |
| 35 | **MAJOR EQUIPMENT, THE JOINT STAFF** | **25,897** | **29,097** |
| | Expansion of the Mobile Forensic Laboratories and Forensic Technical Assistance and Training Support Center of Excellence | | 3,200 |
| 36 | **PERSONNEL ADMINISTRATION** | **19,214** | **10,014** |
| | Reduction to Growth | | -9,200 |
| 50 | **MH-60 SOF MODERNIZATION PROGRAM** | **98,163** | **135,563** |
| | SIRFC Radar Warning Receivers | | 37,400 |
| 52 | **SOF TANKER RECAPITALIZATION** | **36,286** | **11,286** |
| | Forward-funded in FY2008 Supplemental | | -25,000 |
| 57 | **C-130 MODIFICATIONS** | **47,018** | **33,277** |
| | 30mm Gun Termination | | -13,741 |
| 62 | **SOF ORDNANCE ACQUISITION** | **5,540** | **12,540** |
| | 40mm AC-130 Ammunition | | 7,000 |
| 63 | **COMMUNICATIONS EQUIPMENT & ELECTRONICS** | **67,220** | **73,220** |
| | SOF Deployable Nodes-M / SOF Tactical Assured Connectivity System | | 6,000 |
| 64 | **SOF INTELLIGENCE SYSTEMS** | **54,122** | **56,122** |
| | Final-E-Curfew, Mid Range Radio Frequency Operations | | 1,600 |
| | Simple Imagery Access with FalconView | | 400 |
| 65 | **SMALL ARMS & WEAPONS** | **15,689** | **23,489** |
| | LA-5/PEQ Integrated Small Arms Illuminator | | 1,200 |
| | MK47 Mod 0 Advanced Lightweight Grenade Launcher | | 3,600 |
| | SOF Combat Assault Rifle | | 3,000 |
| 69 | **SOF COMBATANT CRAFT SYSTEMS** | **18,795** | **21,675** |
| | Special Operations Craft-Riverine | | 2,880 |
| 73 | **MISSION TRAINING AND PREPARATIONS SYSTEMS** | **34,151** | **36,151** |
| | Small Arms Training Ranges | | 2,000 |
| 74 | **COMBAT MISSION REQUIREMENTS** | **21,593** | **20,000** |
| | Reduction to Growth | | -1,593 |

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 76 | **UNMANNED VEHICLES** | **27,194** | **55,561** |
| | Vehicle Craft Unmanned Aircraft System | | -4,633 |
| | SOF Equipment for MQ-9 | | 20,000 |
| | Medium Unmanned Aerial Vehicle | | 13,000 |
| 81 | **SOF SOLDIER PROTECTION AND SURVIVAL SYSTEMS** | **15,455** | **19,455** |
| | Tactical Combat Casualty Care Kits (TCCC) | | 4,000 |
| 82 | **SOF VISUAL AUGMENTATION, LASERS AND SENSOR SYSTEM** | **30,201** | **25,351** |
| | Precision Laser Targeting Device | | -4,750 |
| | SOCOM requested transfer to R-243 for Precision Laser Targeting Device | | -5,000 |
| | SOVAS Hand Held Imager/Long Range | | 2,400 |
| | SOVAS Hand Held Imager/Pocket | | 2,500 |
| 83 | **SOF TACTICAL RADIO SYSTEMS** | **33,966** | **23,566** |
| | Multiband Inter/Intra Team Radio | | -12,000 |
| | Multi-Band Multi-Mission Radio (MBMMR) | | 1,600 |
| 87 | **SOF OPERATIONAL ENHANCEMENTS** | **315,443** | **319,443** |
| | Mission Helmet Recording System | | 2,400 |
| | M53 Individual Protective Mask | | 1,600 |
| 88 | **PSYOP EQUIPMENT** | **64,778** | **55,778** |
| | Underexecution on Next Generation Loudspeaker System | | -9,000 |
| 91 | **DECONTAMINATION** | **22,299** | **25,579** |
| | Reactive Skin Decontamination Lotion | | 3,280 |
| 94 | **CONTAMINATION AVOIDANCE** | **199,610** | **186,160** |
| | Joint Biological Standoff Detection System | | 4,000 |
| | Joint Chemical Agent Detector | | 4,000 |
| | JNCBRS Increment I Assembly | | -18,950 |
| | JWARN | | -2,500 |
| 95 | **MISSILE DEFENSE AGENCY** | **0** | **162,100** |
| | THAAD Fire Unit #3 and #4 | | 105,000 |
| | SM-3 Block 1A | | 57,100 |

COMBAT MISSION REQUIREMENTS

The Special Operations Command is directed to submit quarterly reports to the congressional defense committees on the use of funds provided in this title for Special Operations Command combat mission requirements.

NATIONAL GUARD AND RESERVE EQUIPMENT

For National Guard and Reserve Equipment, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | RECOMMENDED QTY | RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| NATIONAL GUARD & RESERVE EQUIPMENT | | | | | | |
| RESERVE EQUIPMENT | | | | | | |
| ARMY RESERVE | | | | | | |
| MISCELLANEOUS EQUIPMENT | --- | --- | --- | 52,500 | --- | +52,500 |
| NAVY RESERVE | | | | | | |
| MISCELLANEOUS EQUIPMENT | --- | --- | --- | 37,500 | --- | +37,500 |
| MARINE CORPS RESERVE | | | | | | |
| MISCELLANEOUS EQUIPMENT | --- | --- | --- | 37,500 | --- | +37,500 |
| AIR FORCE RESERVE | | | | | | |
| MISCELLANEOUS EQUIPMENT | --- | --- | --- | 37,500 | --- | +37,500 |
| TOTAL, RESERVE EQUIPMENT | | --- | | 165,000 | | +165,000 |
| NATIONAL GUARD EQUIPMENT | | | | | | |
| ARMY NATIONAL GUARD | | | | | | |
| MISCELLANEOUS EQUIPMENT | --- | --- | --- | 480,000 | --- | +480,000 |
| AIR NATIONAL GUARD | | | | | | |
| MISCELLANEOUS EQUIPMENT | --- | --- | --- | 105,000 | --- | +105,000 |
| TOTAL, NATIONAL GUARD EQUIPMENT | | --- | | 585,000 | | +585,000 |
| TOTAL, NATIONAL GUARD & RESERVE EQUIPMENT | | --- | | 750,000 | | +750,000 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| P-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **ARMY RESERVE** | **0** | **52,500** |
| | MISCELLANEOUS EQUIPMENT | | 52,500 |
| 2 | **NAVY RESERVE** | **0** | **37,500** |
| | MISCELLANEOUS EQUIPMENT | | 37,500 |
| 3 | **MARINE CORPS RESERVE** | **0** | **37,500** |
| | MISCELLANEOUS EQUIPMENT | | 37,500 |
| 4 | **AIR FORCE RESERVE** | **0** | **37,500** |
| | MISCELLANEOUS EQUIPMENT | | 37,500 |
| 5 | **ARMY NATIONAL GUARD** | **0** | **480,000** |
| | MISCELLANEOUS EQUIPMENT | | 480,000 |
| 6 | **AIR NATIONAL GUARD** | **0** | **105,000** |
| | MISCELLANEOUS EQUIPMENT | | 105,000 |

NATIONAL GUARD AND RESERVE EQUIPMENT

The bill provides $750,000,000 for the National Guard and Reserve Equipment Account. Of that amount, $480,000,000 is for the Army National Guard; $105,000,000 for the Air National Guard; $52,500,000 for the U.S. Army Reserve; $37,500,000 for the Navy Reserve; $37,500,000 for the Marine Corps Reserve; and $37,500,000 for the Air Force Reserve to meet urgent equipment needs that may arise this fiscal year.

The funding provided in the National Guard and Reserve Equipment Account shall be executed by the heads of the Guard and reserve components with priority consideration for miscellaneous equipment given to items listed in the ''Essential 10 Equipment Requirements for the National Guard'' as identified by the Chief, National Guard Bureau, and as defined in the unfunded priority list for each reserve component.

This funding will allow the Guard and reserve components to procure high priority items such as: AB-FIST Gunnery Trainer Upgrades; Advanced Targeting Pod Spiral Upgrade Kits; AESA—Scanned Array Radar; AH–64 helicopter conversion from A model to D model; Advanced Mission Extender Device; ARC–220 radios for UH–60 Black Hawks; Ambulance Trucks; AN/AAQ–24 (LAIRCM) for C–17, C–130, and KC–135R; AN/AVS–6; Armored Security Vehicles; Bradley Operation Desert Storm Situational Awareness (ODS SA) hardware kits; Combat Readiness Training Centers (CRTC); Combined Arms Virtual Trainers; Electronic Flight Information System upgrades and MPRS Modification Programs for KC–135R; EPLRS Microlite; Engine Kits to Modify the F 100–PW to the 220E configuration; Fuel Service tank trucks; Defense Advanced GPS Receivers; F–15 Advanced Radar Warning Receiver (RWR) Subset of Eagle Passive Active Warning Survivability System (EPAWSS); F–15 Embedded GPS/INS (EGI); F–15 Joint Helmet Mounted Cueing System (JHMCS); F16 Block 42 Engine Upgrades; F–16 Full Combat Mission Trainer (FCMT); Fuel Catalyst Vehicle Retrofit; HC–130 AN/ARS–6v12 Recovery Systems; HC–130 Multi Function Color Display; Heavy Expanded Mobility Truck Wreckers with winch; Infrared Aircraft Deicing systems; HH–60 Blackhawk medical evacuation helicopters; Integrated Mechanical Diagnostic-Health and Usage Monitoring system; Integrated Terrestrial and Satellite Emergency Communications Capability (ITSECC); Joint Threat Emitter (JTE) Production Acceleration; Large Aircraft Infrared Counter-Measures; M1151 Up-Armored HMMHV; M249 Machine Gun; M2 .50 Caliber Machine Gun; M777A2 Lightweight 155MM Howitzer; Mine Resistant Ambush Protected Vehicle Virtual Trainers; Minuteman Digitization Demonstration; Panoramic Night Vision for HH–60s; Reset additional Bradley Fighting Vehicle System (BFVS) M2/3 ODS vehicles to the BFVS M2/3 ODS SA configuration; Rover III Receiver; Small Scale Joint Service Transportable Decontamination System; T56 engine mod kits; Tactical Cargo Trucks; Tandem Tether Parachutes; Tank Gunnery Trainer, Tank Maneuver Trainer and Tabletop Full-fidelity Trainer (TGT, TMT, and TFT) Tabletop Trainers; Technisonic TDFM–6148; UH–60 A to L conversions; Telepresent Rapid Aiming Platform (TRAP); UHF/VHF radios; Upgrade of Eagle Vision VI; VCC+ (Very High Speed Integrated Circuitry Central Computer (VHSICC) Plus); Virtual Convoy Operations Trainers; and Virtual Door Gunner Trainers.

MODERNIZATION PRIORITIES

Each National Guard and reserve component commander shall submit to the congressional defense committees a detailed assessment of that component's modernization priorities, not later than 30 days after enactment of this Act. The National Guard and reserve component commanders should exercise control of the funds provided in this account, to better ensure that the most urgent National Guard and reserve equipment modernization priorities are addressed with the funding provided in this appropriation.

DEFENSE PRODUCTION ACT PURCHASES

For Defense Production Act Purchases, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | | RECOMMENDED | | CHANGE FROM REQUEST | |
|---|---|---|---|---|---|---|
| | QTY | AMOUNT | QTY | AMOUNT | QTY | AMOUNT |
| DEFENSE PRODUCTION ACT PURCHASES | | | | | | |
| DEFENSE PRODUCTION ACT PURCHASES..... | --- | 36,365 | --- | 100,565 | --- | +64,200 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
(in thousands of dollars)

| | Budget Request | Recommendation |
|---|---|---|
| BERYLLIUM SUPPLY INDUSTRIAL BASE | 19,500 | 19,500 |
| SILICON CARBIDE MMIC DEVICE PRODUCTION | 4,110 | 4,110 |
| LITHIUM ION (LI ION) BATTERY PRODUCTION | 4,581 | 4,581 |
| BLUE FORCE TRACKING PRODUCTION INITIATIVE | 3,000 | 3,000 |
| POWER AND ENERGY SYSTEMS PRODUCTION INITIATIVE | 4,000 | 4,000 |
| TRAVELING WAVE TUBE AMPLIFIERS FOR SPACE | 1,174 | 1,174 |
| ALON AND SPINEL OPTICAL CERAMICS | | 4,000 |
| ARMOR AND STRUCTURES TRANSFORMATION INITIATIVE - STEEL TO TITANIUM | | 3,200 |
| AUTOMATED COMPOSITE TECHNOLOGIES AND MANUFACTURING CENTER | | 5,000 |
| DOMESTIC PRODUCTION OF TRANSPARENT POLYCRYSTALLINE LASER GAIN MATERIALS | | 5,200 |
| HIGH PERFORMANCE THERMAL BATTERY INFRASTRUCTURE PROJECT | | 3,000 |
| LOW COST MILITARY GLOBAL POSITIONING SYSTEM (GPS) RECEIVER | | 4,000 |
| MILITARY LENS FABRICATION AND ASSEMBLY | | 2,400 |
| PRODUCTION OF MINIATURE COMPRESSORS FOR ELECTRONICS AND PERSONAL COOLING | | 1,000 |
| CARBON FOAM PROGRAM | | 9,600 |
| EXTREMELY LARGE, DOMESTIC EXPENDABLE AND REUSABLE STRUCTURES MANUFACTURING CENTER | | 8,000 |
| HIGH HOMOGENEITY OPTICAL GLASS | | 3,200 |
| HYBRID PLASTICS AND POSS NANOTECHNOLOGY ENGINEERING SCALE-UP INITIATIVE | | 3,000 |
| LIGHTWEIGHT SMALL CALIBER AMMUNITION PRODUCTION INITIATIVE | | 4,200 |
| REACTIVE PLASTIC CO2 ABSORENT PRODUCTION CAPACITY | | 1,600 |
| READ OUT INTEGRATED CIRCUIT MANUFACTURING IMPROVEMENT | | 1,600 |
| SILICON CARBIDE ARMOR MANUFACTURE INITIATIVE | | 2,000 |

| | Budget Request | Recommendation |
|---|---|---|
| TITANIUM METAL MATRIX COMPOSITE AND NANO ENHANCED TITANIUM DEVELOPMENT | | 3,200 |
| TOTAL DEFENSE PRODUCTION ACT | 36,365 | 100,565 |

TITLE IV—RESEARCH, DEVELOPMENT, TEST AND EVALUATION

For Research, Development, Test and Evaluation funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY..... | 10,524,085 | 12,060,111 | +1,536,026 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY..... | 19,337,238 | 19,764,276 | +427,038 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE. | 28,066,617 | 27,084,340 | -982,277 |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE..... | 21,499,229 | 21,423,338 | -75,891 |
| OPERATIONAL TEST AND EVALUATION, DEFENSE..... | 188,772 | 188,772 | --- |
| GRAND TOTAL, RDT&E..... | 79,615,941 | 80,520,837 | +904,896 |

CONGRESSIONAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase ''only for'' or ''only to'' are congressional interest items for purposes of the Base for Reprogramming Department of Defense form (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in these materials.

TECHNOLOGY AND INDUSTRIAL BASE CONSIDERATIONS

Section 2440 of Title 10 of the United States Code specifically addresses the need for consideration of industrial base when developing and implementing acquisition programs. The Secretary of Defense is directed to comply with 10 U.S.C. 2440 as it applies to the consideration of national technology and industrial base in the development and implementation of acquisition plans for each major defense acquisition program. Additionally, the Secretary of Defense is directed to provide a report to the congressional defense committees within 30 days of enactment of this Act on how the Department implements Section 2440 in the major defense acquisition programs.

KC–135 TANKER REPLACEMENT PROGRAM

On September 10, 2008, the Secretary of Defense informed the Congress that he was terminating the solicitation for the KC–135 tanker replacement program. After seven years of deliberation, the Department of Defense is no closer to providing the warfighter with a replacement for the aged KC–135s. The Department's latest decision could delay replacing the tankers for several more years. The timing of the Secretary's notification made it too late for the Congress to undertake a comprehensive review of alternatives and mandate a way forward that would be fair to all parties involved. The Department of Defense needs to address this serious problem as quickly as possible. The Department of Defense should consider any practical option that would enable the replacement of the KC–135s expeditiously to include the possibility of awarding competitive contracts to more than one offeror.

In light of the termination, the bill provides $62,500,000 in Operation and Maintenance, Air Force for modest upgrades to the KC–135s to ensure continued reliability of the fleet. In addition, funding is provided for program office operations, termination costs, and anticipated claims from the offerors.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION (RDT&E) PROGRAM ELEMENT CODES AND BUDGET JUSTIFICATION DOCUMENTS

Senate Report 110–155, accompanying the Fiscal Year 2008 Department of Defense Appropriations Act, recommended several improvements to enhance the information provided to Congress in the RDT&E budget documentation materials. This includes the provision of specific information about activities conducted and accomplishments achieved with prior year funding; information on planned activities and their costs for the budget year at the project level; the improvement of cross references among projects; provision of schedules that identify key events; updates to narratives that reflect prior years' events; and the implementation of a more informative display of programmatic, schedule and budgetary changes. Improvements to the quality of the RDT&E budget justification documents are expected to be made beginning with the fiscal year 2010 budget submission.

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Department of Defense is directed to continue to follow the reprogramming guidance specified in the House Report (H. Rept. 110–279) accompanying the Fiscal Year 2008 Department of Defense Appropriations Act. Specifically, the dollar threshold for reprogramming funds will remain at $20,000,000 for procurement, and $10,000,000 for research, development, test and evaluation. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative. Therefore, if the combined value of transfers into or out of a procurement (P–1) or research, development, test and evaluation (R–1) line exceeds the identified threshold, the Department of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this explanatory statement.

INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE

The Secretary of Defense notified the House and the Senate Committees on Appropriations of a number of urgent Intelligence, Surveillance and Reconnaissance (ISR) needs for fiscal year 2009 that were not contained in the budget request. In order to respond to these emerging requirements, an increase of $750,000,000 is provided in operation and maintenance, procurement, and research, development, test and evaluation accounts. The following table includes research, development, test and evaluation funds provided in support of this initiative.

[In thousands of dollars]

| Line | Account | Item | |
|---|---|---|---|
| R–239 | CRDDW | Global Observer | $40,000 |

REPROGRAMMING REPORTING REQUIREMENTS

The Under Secretary of the Department of Defense, Comptroller is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD1416 reports for service and defense-wide accounts in titles III and IV of this Act as required in the statement of the managers accompanying the conference report on the Department of Defense Appropriations Act, 2006.

FUNDING INCREASES

The funding increases outlined in these tables shall be provided only for the specific purposes indicated in the table.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

For Research, Development, Test and Evaluation, Army, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY | | | |
| | BASIC RESEARCH | | | |
| 1 | IN-HOUSE LABORATORY INDEPENDENT RESEARCH | 19,832 | 19,832 | --- |
| 2 | DEFENSE RESEARCH SCIENCES | 176,959 | 198,759 | +21,800 |
| 3 | UNIVERSITY RESEARCH INITIATIVES | 76,980 | 89,930 | +12,950 |
| 4 | UNIVERSITY AND INDUSTRY RESEARCH CENTERS | 105,622 | 130,722 | +25,100 |
| | TOTAL, BASIC RESEARCH | 379,393 | 439,243 | +59,850 |
| | APPLIED RESEARCH | | | |
| 5 | MATERIALS TECHNOLOGY | 26,985 | 81,205 | +54,220 |
| 6 | SENSORS AND ELECTRONIC SURVIVABILITY | 46,147 | 75,547 | +29,400 |
| 7 | TRACTOR HIP | 18,192 | 18,192 | --- |
| 8 | AVIATION TECHNOLOGY | 42,013 | 47,053 | +5,040 |
| 9 | ELECTRONIC WARFARE TECHNOLOGY | 16,611 | 21,811 | +5,200 |
| 10 | MISSILE TECHNOLOGY | 48,174 | 56,934 | +8,760 |
| 11 | ADVANCED WEAPONS TECHNOLOGY | 19,664 | 23,264 | +3,600 |
| 12 | ADVANCED CONCEPTS AND SIMULATION | 17,048 | 21,848 | +4,800 |
| 13 | COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY | 55,234 | 89,334 | +34,100 |
| 14 | BALLISTICS TECHNOLOGY | 71,550 | 88,250 | +16,700 |
| 15 | CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY | 2,295 | 8,935 | +6,640 |
| 16 | JOINT SERVICE SMALL ARMS PROGRAM | 7,531 | 9,131 | +1,600 |
| 17 | WEAPONS AND MUNITIONS TECHNOLOGY | 30,576 | 102,676 | +72,100 |
| 18 | ELECTRONICS AND ELECTRONIC DEVICES | 45,278 | 100,018 | +54,740 |
| 19 | NIGHT VISION TECHNOLOGY | 25,647 | 46,847 | +21,200 |
| 20 | COUNTERMINE SYSTEMS | 21,815 | 32,415 | +10,600 |
| 21 | HUMAN FACTORS ENGINEERING TECHNOLOGY | 17,348 | 42,348 | +25,000 |
| 22 | ENVIRONMENTAL QUALITY TECHNOLOGY | 16,064 | 19,864 | +3,800 |
| 23 | COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY | 24,014 | 41,354 | +17,340 |
| 24 | COMPUTER AND SOFTWARE TECHNOLOGY | 5,495 | 6,295 | +800 |
| 25 | MILITARY ENGINEERING TECHNOLOGY | 52,066 | 59,006 | +6,940 |
| 26 | MANPOWER/PERSONNEL/TRAINING TECHNOLOGY | 16,412 | 16,412 | --- |
| 27 | WARFIGHTER TECHNOLOGY | 21,948 | 36,252 | +14,304 |
| 28 | MEDICAL TECHNOLOGY | 75,395 | 188,835 | +113,440 |
| | TOTAL, APPLIED RESEARCH | 723,502 | 1,233,826 | +510,324 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 29 | WARFIGHTER ADVANCED TECHNOLOGY | 46,793 | 73,593 | +26,800 |
| 30 | MEDICAL ADVANCED TECHNOLOGY | 59,043 | 322,323 | +263,280 |
| 31 | AVIATION ADVANCED TECHNOLOGY | 57,277 | 106,637 | +49,360 |
| 32 | WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY | 73,697 | 109,437 | +35,740 |
| 33 | COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY | 107,992 | 264,752 | +156,760 |
| 34 | COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY | 9,183 | 11,583 | +2,400 |
| 35 | MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY | 6,853 | 6,853 | --- |
| 36 | ELECTRONIC WARFARE ADVANCED TECHNOLOGY | 50,961 | 62,561 | +11,600 |
| 37 | TRACTOR HIKE | 14,562 | 14,562 | --- |
| 38 | NEXT GENERATION TRAINING & SIMULATION SYSTEMS | 18,881 | 25,381 | +6,500 |
| 39 | TRACTOR ROSE | 11,575 | 11,575 | --- |
| 41 | EXPLOSIVES DEMILITARIZATION TECHNOLOGY | 10,564 | 13,764 | +3,200 |
| 42 | MILITARY HIV RESEARCH | 7,116 | 15,116 | +8,000 |
| 43 | COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT | 13,064 | 13,064 | --- |
| 45 | ELECTRONIC WARFARE TECHNOLOGY | 23,996 | 33,196 | +9,200 |
| 46 | MISSILE AND ROCKET ADVANCED TECHNOLOGY | 63,998 | 76,958 | +12,960 |
| 47 | TRACTOR CAGE | 12,372 | 12,372 | --- |
| 48 | LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY | 30,797 | 37,657 | +6,860 |
| 49 | JOINT SERVICE SMALL ARMS PROGRAM | 8,809 | 8,809 | --- |
| 50 | NIGHT VISION ADVANCED TECHNOLOGY | 39,916 | 70,916 | +31,000 |
| 51 | ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS | 15,519 | 15,519 | --- |
| 52 | MILITARY ENGINEERING ADVANCED TECHNOLOGY | 7,654 | 35,974 | +28,320 |
| 53 | ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY | 48,236 | 62,236 | +14,000 |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 738,858 | 1,404,838 | +665,980 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | DEMONSTRATION & VALIDATION | | | |
| 54 | UNIQUE ITEM IDENTIFICATION (UID) | 649 | 649 | --- |
| 55 | ARMY MISSILE DEFENSE SYSTEMS INTEGRATION | 14,005 | 91,065 | +77,060 |
| 56 | ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE) | 19,986 | 47,986 | +28,000 |
| 57 | AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING | 116,410 | 119,210 | +2,800 |
| 59 | LANDMINE WARFARE AND BARRIER - ADV DEV | 29,234 | 14,234 | -15,000 |
| 60 | SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV | 3,840 | 3,840 | --- |
| 61 | TANK AND MEDIUM CALIBER AMMUNITION | 45,866 | 40,866 | -5,000 |
| 62 | ADVANCED TANK ARMAMENT SYSTEM (ATAS) | 108,012 | 79,612 | -28,400 |
| 63 | SOLDIER SUPPORT AND SURVIVABILITY | 30,716 | 25,716 | -5,000 |
| 65 | NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT | 2,588 | 2,588 | --- |
| 66 | ENVIRONMENTAL QUALITY TECHNOLOGY | 5,355 | 15,355 | +10,000 |
| 67 | WARFIGHTER INFORMATION NETWORK-TACTICAL | 414,357 | 394,357 | -20,000 |
| 68 | NATO RESEARCH AND DEVELOPMENT | 5,041 | 5,041 | --- |
| 69 | AVIATION - ADV DEV | 7,455 | 9,855 | +2,400 |
| 70 | LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV | 44,141 | 44,141 | --- |
| 71 | COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION | 17,788 | 17,788 | --- |
| 72 | MEDICAL SYSTEMS - ADV DEV | 26,308 | 30,308 | +4,000 |
| 73 | SOLDIER SYSTEMS - ADVANCED DEVELOPMENT | 36,558 | 41,758 | +5,200 |
| | TOTAL, DEMONSTRATION & VALIDATION | 928,309 | 984,369 | +56,060 |
| | ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| 76 | AIRCRAFT AVIONICS | 71,562 | 71,562 | --- |
| 77 | ARMED, DEPLOYABLE OH-58D | 135,652 | 135,652 | --- |
| 78 | ELECTRONIC WARFARE DEVELOPMENT | 32,325 | 36,325 | +4,000 |
| 80 | TRACTOR CAGE | 16,807 | 16,807 | --- |
| 82 | INFANTRY SUPPORT WEAPONS | 42,414 | 58,254 | +15,840 |
| 83 | MEDIUM TACTICAL VEHICLES | 1,949 | 1,949 | --- |
| 84 | SMOKE, OBSCURANT AND TARGET DEFEATING SYS-SDD | 5,603 | 5,603 | --- |
| 85 | FAMILY OF HEAVY TACTICAL VEHICLES | 2,901 | 4,501 | +1,600 |
| 86 | AIR TRAFFIC CONTROL | 14,214 | 14,214 | --- |
| 89 | NON-LIGHT OF SIGHT LAUNCH SYSTEM | 200,099 | 208,699 | +8,600 |
| 90 | NON-LINE OF SIGHT CANNON | 89,841 | 89,841 | --- |
| 91 | FCS MANNED GRD VEHICLES & COMMON GRD VEHICLE | 774,257 | 785,257 | +11,000 |
| 92 | FCS SYSTEMS OF SYSTEMS ENGR & PROGRAM MGMT | 1,413,945 | 1,419,445 | +5,500 |
| 93 | FCS RECONNAISSANCE (UAV) PLATFORMS | 34,379 | 57,379 | +23,000 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 94 | FCS UNMANNED GROUND VEHICLES | 96,918 | 103,318 | +6,400 |
| 95 | FCS UNATTENDED GROUND SENSORS | 12,967 | 17,067 | +4,100 |
| 96 | FCS SUSTAINMENT & TRAINING R&D | 539,145 | 558,145 | +19,000 |
| 97 | MODULAR BRIGADE ENHANCEMENT | 64,900 | 111,400 | +46,500 |
| 98 | NIGHT VISION SYSTEMS - SDD | 44,508 | 51,708 | +7,200 |
| 99 | COMBAT FEEDING, CLOTHING, AND EQUIPMENT | 2,499 | 2,499 | --- |
| 100 | NON-SYSTEM TRAINING DEVICES - SDD | 35,424 | 38,424 | +3,000 |
| 101 | AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD | 22,415 | 22,415 | --- |
| 102 | CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT | 26,244 | 26,244 | --- |
| 103 | AUTOMATIC TEST EQUIPMENT DEVELOPMENT | 23,582 | 18,582 | -5,000 |
| 104 | DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD | 16,095 | 17,775 | +1,680 |
| 105 | COMBINED ARMS TACTICAL TRAINER (CATT) CORE | 29,468 | 30,668 | +1,200 |
| 106 | JOINT NETWORK MANAGEMENT SYSTEM | 676 | 676 | --- |
| 107 | WEAPONS AND MUNITIONS - SDD | 52,140 | 58,140 | +6,000 |
| 108 | LOGISTICS AND ENGINEER EQUIPMENT - SDD | 37,718 | 38,518 | +800 |
| 109 | COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD | 9,795 | 9,795 | --- |
| 110 | MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT | 34,971 | 45,371 | +10,400 |
| 111 | LANDMINE WARFARE/BARRIER - SDD | 126,475 | 117,075 | -9,400 |
| 113 | ARTILLERY MUNITIONS | 78,197 | 79,397 | +1,200 |
| 114 | COMBAT IDENTIFICATION | 10,909 | 10,909 | --- |
| 115 | ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE | 67,535 | 65,535 | -2,000 |
| 117 | GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS) | 60,308 | 50,308 | -10,000 |
| 118 | FIREFINDER | 47,845 | 47,845 | --- |
| 119 | SOLDIER SYSTEMS - WARRIOR DEM/VAL | 15,790 | 17,790 | +2,000 |
| 120 | ARTILLERY SYSTEMS | 42,300 | 33,300 | -9,000 |
| 121 | PATRIOT/MEADS COMBINED AGGREGATE PROGRAM (CAP) | 431,270 | 431,270 | --- |
| 122 | NUCLEAR ARMS CONTROL MONITORING SENSOR NETWORK | 6,260 | 6,260 | --- |
| 123 | INFORMATION TECHNOLOGY DEVELOPMENT | 73,740 | 68,040 | -5,700 |
| 124 | JOINT AIR-TO-GROUND MISSILE (JAGM) | 118,517 | 118,517 | --- |
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 4,964,559 | 5,102,479 | +137,920 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RDT&E MANAGEMENT SUPPORT | | | |
| 126 | THREAT SIMULATOR DEVELOPMENT | 21,416 | 25,176 | +3,760 |
| 127 | TARGET SYSTEMS DEVELOPMENT | 13,498 | 13,498 | --- |
| 128 | MAJOR T&E INVESTMENT | 64,618 | 64,618 | --- |
| 130 | RAND ARROYO CENTER | 16,339 | 20,339 | +4,000 |
| 131 | ARMY KWAJALEIN ATOLL | 174,601 | 174,601 | --- |
| 132 | CONCEPTS EXPERIMENTATION PROGRAM | 28,271 | 34,031 | +5,760 |
| 134 | ARMY TEST RANGES AND FACILITIES | 342,079 | 347,579 | +5,500 |
| 135 | ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS | 74,624 | 80,974 | +6,350 |
| 136 | SURVIVABILITY/LETHALITY ANALYSIS | 41,066 | 41,066 | --- |
| 137 | DOD HIGH ENERGY LASER TEST FACILITY | 2,835 | 6,835 | +4,000 |
| 138 | AIRCRAFT CERTIFICATION | 5,054 | 5,054 | --- |
| 139 | METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES | 8,289 | 8,289 | --- |
| 140 | MATERIEL SYSTEMS ANALYSIS | 17,028 | 17,028 | --- |
| 142 | SUPPORT OF OPERATIONAL TESTING | 72,942 | 74,942 | +2,000 |
| 143 | ARMY EVALUATION CENTER | 63,382 | 63,382 | --- |
| 144 | SIMULATION & MODELING FOR ACQ, RQTS, & TNG (SMART) | 5,325 | 5,325 | --- |
| 145 | PROGRAMWIDE ACTIVITIES | 73,748 | 73,748 | --- |
| 146 | TECHNICAL INFORMATION ACTIVITIES | 42,905 | 44,505 | +1,600 |
| 147 | MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY | 20,857 | 48,057 | +27,200 |
| 148 | ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT | 5,125 | 5,125 | --- |
| 149 | MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT) | 15,665 | 15,665 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 1,109,667 | 1,169,837 | +60,170 |
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 151 | MLRS PRODUCT IMPROVEMENT PROGRAM | 59,749 | 59,749 | --- |
| 153 | AEROSTAT JOINT PROJECT OFFICE | 356,434 | 356,434 | --- |
| 154 | ADV FIELD ARTILLERY TACTICAL DATA SYSTEM | 15,860 | 16,660 | +800 |
| 155 | COMBAT VEHICLE IMPROVEMENT PROGRAMS | 141,114 | 143,514 | +2,400 |
| 156 | MANEUVER CONTROL SYSTEM | 37,151 | 37,151 | --- |
| 157 | AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS | 452,787 | 460,937 | +8,150 |
| 158 | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 332 | 332 | --- |
| 159 | DIGITIZATION | 9,534 | 9,534 | --- |
| 160 | FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB2) | 38,418 | 23,418 | -15,000 |
| 162 | MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM | 37,871 | 37,871 | --- |
| 163 | OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS | 1,527 | 5,227 | +3,700 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 164 | TRACTOR CARD | 19,601 | 19,601 | --- |
| 165 | JOINT TACTICAL COMMUNICATIONS PROGRAM (TRI-TAC) | 920 | 920 | --- |
| 166 | JOINT TACTICAL GROUND SYSTEM | 1,957 | 1,957 | --- |
| 167 | JOINT HIGH SPEED VESSEL (JHSV) | 2,936 | 2,936 | --- |
| 169 | SECURITY AND INTELLIGENCE ACTIVITIES | --- | 3,200 | +3,200 |
| 170 | INFORMATION SYSTEMS SECURITY PROGRAM | 38,090 | 41,290 | +3,200 |
| 171 | GLOBAL COMBAT SUPPORT SYSTEM | 104,934 | 104,934 | --- |
| 172 | SATCOM GROUND ENVIRONMENT (SPACE) | 106,327 | 59,099 | -47,228 |
| 173 | WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM | 12,922 | 12,922 | --- |
| 174 | JOINT COMMAND AND CONTROL PROGRAM (JC2) | 15,203 | 15,203 | --- |
| 175 | TACTICAL UNMANNED AERIAL VEHICLES | 50,976 | 104,276 | +53,300 |
| 177 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | --- | 3,600 | +3,600 |
| 178 | AVIONICS COMPONENT IMPROVEMENT PROGRAM | 1,023 | 1,023 | --- |
| 179 | END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES | 69,084 | 91,084 | +22,000 |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 1,574,750 | 1,612,872 | +38,122 |
| 999 | CLASSIFIED PROGRAMS | 105,047 | 112,647 | +7,600 |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY | 10,524,085 | 12,060,111 | +1,536,026 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **IN-HOUSE LABORATORY INDEPENDENT RESEARCH** | **19,832** | **19,832** |
| 2 | **DEFENSE RESEARCH SCIENCES** | **176,959** | **198,759** |
| | Perpetually Available and Secure Information Systems (PASIS) | | 3,200 |
| | Combat Mental Health Initiative | | 2,400 |
| | Technology Commercialization and Management Network | | 1,600 |
| | Cyber Threat Analytics | | 2,400 |
| | Nanocrystal Source Display | | 1,200 |
| | Fuel Logistics Reduction through Enhanced Engine Performance | | 1,200 |
| | Nanostructured Materials For Photovoltaic Applications | | 1,600 |
| | Sustainable Alternative Energy for DoD | | 2,400 |
| | Direct Methanol Fuel Cell Battery Recharger Program | | 2,400 |
| | Unsustained growth | | -7,000 |
| | Center for Advanced Energy Storage Research and Technology | | 1,600 |
| | Fighting Drug Resistant Infections | | 2,000 |
| | Flexible Electronics Research Initiative | | 1,600 |
| | Global Military Operating Environment | | 2,000 |
| | Organic Semiconductor Modeling and Simulation | | 1,200 |
| | Toxic Particles | | 800 |
| | Urban Patterns and Signatures to Support Counter-Insurgency Operations | | 1,200 |
| 3 | **UNIVERSITY RESEARCH INITIATIVES** | **76,980** | **89,930** |
| | Electrofluidic Chromatophores for Adaptive Camouflage | | 1,750 |
| | DoD International Diabetes Research Initiative | | 2,000 |
| | Nanosystems through Optical Biosensors | | 1,600 |
| | Burn and Shock Trauma Institute | | 2,000 |
| | Columbia College Chicago Construct Program | | 800 |
| | Hi-Tech Eyes for the Battlefield | | 1,600 |
| | Low Temperature Vehicle Performance Research | | 1,600 |
| | Open Source Intelligence for Force Protection and Intelligence | | 1,600 |
| 4 | **UNIVERSITY AND INDUSTRY RESEARCH CENTERS** | **105,622** | **130,722** |
| | Center for Nanoscale Bio-Sensors as a Defense Against Biological Threats to America | | 800 |
| | Manufacturing and Industrial Technology Center | | 800 |
| | Nanotubes Optimized for Lightweight Exceptional Strength Composite Materials | | 2,400 |
| | Florida Collaborative Development of Advanced Materials for Strategic Applications | | 1,200 |
| | Ink-Based Desktop Electronic Material Technology | | 1,600 |
| | Western Hemisphere Security Analysis Center | | 1,600 |
| | NanoSensor StageGate Accelerator (NSSA) | | 1,200 |
| | Development of Enabling Chemical Technologies for Power from Green Sources | | 1,200 |
| | Norfolk State University Center for Modeling and Simulation | | 2,400 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Unexecutable growth | | -5,000 |
| | Academic Support and Research Compliance for Knowledge Gathering | | 2,000 |
| | Center for Education in Nanoscience and Nanotechnology | | 640 |
| | Center for Information Assurance | | 800 |
| | Large Area Monitoring Network (LAMNET) | | 6,000 |
| | MEMS Antenna for Wireless Comms | | 2,400 |
| | Nanoscale Biosensors | | 2,500 |
| | Novel Methods for Detecting and Inhibiting Corrosion | | 1,360 |
| | Visualization for Training and Simulation in Urban Terrains | | 1,200 |
| 5 | **MATERIALS TECHNOLOGY** | **26,985** | **81,205** |
| | Unjustified Program Growth | | -2,000 |
| | Future Affordable Multi-Utility Materials for the Army Future Combat Systems | | 6,400 |
| | Ultrasonic Consolidation for Armor Applications | | 1,200 |
| | Next Generation Protective Seat | | 2,400 |
| | Control System for Laser Powder Deposition | | 500 |
| | Improvised Explosive Device (IED) Simulation in Different Soils | | 500 |
| | Ultra-Endurance Coating | | 3,600 |
| | Nickel Boron Coating Technology for Army Weapons | | 2,400 |
| | Dual Stage Variable Energy Absorber | | 2,400 |
| | Unmanned Ground Vehicle Advanced Technology Development | | 2,500 |
| | One-Step JP-8 Bio-Diesel Fuel | | 1,600 |
| | Modeling and Testing of Next Generation Body Armor | | 2,000 |
| | Project Kryptolite Force Implementation Phase | | 1,200 |
| | Development of Improved Lighter-Weight IED/EFP Armor Solutions | | 1,000 |
| | Nanomanufacturing of Multifunctional Sensors | | 1,000 |
| | Advanced Conductivity Program (ACP) | | 3,500 |
| | Affordable Light-Weight metal matrix composite armor | | 1,600 |
| | Ballistic Armor Research | | 3,200 |
| | Capability Expansion of Spinel Transparent Armor Manufacturing | | 5,120 |
| | Composite Applied Research and Technology for FCS and Tactical Vehicle Survivability | | 3,000 |
| | Lattice Block Structures for AM2 Matting Replacement | | 2,500 |
| | Lightweight Anti-Ballistic Protection for Aircraft | | 400 |
| | Lightweight Transparent Armor for Force Protection | | 2,000 |
| | Moldable Fabric Armor | | 1,200 |
| | Novel Extremity Body Armor | | 600 |
| | Renewable Jet Fuel from Lignocellulosic Feedstocks | | 3,200 |
| | Ultrasonic Impact Technology | | 1,200 |
| 6 | **SENSORS AND ELECTRONIC SURVIVABILITY** | **46,147** | **75,547** |
| | Self-Deploying Autonomous Sensor Platforms for Situational Awareness | | 4,000 |
| | Adaptive Infrastructure for SOF Experimentation | | 2,400 |
| | Wearable Gyro-Compensated Personnel Tracking During GPS Interference | | 800 |
| | Semi-Autonomous or Unattended Psychological Operations and Reconnaissance Tool (SUPORT) | | 2,400 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Next Generation Wearable Video Capture System | | 800 |
| | Lookout Small Scale Radar | | 2,000 |
| | Intelligent Fault Protected Laser Diodes | | 800 |
| | Advanced Detection of Explosives (ADE) | | 2,400 |
| | Large Aluminum Nitride Crystals for Effective Deep Ultraviolet Sources | | 800 |
| | Command and Control, Communications and Computers (C4) Module | | 1,200 |
| | Advanced Magnetic Nanosensors for Defense Applications | | 4,800 |
| | Advanced UV Light Diode Sensor Development | | 1,600 |
| | Hydrogen Batteries for the Warfighter | | 3,000 |
| | Nanophotonic Devices | | 1,600 |
| | Terahertz Spectrometer | | 800 |
| 8 | **AVIATION TECHNOLOGY** | **42,013** | **47,053** |
| | Aircraft Structural Condition Monitoring (ASCM) | | 1,600 |
| | Helicopter Reliability and Failure Analysis Center | | 880 |
| | Intensive Quenching for Advanced Weapon Systems | | 960 |
| | Composite Small Main Rotor Blades | | 1,600 |
| 9 | **ELECTRONIC WARFARE TECHNOLOGY** | **16,611** | **21,811** |
| | Counter-IED Force Protection Program | | 2,000 |
| | Integrated Information Technology Policy Analysis Research | | 1,600 |
| | Battlefield Connectivity | | 1,600 |
| 10 | **MISSILE TECHNOLOGY** | **48,174** | **56,934** |
| | D-NET: Electrically Charged Mesh (ECM) Defense Net Troop Protection System | | 2,560 |
| | Materials Applications Research Center | | 800 |
| | Center of Excellence in Integrated Sensor Systems (CEISS) | | 600 |
| | Large Energy National Shock Tunnel (LENS XX) Hypervelocity Ground Testing | | 1,600 |
| | Mariah II Hypersonic Wind Tunnel Development | | 3,200 |
| 11 | **ADVANCED WEAPONS TECHNOLOGY** | **19,664** | **23,264** |
| | Remote Video Weapons Sight, USSOCOM SBIR | | 2,000 |
| | Army Missile and Space Technology Initiative | | 1,600 |
| 12 | **ADVANCED CONCEPTS AND SIMULATION** | **17,048** | **21,848** |
| | Advanced Live, Virtual and Constructive (LVC) Training Systems | | 1,600 |
| | Boston University Photonics Center | | 3,200 |
| 13 | **COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY** | **55,234** | **89,334** |
| | Nanofluids for Advanced Military Mobility | | 800 |
| | Extended Lifecycle Management Environment | | 1,000 |
| | Superlattice Semiconductors for Mobile SS Lighting and Solar Power Applications | | 2,400 |
| | Institute for Advanced Materials and Manufacturing Strategies (IAMMS) | | 1,200 |
| | DoD Hydrogen PEM Fuel Cell Medium/Heavy Duty Vehicle Demonstration Program | | 1,600 |
| | Turbo Fuel Cell Engine | | 2,500 |
| | Fire Resistant Fuels | | 3,200 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Improved EFP and IED Protection, Testing, Modeling and Proving Using Lithia Alumina Silica (LAS) Glass Ceramics | | 2,400 |
| | Illinois Center for Defense Manufacturing | | 2,000 |
| | Rapid Up-Armor Synthesis and Crashworthiness Design for Improved Soldier Survivability | | 1,200 |
| | Tactical Metal Fabrication System (TACFAB) | | 2,000 |
| | Ultra Light Weight Transmission for FCS | | 1,600 |
| | Advanced Manufacture of Lightweight Components | | 2,400 |
| | Center for Advanced Vehicle Technology and Fuel Development | | 800 |
| | Condition Based Maintenance and Mission Assuredness for Ground Vehicles | | 2,400 |
| | Ground Vehicle Reliability Modeling for Condition-Based Maintenance | | 800 |
| | HEV Battery System for Future Combat System | | 1,600 |
| | Integrated Vehicle Health Monitoring System | | 1,600 |
| | Military Fuels Research Program | | 1,600 |
| | Remote Unmanned Vehicle Checkpoint System | | 1,000 |
| 14 | **BALLISTICS TECHNOLOGY** | **71,550** | **88,250** |
| | Advanced Composite Armor for Force Protection | | 1,600 |
| | Eye-Safe Standoff Fusion Detection of CBE Threats | | 2,000 |
| | 5.56mm Aluminum Cartridge Case, Lake City Army Ammunition Plant | | 1,000 |
| | Globally Accessible Manufacturing and Maintenance Activity | | 1,600 |
| | Beneficial Infrastructure for Rotorcraft Risk Reduction Demonstrations | | 800 |
| | Super High Accuracy Range Kit (SHARK) | | 3,600 |
| | Laser Based Explosives, Chem/Bio Standoff and Point Detector | | 4,000 |
| | Next Generation Lightweight Drive System for Army Weapons Systems | | 1,600 |
| | Small Unmanned Aerial Vehicles and Sensors | | 500 |
| 15 | **CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY** | **2,295** | **8,935** |
| | Systems Biology Biomarkers Toxicology Initiative | | 2,640 |
| | Rapid and Accurate Pathogen Identification/Detection (RAPID) Program | | 1,600 |
| | Enhanced Vapor Aeration capabilities (EVAC) | | 2,400 |
| 16 | **JOINT SERVICE SMALL ARMS PROGRAM** | **7,531** | **9,131** |
| | Extreme Light Sources, University of Florida | | 1,600 |
| 17 | **WEAPONS AND MUNITIONS TECHNOLOGY** | **30,576** | **102,676** |
| | MATRIC-Project National Shield Integration Center | | 2,000 |
| | Wyoming Valley Integrated Command Operations Program (ICOP) | | 1,600 |
| | Kinetic Energy Enhanced Lethality and Protection Materials | | 2,000 |
| | Regional Integrated Command Center (RICC) | | 800 |
| | Remotely Operated Weapons Systems | | 5,000 |
| | Advanced Technologies, Energy and Manufacturing Science | | 5,000 |
| | Developmental Mission Integration | | 4,000 |
| | Rapid Prototyping for Special Projects | | 3,200 |
| | Mitigation of Energetic Single Point Failures | | 2,400 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Green Armaments/Rangesafe | | 2,400 |
| Armament Systems Engineering - ASEI2 | | 3,200 |
| Advanced Rarefaction Weapon Engineered System | | 2,400 |
| Northern Ohio Integrated Command Operations Program | | 1,600 |
| Threat Detection and Neutralization Project | | 3,200 |
| Specialized Compact Automated Mechanical Clearance Platform | | 1,600 |
| Effects Based Decision Support Services | | 8,000 |
| Advanced Materials and Process For Armament Structures (AMPAS) | | 2,400 |
| Rapid Response Force Protection System | | 2,400 |
| Hospital Emergency Planning and Integration (HEPI) | | 800 |
| Accelerated Materials Development and Characterization for Army | | 2,500 |
| Army Center of Excellence in Acoustics | | 4,400 |
| Center for Borane Technology | | 2,000 |
| Electro Conversion of Energetic Materials | | 3,600 |
| Exploding Foil Initiators (EFI) with Nanomaterial-Based Circuits | | 1,600 |
| Heavy Metals Total Life-Cycle Initiative | | 800 |
| High Power Electrolytic Super-Capacitors Based On Conducting Polymers | | 800 |
| Munitions Evaluation for Composite Electric Armor | | 1,200 |
| Ripsaw Unmanned Ground Vehicle (UGV) Weaponization | | 1,200 |
| **18 ELECTRONICS AND ELECTRONIC DEVICES** | **45,278** | **100,018** |
| Extremely High Frequency (EHF)Transmitter for WIN-T Satellite Communications | | 2,000 |
| Bio-Battery | | 800 |
| Advanced Portable Power Institute | | 1,600 |
| Compact Eyesafe Tactical Laser | | 1,200 |
| Advanced Tactical 2KW External Combustion Power Sources for Cogeneration Applications | | 2,400 |
| Highly Reliable, Maintenance Free Remote Solar Power System | | 640 |
| Miniature Cooling Unit for Electronic Devices | | 800 |
| Fuel Cell Power System | | 800 |
| Manufacturing Technology Development of Advanced Solid State Lasers | | 2,400 |
| Micro-Machined Switches in Support of Transformational Communications Architecture | | 2,400 |
| Large Format Li-Ion Battery | | 800 |
| Integrated Lightweight Tracker System | | 1,600 |
| High-Frequency, High-Power Electronic and Optoelectronic Devices on Aluminum Nitride | | 3,200 |
| Soldier Portable Power Pack (SP3) for the 21st Century Warrior | | 1,700 |
| Novel Zinc Air Power Sources for Military Applications | | 1,600 |
| SOCOM Lightweight Unmanned Ground Robot | | 1,600 |
| Advanced Energy Storage Development for Renewable Energy Generation | | 1,200 |
| Co-Generation of Power and Air Conditioning | | 800 |
| Soldier Fuel Cell System | | 2,400 |
| ONAMI Miniature Tactical Energy Systems Development | | 2,400 |
| Program Increase | | 5,600 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Solid Oxide Fuel Cell Powered Tactical Smart Charger | | 1,600 |
| | Advanced Soldier Portable Power Systems Technologies | | 1,600 |
| | Ceramic Membrane Battery Systems | | 1,200 |
| | Cogeneration for Enhanced Cooling and Heating of Advanced Tactical Vehicles | | 2,400 |
| | Maryland Proof of Concept Alliance for Defense Technologies | | 3,500 |
| | Military Jet-Fueled Fuel Cell Generator | | 800 |
| | Renewable Energy for Military Applications | | 1,600 |
| | Self Powered, Lightweight, Flexible Display Unit on a Plastic Substrate | | 1,600 |
| | Stabilized Enzyme Biofuel Cell (SEBC) for Unmanned Ground Sensors | | 800 |
| | Tactical Asset Visibility Enhancement | | 500 |
| | Thermoelectric Power Generation Materials and Devices | | 1,200 |
| 19 | **NIGHT VISION TECHNOLOGY** | **25,647** | **46,847** |
| | Next Generation Communications System | | 1,200 |
| | Lightweight Polymer Designs for Soldier Combat Optics | | 1,200 |
| | Miniaturized Sensors for Small and Tactical Unmanned Aerial Vehicles (MINISENS) | | 1,200 |
| | Uncooled Metal-Oxide Semiconductor Field-Effect Transistor (MOSFET) Embedded Micro-cantilevers | | 2,400 |
| | Night Vision Technology Research | | 9,600 |
| | Small Business Infrared Material Manufacturing-Silicon Alternative Substrates | | 5,600 |
| 20 | **COUNTERMINE SYSTEMS** | **21,815** | **32,415** |
| | Spectroscopic Materials Identification Center | | 800 |
| | Hawaii Undersea Chemical Military Munitions Assessment Plan | | 4,000 |
| | Standoff Improvised Explosive Device Detection Program | | 4,800 |
| | UXO Detection and Classification in Volcanic Soil Using an Integrated Fully Polametic GPR and Chemical Sensor Technology | | 1,000 |
| 21 | **HUMAN FACTORS ENGINEERING TECHNOLOGY** | **17,348** | **42,348** |
| | LWI Training-based Collaborative Research | | 25,000 |
| 22 | **ENVIRONMENTAL QUALITY TECHNOLOGY** | **16,064** | **19,864** |
| | Range Scrap Disposal, Hawthorne Army Depot | | 800 |
| | MLRS Disposal System | | 3,000 |
| 23 | **COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY** | **24,014** | **41,354** |
| | Portable Non-Magnetic Compass/Positioning/Timing Device | | 1,600 |
| | Innovative Wireless Technologies for Sensor Networks | | 700 |
| | 21st Century Command, Control, and Communications Technology | | 640 |
| | Automated Language and Cultural Analysis for National Security | | 2,000 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Dynamically Managed Data Dissemination (DMDD) | | 1,200 |
| On-The-Move Telescoping Mast | | 2,400 |
| Intelligent Distributed Command and Control (IDC2) | | 2,400 |
| Tactical Booster for Mobile Network Centric Warfare | | 1,600 |
| Ruggedized Cylinders for Expandable Mobile Shelters | | 2,400 |
| Modular Universal TOC Packages for Vehicles and Shelters | | 2,400 |
| **24 COMPUTER AND SOFTWARE TECHNOLOGY** | **5,495** | **6,295** |
| Lightweight Soldier Sensor Computing | | 800 |
| **25 MILITARY ENGINEERING TECHNOLOGY** | **52,066** | **59,006** |
| Nano-Crystalline Cement for High Strength, Rapid Curing Concrete with Improved Blast Resistance | | 1,440 |
| Cellulose Nanocomposite Panels for Enhanced Blast and Ballistic Protection | | 2,400 |
| Airborne Threats | | 1,500 |
| Geosciences/ Atmospheric Research (CG/AR) | | 1,600 |
| **27 WARFIGHTER TECHNOLOGY** | **21,948** | **36,252** |
| Protective Textile Fabric | | 800 |
| Advanced Thermal Processing of Packaged Combat Rations | | 1,680 |
| Solid State Shelter Lighting System | | 384 |
| Chemical and Biological Protective Hangars | | 2,240 |
| Photovoltaic Tent Fabric | | 2,800 |
| Injection Molded Ceramic Body Armor | | 800 |
| Wearable Personal Area Network Technology | | 2,400 |
| Biosecurity for Soldier Food Safety | | 1,600 |
| Lightweight 1-2 Person Low-Pressure Inflatable Tents | | 800 |
| Modular Ballistic System for Force Protection | | 800 |
| **28 MEDICAL TECHNOLOGY** | **75,395** | **188,835** |
| Battlefield Research Accelerating Virtual Environments for Military Individual Neuro Disorder (BRAVEMIND) | | 800 |
| Battlefield Treatment of Hemorrhagic Shock | | 800 |
| Biological and Immunological Infectious Agent and Cancer Vaccine Research | | 800 |
| Cancer Prevention through Remote Biological Sensing | | 1,600 |
| Center for Injury Biomechanics | | 3,200 |
| Center for Ophthalmic Innovation (Note: Department of Defense Military Health System Enhancement) | | 2,400 |
| Plug-In Architecture for DoD Medical Imaging | | 800 |
| Cold Springs Harbor Laboratory-Women's Cancer Genomics Center (Note: Department of Defense Military Health System Enhancement) | | 2,800 |
| Combat Stress Intervention Program (CSIP) | | 2,400 |
| Consortium for Bone and Tissue Repair and Regeneration | | 800 |
| Control of Vector-Borne Diseases | | 1,200 |
| Copper Air Quality Program | | 2,000 |
| Disposable Unit Dose Drug Pumps for Anesthesia and Antibiotics | | 1,750 |
| Extended Duration Silver Wound Dressing-Clinical Trials | | 1,600 |
| Lehman Injury Research Center (Ryder Trauma Center) (Note: Includes Funding for Jackson Health System) | | 6,000 |
| Medical Resources Conservation Technology System | | 2,400 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Military Interoperable Digital Hospital Testbed | | 10,000 |
| Minimizing Health Effects of Air Toxins on Military Personnel | | 1,600 |
| Nanofabricated Bioartificial Kidney, Pancreas and Liver | | 2,500 |
| Nano-Imaging Agents for Early Disease Detection | | 1,600 |
| National Eye Evaluation and Research Network (NEER) - Clinical Trials of Orphan Retinal Degenerative Diseases | | 800 |
| Neural Controlled Prosthetic Device for Amputees | | 1,600 |
| Neuroimaging of Brain Disorders | | 800 |
| Neuroscience Research Consortium to Study Spinal Cord Injuries | | 800 |
| Neutron/Hadron Particle Therapy | | 1,200 |
| New Vaccines to Fight Respiratory Infection | | 4,000 |
| Plant-based Vaccine Research (Mitchell Memorial Cancer Center) | | 2,000 |
| Plasma Technology Laboratory | | 800 |
| Prevention of Compartment Syndrome, Ultrafiltration Catheter | | 1,600 |
| Rapid Vaccine Discovery Technology | | 1,600 |
| Self-Powered Prosthetic Limb Technology | | 2,400 |
| Synchrotron-based Scanning Research Neuroscience and Proton Institute | | 5,000 |
| Use of Drugs to Reduce Hearing Loss from Acute Acoustic Trauma | | 1,280 |
| Wound Infection Treatment Program | | 2,400 |
| Behavior and Neuroscience, Functional Magnetic Resonance Imaging Research Project | | 800 |
| Expanding Access to Proven Lifestyle Modification Treatments Focused on Preventing and Reversing Chronic Diseases | | 1,750 |
| Vision Integrating Stategies in Ophthalmology and Neurochemistry (VISION) | | 3,200 |
| Advanced Functional Nanomaterials for Biological Processes | | 2,000 |
| Carbon Nanotube Production | | 1,200 |
| Center for Aerospace Human Factors Research and Innovation | | 800 |
| Complementary & Alternative Medicine Research for Military Operations & Healthcare | | 5,000 |
| Development of Drugs for Malaria and Leishmaniasis in US Military and Civilian Personnel | | 3,400 |
| Engineering Replacement Tissues | | 1,600 |
| Expansion and Development Upper and Lower Bionic Limbs | | 2,000 |
| Facilitating Use of Advanced Prosthetic Limb Technology | | 1,600 |
| Freeze Dried Blood Technology Clinical Research | | 2,000 |
| Military Photomedicine Program | | 2,800 |
| Mosquito Born Disease Prevention : Malaria & Dengue Fever | | 800 |
| Optical Neural Techniques for Combat / Post-Trauma Healthcare | | 1,600 |
| Peer Reviewed Orthopaedic Extremity Trauma Research | | 5,000 |
| Respiratory Biodefense Initiative | | 1,600 |
| Soldier Survival in Extreme Environments | | 2,960 |
| **29 WARFIGHTER ADVANCED TECHNOLOGY** | **46,793** | **73,593** |
| Chemical and Biological Threat Protection Coating | | 2,400 |
| Precision Guided Airdropped Equipment | | 3,680 |
| Compact, Day and Night CMOS Camera for Mini and Micro UAVs | | 2,000 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Improved Lightweight Integrated Communication and Hearing Protection Device | | 800 |
| Flame and Thermal Protection for Individual Soldier | | 3,200 |
| Ballistic Precision Aerial Delivery System (BPADS) | | 1,000 |
| Aerial Firefighting - Precision Container Aerial Delivery System (PCADS) | | 2,320 |
| Ration Packaging Materials and Systems for MREs | | 3,600 |
| Compact MVCC Soldier Cooling System | | 1,600 |
| Multi-layer Coextrusion for High Performance Packaging | | 2,400 |
| J50 Unsustained Growth | | -3,000 |
| High Pressure Processing Prototype for Meals-Ready-to-Eat (MRE) | | 1,600 |
| Laser Studied and Enhanced Reactive Materials: Self-Decontaminating Polymers for Chemical-Biological Defense | | 1,600 |
| Novel Flame Retardant Nylon Fabrics | | 1,200 |
| Technology and Human Systems Integration | | 2,400 |
| **30 MEDICAL ADVANCED TECHNOLOGY** | **59,043** | **322,323** |
| Advanced Medical Multi-Missions and CASEVAC Roles (Note: VTOL man rated UAV/UGV) | | 800 |
| Advanced Restoration Therapies in Spinal Cord Injuries | | 2,000 |
| Alliance for NanoHealth (Note: Department of Defense Military Health System Enhancement) | | 3,200 |
| Anti-Terror Medical Technology Program | | 2,800 |
| Angiogenesis and Tissue Engineering Research | | 1,200 |
| Automated and Portable Field System for the Rapid Detection and Diagnosis of Diseases | | 1,600 |
| National Oncogenomics and Molecular Imaging Center | | 3,200 |
| Brain Interventional-Surgical Hybrid Initiative | | 1,600 |
| Brain, Biology, and Machine Applied Research | | 1,600 |
| Cellular Therapy for Battlefield Wounds (Phase II) | | 1,600 |
| Center for Integration of Medicine and Innovative Technology | | 8,000 |
| Center of Cardiac Surgery Robotic Computerized Telemanipulation (Note: As part of a Comprehensive Approach to Advanced Heart care) | | 1,600 |
| Center of Genetic Origins of Cancer (Note: Department of Defense Military Health System Enhancement) | | 2,400 |
| Center for Untethered Health Care | | 1,000 |
| Chronic Tinnitus Treatment Program | | 1,000 |
| Clinical Looking Glass Project (Note: to Enhance the capabilities of the Fort Drum, New York Military Health System) | | 800 |
| Composite Tissue Allotransplantation Research and Clinical Program | | 1,600 |
| Corneal Wound Repair | | 5,500 |
| Extremity War Injury Research Foundation | | 800 |
| Fibrin Adhesive Stat (FAST) Dressing | | 3,000 |
| Host Pathogen Interaction Study | | 3,200 |
| Human Genomics, Molecular Epidemiology, and Clincal Diagnostics for Infectious Diseases (Note: Department of Defense Military Health System Enhancement) | | 1,160 |
| Infectious and Inflammatory Disease Center at the Burham Institute for Medical Research (Note: Department of Defense Military Health System Enhancement) | | 2,400 |
| Institute for the Advancement of Bloodless Medicine | | 1,600 |
| Institute of Surgical and Interventional Simulation (ISIS) | | 4,400 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Integrated Functional Materials | | 800 |
| Joint Collaborative Medical Information System (JCMIS) | | 3,200 |
| Limb Tissue Regeneration after Battlefield Injuries using Bone Marrow Stem Cells | | 3,000 |
| Limb Regeneration Through Biometrics Technology | | 800 |
| Linear Accelerator Cancer Research | | 800 |
| Mary Bird Perkins Cancer Center (Note: A treatment Planning Research Laboratory for High Performance Computing and Radiation Dose Effects for the Department of Defense) | | 2,400 |
| Mass Scale Biosensor Threat Diagnostic for In-Theater Defense Utilization (FIU) | | 1,600 |
| Maine Institute for Human Genetics and Health | | 1,600 |
| Midwest Traumatic Injury Rehabilitation Center | | 1,460 |
| Military Low Vision Research | | 1,600 |
| MUSC Cancer Genomics Research Collaborative | | 800 |
| Neuroimaging and Neuropsychiatric Trauma in Warfighters | | 5,000 |
| Assistive Technology Research Center at the National Rehabilitative Hospital | | 2,400 |
| National Warfighter Health Sustainment Study | | 800 |
| National Center of Opthamology Training and Education at Wills Eye Center | | 1,000 |
| Oncology Group Pediatric Cancer Research (CH) | | 1,600 |
| Prader Willi Syndrome (PWS) Research | | 1,600 |
| Prostate and Ovarian Cancer Biomarkers (Note: Department of Defense Military Health System Enhancement) | | 1,200 |
| Proteomics Project (CH-LA) | | 1,200 |
| Rehabilitation and Assistive Technologies to Enhance the Life of Individuals with Disabilities | | 800 |
| Remote Bio-Medical Detector | | 2,000 |
| Rural Health (CERMUSA) (Note: to serve remote and rural military retiree populations) | | 2,400 |
| Rugged Electronic Textile Vital Signs Monitoring | | 3,000 |
| Smart Prosthetics Research | | 1,600 |
| Southeast Nebraska Cancer Center-National Functional Genomics Center | | 1,200 |
| Spinal Muscular Atrophy (SMA) Research Program | | 3,200 |
| Strattice Dermal Matrix Research | | 2,400 |
| Technologies for Metabolic Monitoring (TMM) | | 800 |
| Telepharmacy Remote Medicine Device Unit (TRMDU) | | 1,400 |
| Trauma Hemostat | | 800 |
| Ultra High Speed MEMS Electromagnetic Cell Sorter (UHSMECS) | | 2,400 |
| Ultra-High Resolution Display for Army Medicine (UHRDARM) | | 4,000 |
| UMDJ Cancer Initiative | | 2,400 |
| Warfighter Cancer Care Engineering | | 2,400 |
| Wireless Electronic Patient Records | | 3,200 |
| National Functional Genomics Center | | 6,000 |
| Returning Soldier Adjustment Assessment Remote Monitoring System | | 3,120 |
| Controlled Release of Anti-Inflammatory and Tissue Repair Agents from Prosthetic Devices and Burn Treatment | | 6,000 |
| Green Environmentally Sustainable Laboratories and Clean Rooms (USAMRMC) | | 800 |
| Battlefield Exercise and Combat Related Spinal Cord Injury Research (Miami Project) | | 800 |
| Battlefield Nursing Program | | 1,600 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Personal Status Monitor | | 2,000 |
| Intensive Care Unit to Intensive Care Hospital | | 2,400 |
| Total Quality System for FDA Regulated Activities Database | | 1,440 |
| Accelerating Treatment for Trauma Wounds | | 1,200 |
| Feeding Tube for Battlefield Trauma Patients (Phase II) | | 1,600 |
| Gulf War Illness Peer-Reviewed Research Program | | 8,000 |
| Neurofibromatosis (NF) Research | | 10,000 |
| Military Adult Stem Cell Collection and Storage Project | | 800 |
| Medical Errors Reduction Initiative | | 400 |
| Neurotoxin Exposure Treatment Parkinsons Research Program | | 25,000 |
| 101st Airborne Injury Prevention & Performance Enhancement Research Initiative | | 2,000 |
| Advanced Lower Limb Prostheses for Battlefield Amputees | | 1,600 |
| Advanced Regenerative Medicine Therapies for Combat Injuries | | 3,000 |
| Advanced Surface Technologies for Prosthetic Development | | 1,600 |
| Battlefield Tracheal Intubation | | 4,200 |
| Biodefense Tech Transfer Initiative (only for militarily relevant technology) | | 1,500 |
| Bioelectrics Research for Casualty Care and Management | | 1,600 |
| Biosensor, Communicator and Controller System | | 5,000 |
| Blood, Medical & Food Safety Via Eco-Friendly Wireless Sensing | | 1,000 |
| Blood Safety and Decontamination Technology | | 1,600 |
| Combat Wound Initiative at WRAMC | | 1,600 |
| Control of Inflammation and Tissue Repair | | 3,200 |
| Health Sciences Regenerative Medicine Center | | 3,000 |
| Hibernation Genomics | | 2,000 |
| Integrated Patient Quality Program | | 1,600 |
| International Heart Institute/US Army Vascular Graft Research Project | | 1,000 |
| Medical Modeling and Simulation Through Synthetic Digital Genes | | 1,000 |
| Military Burn Trauma Research Program | | 4,000 |
| Military Nutrition Research: Personnel Readiness and Warfighter Performance | | 1,600 |
| Modular Stethoscope For Harsh Environments | | 1,200 |
| National Biodefense Training | | 5,000 |
| Novel Approaches to Reduce the Severity of Battlefield Combined Tissue Injury | | 1,600 |
| Online Medical Training for Military Personnel | | 2,800 |
| Portable Autonomous Fluid-less Near-infrared Non-invasive Alcohol Testing Devices | | 500 |
| Safe Airway Access in Combat | | 2,000 |
| Smart Prosthetic Hand Technology | | 1,600 |
| Solutions for Infection Control in Military Hospitals | | 2,000 |
| Staph Vaccine | | 4,000 |
| Trauma Care, Research and Training | | 2,400 |
| Weight Measurements and Standards for Military Personnel | | 2,000 |
| **31 AVIATION ADVANCED TECHNOLOGY** | **57,277** | **106,637** |
| Defense Helicopter Power Dense Transmission | | 1,280 |
| Drive System Composite Structural Component Risk Reduction Program | | 2,400 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Autonomous Cargo Acquisition for Rotorcraft Unmanned Aerial Vehicles | | 2,400 |
| Brownout Sensor Visualization and Hazard Avoidance System | | 800 |
| Heavy Fuel Burning Engines for UAVs | | 2,000 |
| Cutting Tools and Materials for Aerospace | | 800 |
| Non-Hazardous Infrared Anti-Reflective Coatings for Army Aircraft Sensors | | 1,200 |
| Reconfigurable Tooling System | | 1,600 |
| Mission Execution Technology Implementation | | 3,200 |
| Power Dense Transmissions | | 1,280 |
| Fuel Cells for Mobile Robotic Systems Project | | 800 |
| Universal Control Full Authority Digital Engine Control (FADEC) | | 3,200 |
| UAV-Resupply BURRO | | 1,200 |
| Inter Turbine Burner for Turbo Shaft Engines | | 3,200 |
| Improved Black Hawk De-Icing | | 800 |
| Technologies for Military Equipment Replenishment | | 3,600 |
| Army Aviation Weapon Technology | | 800 |
| Enhanced Rapid Tactical Integration and Fielding Systems (ERTIFS) | | 1,600 |
| Helicopter Vulnerability Reduction | | 2,400 |
| Next Generation Ice Protection Technologies | | 1,600 |
| Parts on Demand for CONUS Operations | | 5,000 |
| QuickMEDS | | 800 |
| UAS Sense and Avoid Concept Evaluation for Airspace Integration | | 2,400 |
| Vectored Thrust Ducted Propeller Compound Helicopter | | 5,000 |
| **32 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY** | **73,697** | **109,437** |
| Unjustified Program Growth | | -2,500 |
| Advanced Lightweight Gunner Protection Kit | | 1,200 |
| Lens-Less Micro Seeker System for Small Steerable Projectiles | | 1,600 |
| Micro Electrical Mechanical Systems (MEMS) Technology and Plastic Armor Applications | | 1,600 |
| Rapid Insertion of Developmental Technology | | 2,400 |
| Enhanced Jamming Resistant Technology for INS/GPS Precision Guided Munitions | | 1,600 |
| Lightweight Munitions and Surveillance System for Unmanned Air and Ground Vehicles | | 2,800 |
| Advanced Medium Caliber Tungsten Penetrators | | 1,600 |
| Titanium Powder Advanced Forged Parts Program | | 1,600 |
| Nanotechnology Fuze-On-A-Chip | | 2,800 |
| Advanced Prototyping with Non-Traditional Suppliers | | 3,200 |
| Precision Molding Manufacturing Technology for Infrared Aspheric Optics | | 2,320 |
| Advanced Fuzing Technologies | | 3,600 |
| Development of Truck Deployed Explosive Containment Vessel | | 1,600 |
| Hybrid Luminescent Ammunition | | 800 |
| Lightweight Cannon Recoil Reduction | | 1,920 |
| Nanotechnology Manufacturing Center | | 2,000 |
| Novel Guidance Kit - Phase 2 (NGK2) for M864 Projectile | | 4,000 |
| Raman Chemical ID System | | 1,600 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 33 | COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY | 107,992 | 264,752 |
| | Advanced Performance Transparent Armor for Tactical Wheeled Vehicles | | 1,200 |
| | Logistical Fuel Processors for Army Development Program | | 2,800 |
| | No-Idle Climate Control for Military Vehicles | | 1,600 |
| | JAMMA Lightweight, Armored, Hybrid, Power Generating, Tactical Vehicle | | 2,000 |
| | Tactical RPG Airbag Protection System (TRAPS) Enhancement | | 800 |
| | Model-Based Engineering Environment | | 800 |
| | Lithium Ion Battery Exchange Program | | 2,400 |
| | Medium Sized Unmanned Ground Vehicles Platform | | 2,000 |
| | Advanced Lithium Ion Phosphate Battery System for Army Combat Hybrid HMMWV and Other Army Vehicle Platforms | | 2,000 |
| | Dynamometer Facility Upgrade Program at TARDEC | | 3,200 |
| | Antiballistic Windshield Armor | | 3,600 |
| | Fire Shield | | 3,200 |
| | Commercially Viable Si/C Power Semiconductors Using Superlattice Technology | | 2,560 |
| | Stryker Second Source Tire Research | | 800 |
| | N-STEP-Enabled Manufacturing Cell for Future Combat Systems | | 2,400 |
| | Plug-In Hybrid Vehicle Electrification Program | | 3,200 |
| | Light Weight Medical Evacuation Unit | | 1,600 |
| | End-to-End Vehicle Survivability Technology | | 1,600 |
| | Diminishing Manufacturing Sources and Material Shortages Case Resolution Program | | 2,400 |
| | 3D2 Advanced Battery Technology | | 4,000 |
| | Vehicle Armor Structure Development and Testing for Future Combat Systems and Joint Light Tactical Vehicle | | 800 |
| | MRAP Supportability System (MSS) | | 4,000 |
| | Magneto-Rheological (MR) Suspensions for Tactical Wheeled Vehicles | | 2,400 |
| | Advanced Lightweight Multi-Functional Multi-Threat Composite Armor Technology | | 2,400 |
| | Hydraulic Hybrid Vehicles (HHV) for the Tactical Wheel Fleet | | 800 |
| | Base Security Systems | | 1,200 |
| | Auxiliary Power Unit (APU) for the Abrams M1/A2 Tank | | 2,400 |
| | C4ISR Auxiliary Power Unit (APU) for Soldier Tactical Applications | | 1,600 |
| | Tactical Wheeled Vehicle Structures for Improved Survivability and Performance | | 8,000 |
| | Advanced Composites for Light Weight, Low Cost Transportation Systems using 3+ Ring Extruder | | 2,400 |
| | Advanced Thermal Management System | | 2,400 |
| | Ceramic and Metal Matrix Composite (MMC) Armor Development Using Ring Extruder Technology | | 800 |
| | Next Generation Diesel Engine for Ground Vehicles | | 4,000 |
| | Wireless Analysis and Visualization Engines for Sensors (WAVES) | | 800 |
| | Joint Combat Support Trailer | | 3,200 |
| | Advanced Digital Hydraulic Hybrid Drive System | | 2,000 |
| | Advanced Drivetrains for Enhanced Mobility and Safety | | 1,600 |
| | Advanced Corrosion Protection for Military Vehicles | | 2,400 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Advanced Hybrid Electric Vehicle Technologies for Fuel Efficient Blast Protected Vehicles | | 1,200 |
| | Alternative Energy Research | | 20,000 |
| | Applied Power Management Control and Integration | | 800 |
| | Combat Vehicle Electrical Power-21st Century (CVEP-21) | | 800 |
| | Crosshairs Hostile Fire Indicating System | | 2,000 |
| | Enhanced Military Vehicle Maintenance System Demonstration Project with Anniston Army Depot and Auburn University | | 1,600 |
| | FCV Advanced Suspension System | | 1,600 |
| | Ground Vehicle Integration Technologies | | 2,400 |
| | Ground-forces Readiness Enabler for Advanced Tactical Vehicles (GREAT-V) | | 800 |
| | Hull Humvee Protection Program | | 2,000 |
| | Hybrid Electric (Heavy Truck) Vehicle | | 2,400 |
| | Implementation of an Advanced Tactical Wheeled Armored Vehicle System | | 3,000 |
| | Light Tactical Vehicle Ambulance Shelter | | 2,400 |
| | Light Weight Structural Composite Armor for Blast and Ballistic Protection | | 1,600 |
| | Lightweight Partial Hybrid Electric Military Transport Vehicle | | 1,600 |
| | Michigan Technological University's Project for Diverse Sensing for Synergistic Force Protection in Urban Threat Environments | | 800 |
| | Next Generation Non-Tactical Vehicle Propulsion | | 1,600 |
| | Novel Onboard Hydrogen Storage System Development | | 800 |
| | Payload and Advanced Development for Next Generation Robot Platform | | 2,000 |
| | Power and Energy Research Equipment Upgrades | | 6,000 |
| | Robotics Vehicle Secure Communications | | 2,000 |
| | Unmanned Ground Vehicle Initiative (UGVI) | | 12,000 |
| 34 | **COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY** | **9,183** | **11,583** |
| | Vertical/Horizontal Integration of Space Technologies and Applications (VISTA) | | 2,400 |
| 36 | **ELECTRONIC WARFARE ADVANCED TECHNOLOGY** | **50,961** | **62,561** |
| | Applied Communications and Information Networking (ACIN) | | 3,200 |
| | Maritime C4ISR System | | 800 |
| | Advanced Wireless Technologies | | 1,200 |
| | Networked Dynamic Spectrum Access Investigation Enhanced MBITR | | 2,400 |
| | Portable Emergency Broadband System | | 4,000 |
| 38 | **NEXT GENERATION TRAINING & SIMULATION SYSTEMS** | **18,881** | **25,381** |
| | Joint Fires and Effects Training System (JFETS) | | 2,000 |
| | Joint Medical Simulation Technology Research and Development Center (JMSTRDC) | | 1,600 |
| | Experiential Technologies for Urban Warfare and Disaster Response | | 500 |
| | Mobile Medic Training Program | | 800 |
| | Vigilant Sentinel Auto-ID and Access Control System | | 1,600 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 41 | **EXPLOSIVES DEMILITARIZATION TECHNOLOGY** | **10,564** | **13,764** |
| | Transportable Cryofracture/Plasma Arc | | 1,600 |
| | Press-Loaded Explosive Projectile Washout Line | | 800 |
| | Unserviceable Ammunition Demilitarization via Chemical Dissolution | | 800 |
| 42 | **MILITARY HIV RESEARCH** | **7,116** | **15,116** |
| | HIV Research | | 8,000 |
| 45 | **ELECTRONIC WARFARE TECHNOLOGY** | **23,996** | **33,196** |
| | Advanced Communications ECM Demo | | 1,600 |
| | Non-communications ECM Technology Demo | | 1,200 |
| | Advanced IED Jammer Research and Development Program | | 2,000 |
| | ALQ-211 Networked EW Controller | | 1,600 |
| | Highly Mobile Remote Controlled IED Countermeasures | | 800 |
| | Aerial Canopy MASINT System | | 2,000 |
| 46 | **MISSILE AND ROCKET ADVANCED TECHNOLOGY** | **63,998** | **76,958** |
| | Rapid Response System for Active Protection of Ground and Air Vehicles | | 4,160 |
| | Advanced Commercial Technology Insertion for Aviation and Missile Research, Development, and Engineering | | 2,400 |
| | Army Responsive Tactical Space System Exerciser (ARTSSE) | | 2,000 |
| | Heavy Fuel High Efficiency Turbine Engine | | 2,000 |
| | High Fidelity Virtual Simulation and Analysis | | 1,600 |
| | Long Range Hypersonic Interceptor | | 800 |
| 48 | **LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY** | **30,797** | **37,657** |
| | Enhanced Landmine and IED Detection System | | 960 |
| | Advanced Demining Technology | | 5,900 |
| 50 | **NIGHT VISION ADVANCED TECHNOLOGY** | **39,916** | **70,916** |
| | Hyperspectral Sensor for Improved Force Protection (Hyper-IFP) | | 1,600 |
| | Brownout Situational Awareness Sensor | | 1,600 |
| | Personal Miniature Thermal Viewer | | 1,600 |
| | Night Vision Advanced Technology Research | | 12,000 |
| | Enhanced Digital Electronic Night-Vision (EDEN) | | 1,600 |
| | InfraRed Goggle Upgrade System (IRGUS) | | 800 |
| | Mini-LRAS3 Scout Surveillance System | | 1,600 |
| | Passive IR Sensor for Persistent Wide Area Surveillance | | 2,000 |
| | Short Range Electro Optic (SREO) | | 1,600 |
| | Smart Data Project: Real-Time Geospatial Video Sensor Intelligence | | 800 |
| | Smart Sensor Supercomputing Center | | 5,800 |
| 52 | **MILITARY ENGINEERING ADVANCED TECHNOLOGY** | **7,654** | **35,974** |
| | Enhanced Holographic Imager | | 2,480 |
| | Direct Methanol Fuel Cell Development | | 800 |
| | Synthetic Automotive Virtual Environments | | 2,400 |
| | Defense Applications of Carbonate Fuel Cells | | 1,600 |
| | Complete Molten Carbonate Fuel Cell Demonstrator - Parks Reserve Forces Training Area | | 1,600 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Nanotechnology for Potable Water and Waste Treatment | | 1,000 |
| | Human Terrain Geographic Decision Support | | 3,000 |
| | University Center for Disaster Preparedness and Emergency Response | | 1,600 |
| | Army Applications of Direct Carbon Fuel Cells | | 800 |
| | Conversion of Municipal Solid Waste to Renewable Diesel Fuel | | 1,600 |
| | Gas Engine Driven Air Conditioning (GEDAC) Demonstration | | 2,400 |
| | C-RAM Armor Development | | 800 |
| | Biomass-to-Liquid Using Synthetic Enzymes | | 2,000 |
| | Quiet, Low-Impact Alternative Energy Technology | | 2,240 |
| | Advanced Tactical Fuels for the U.S. Military | | 4,000 |
| 53 | **ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY** | **48,236** | **62,236** |
| | Advanced Radar Transceiver IC Development | | 800 |
| | VideoArgus | | 2,000 |
| | Foliage Penetrating, Reconnaissance, Surveillance, Tracking, and Engagement Radar (FORESTER) | | 3,200 |
| | Embedding Iris Recognition Technology On-board Warfighter Personal Equipment | | 800 |
| | Software Lifecycle Affordability Management Phase II (SLAM II) | | 800 |
| | CERDEC Airborne and Ground Wideband Digital Communications and Antenna Testbed | | 1,600 |
| | HYPERSAR | | 2,400 |
| | Radar Tag Emitters | | 2,400 |
| 55 | **ARMY MISSILE DEFENSE SYSTEMS INTEGRATION** | **14,005** | **91,065** |
| | Standoff Hazardous Agent Detection and Evaluation System | | 2,800 |
| | Biological Air Filtering System Technology | | 1,600 |
| | Advance Stand off Technologies for National Security | | 1,200 |
| | Remote Explosive Analysis and Detection System (READS) | | 2,240 |
| | High Detail Architecture Analysis Tool (HDAAT) | | 1,440 |
| | Processing DNA Data Using Classical Discrimination Techniques (PRODDUCT) | | 2,000 |
| | Radiation Hardening Initiative | | 2,400 |
| | Advanced Hypersonic Weapon Technology Demonstration | | 2,400 |
| | Advanced Electronics Rosebud Integration | | 3,200 |
| | Thermal and Electrical Nanoscale Transport (TENT) | | 1,600 |
| | Composite Structure Design | | 1,600 |
| | Micro-Systems Nanotechnology for Advanced Technology Development | | 1,000 |
| | Deployable Space and Electronic Warfare Analysis Tools | | 800 |
| | Compact Pulsed Power Initiative | | 3,000 |
| | Advanced Fuel Cell Research Program | | 3,000 |
| | Adaptive Lightweight Materials for Missile Defense | | 1,600 |
| | Advanced Cavitation Power Technology | | 4,400 |
| | Advanced Environmental Control Systems | | 5,500 |
| | Advanced Strap Down Seeker | | 5,000 |
| | Alternative Power Technology for Missile Defense | | 4,000 |
| | Detection Algorithms and Software for Force Protection | | 1,600 |
| | Detection, Mitigation and Neutralization of High Explosive, | | 3,500 |
| | Dielectrically Enhanced Sensor Systems (DESS) | | 1,200 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Future TOC Hardware/Software Integration | | 2,000 |
| | Heat Dissipation for Electronic Systems and Enclosures | | 2,000 |
| | High Speed Digital Imaging | | 4,500 |
| | High Temperature Polymers for Missile System Applications | | 3,200 |
| | Orion High Altitude Long Loiter (HALL) UAV | | 5,000 |
| | Vertical Integration for Missile Defense Surveillance Data | | 3,280 |
| 56 | **ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE)** | **19,986** | **47,986** |
| | High Fidelity Imaging System (HiFIS) | | 800 |
| | High Altitude Airship | | 3,200 |
| | Geospatial Airship Research Platform | | 2,800 |
| | Army Responsive Tactical Space (ARTS) | | 2,400 |
| | High Altitude Integration Testbed (HIT) | | 3,000 |
| | High Altitude Shuttle System for Battlespace Coverage | | 800 |
| | Low Cost Interceptor | | 2,400 |
| | Missile Attack Early Warning System (MAEWS) | | 2,000 |
| | Multipurpose Nanosat Missile System (MNMS) formerly Integrated Nanosat Delivery System (INDS) | | 6,000 |
| | Nanocomposite Enhanced Radar and Aerospace Materials | | 1,200 |
| | Positron Sensors and Energy Applications | | 3,000 |
| | Small Agile Satellites | | 400 |
| 57 | **AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING** | **116,410** | **119,210** |
| | Air, Space and Missile Defense Architecture Analysis Program (A3P) | | 1,200 |
| | Border Security and Defense Systems Research | | 1,600 |
| 59 | **LANDMINE WARFARE AND BARRIER - ADV DEV** | **29,234** | **14,234** |
| | AMDS program delays | | -15,000 |
| 61 | **TANK AND MEDIUM CALIBER AMMUNITION** | **45,866** | **40,866** |
| | Follow-on Cartridge Integration Test forward funding | | -5,000 |
| 62 | **ADVANCED TANK ARMAMENT SYSTEM (ATAS)** | **108,012** | **79,612** |
| | Stryker Common Active Protection System (APS) Radar | | 1,600 |
| | S-PIP change to acquisition strategy | | -30,000 |
| 63 | **SOLDIER SUPPORT AND SURVIVABILITY** | **30,716** | **25,716** |
| | REF - forward funding | | -5,000 |
| 66 | **ENVIRONMENTAL QUALITY TECHNOLOGY** | **5,355** | **15,355** |
| | Battlefield Asset Recovery Decontamination System (BARDS) | | 1,600 |
| | Plasma Energy Pyrolysis System (PEPS) Clean Fuels | | 800 |
| | Program Increase | | 4,000 |
| | Battlefield Plastic Biodiesel | | 1,600 |
| | Renewable Energy Testing Center | | 1,600 |
| | Demonstration/Evaluation Project at Travis Air Force Base (Note: To develop a greenhouse gas inventory and footprint utilizing a web-based Environmental Management Information System (EMIS)) | | 400 |
| 67 | **WARFIGHTER INFORMATION NETWORK-TACTICAL** | **414,357** | **394,357** |
| | Authorization adjustment | | -20,000 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 69 | **AVIATION - ADVANCED DEVELOPMENT** | **7,455** | **9,855** |
| | New High Temperature Domestic Sourced PES Foam Fabrication/Certification for DOD Aerospace Applications | | 2,400 |
| 72 | **MEDICAL SYSTEMS - ADVANCED DEVELOPMENT** | **26,308** | **30,308** |
| | Leishmania Skin Test | | 800 |
| | Garment-Based Physiological Monitoring Systems | | 1,600 |
| | Wireless Medical Monitoring System (WiMed) | | 1,600 |
| 73 | **SOLDIER SYSTEMS - ADVANCED DEVELOPMENT** | **36,558** | **41,758** |
| | Unjustified Program Growth | | -3,000 |
| | Acid Alkaline Direct Methanol Fuel Cell Technology | | 2,800 |
| | Individual Airburst Weapon System | | 1,000 |
| | High Explosive Air Burst (HEAB) 25mm Ammunition | | 4,400 |
| 78 | **ELECTRONIC WARFARE DEVELOPMENT** | **32,325** | **36,325** |
| | Hostile Fire Indicator | | 4,000 |
| 82 | **INFANTRY SUPPORT WEAPONS** | **42,414** | **58,254** |
| | Headborne Energy Analysis and Diagnostic System (HEADS) | | 1,600 |
| | Next Generation High Performance Ballistic Materials and Technologies Providing 7.62mm Small Arms Protection for US Armed Forces Helmets | | 1,440 |
| | Composite Bottles for Survival Egress Air | | 2,000 |
| | Lightweight Caliber .50 Machine Gun (LW50MG) | | 8,000 |
| | Next-generation Combat Helmet Development | | 2,800 |
| 85 | **FAMILY OF HEAVY TACTICAL VEHICLES** | **2,901** | **4,501** |
| | VIPER Mobile Power Development Project | | 800 |
| | Enhanced Ku-Band/L-Band Antenna System | | 800 |
| 89 | **NON-LIGHT OF SIGHT LAUNCH SYSTEM (NLOS-LS)** | **200,099** | **208,699** |
| | FCS Restructure: NLOS-LS National Security Agency Requirements | | 8,600 |
| 91 | **FCS MANNED GROUND VEHICLES & COMMON GROUND VEHICLE** | **774,257** | **785,257** |
| | FCS Restructure: Manned Ground Vehicle Work Delayed From Fiscal Year 2008 | | 11,000 |
| 92 | **FCS SYSTEMS OF SYSTEMS ENGR & PROGRAM MGMT** | **1,413,945** | **1,419,445** |
| | FCS Restructure: Work for Preliminary Design Review Delayed From Fiscal Year 2008 | | 5,500 |
| 93 | **FCS RECONNAISSANCE (UAV) PLATFORMS** | **34,379** | **57,379** |
| | Authorization Adjustment - Increased Level of Effort | | 12,000 |
| | FCS Restructure: UAV Work Delayed From Fiscal Year 2008 | | 11,000 |
| 94 | **FCS UNMANNED GROUND VEHICLES** | **96,918** | **103,318** |
| | Authorization Adjustment - Increased Level of Effort | | 6,400 |
| 95 | **FCS UNATTENDED GROUND SENSORS** | **12,967** | **17,067** |
| | FCS Restructure: Work Delayed From Fiscal Year 2008 | | 4,100 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **96 FCS SUSTAINMENT & TRAINING R&D** | **539,145** | **558,145** |
| FCS Restructure: Network National Security Agency Work Delayed From Fiscal Year 2008 | | 19,000 |
| **97 MODULAR BRIGADE ENHANCEMENT** | **64,900** | **111,400** |
| Authorization Adjustment - Increased Level of Effort | | 8,000 |
| FCS Restructure: Testing Delayed from Fiscal Year 2008 | | 21,500 |
| FCS Restructure: Evaluation Task Force Support | | 12,000 |
| FCS Restructure: TRADOC Support of Infantry Brigade Combat Team Studies | | 5,000 |
| **98 NIGHT VISION SYSTEMS - SDD** | **44,508** | **51,708** |
| Common Remote Stabilized Sensor System (CRS3) | | 2,800 |
| Soldier Worn Gunshot Detection System | | 2,400 |
| Automatic Aim-Point Targeting Technology with Enhanced Imaging | | 2,000 |
| **100 NON-SYSTEM TRAINING DEVICES - SDD** | **35,424** | **38,424** |
| Center of Excellence for Military Operations in Urban Terrain and Cultural Training | | 3,000 |
| **103 AUTOMATIC TEST EQUIPMENT DEVELOPMENT** | **23,582** | **18,582** |
| NGATS excessive growth | | -5,000 |
| **104 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)** | **16,095** | **17,775** |
| Joint Training Integration and Evaluation Center (JTIEC) | | 1,680 |
| **105 COMBINED ARMS TACTICAL TRAINER (CATT) CORE** | **29,468** | **30,668** |
| Light Utility Helicopter Simulator | | 1,200 |
| **107 WEAPONS AND MUNITIONS - SDD** | **52,140** | **58,140** |
| HYBRID Propellant for Medium and Large Caliber Ammunition | | 3,200 |
| Lightweight Multi-Functional Material Technology for Combat Munitions Logistics | | 800 |
| Extended Range Modular Sniper Rifle System | | 2,000 |
| **108 LOGISTICS AND ENGINEER EQUIPMENT - SDD** | **37,718** | **38,518** |
| CAMEL - Water transport system | | 800 |
| **110 MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT** | **34,971** | **45,371** |
| Rotary Valve Pressure Swing Absorption Oxygen Generator | | 800 |
| Plasma Sterilizer | | 3,200 |
| Lightweight Trauma Module | | 2,400 |
| Pharmaceutical Advanced Packaging | | 1,600 |
| LSTAT Advanced Medical Technologies | | 2,400 |
| **111 LANDMINE WARFARE/BARRIER - SDD** | **126,475** | **117,075** |
| Authorization Adjustment - Funding Ahead of Need | | -12,200 |
| Magneto Inductive Remote Activation Munition System (MI-RAMS) Frequency and Digital Enhancements | | 2,800 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **113 ARTILLERY MUNITIONS** | **78,197** | **79,397** |
| Advanced Cargo Projectile Technology | | 1,200 |
| **115 ARMY TACTICAL COMMAND & CONTROL HARDWARE AND SOFTWARE** | **67,535** | **65,535** |
| Common Software growth | | -2,000 |
| **117 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)** | **60,308** | **50,308** |
| Unjustified growth | | -10,000 |
| **119 SOLDIER SYSTEMS - WARRIOR DEM/VAL** | **15,790** | **17,790** |
| Optimized M-25 Soldier Fuel Cell System | | 2,000 |
| **120 ARTILLERY SYSTEMS** | **42,300** | **33,300** |
| Unjustified Program Growth | | -9,000 |
| **123 INFORMATION TECHNOLOGY DEVELOPMENT** | **73,740** | **68,040** |
| Health Informatics Initiative | | 2,500 |
| FBS unjustified growth | | -10,000 |
| Electric Commodity Project | | 800 |
| Health Information Technology Demonstration Project at Madigan Army Medical Center and Puget Sound VA Medical Center | | 1,000 |
| **126 THREAT SIMULATOR DEVELOPMENT** | **21,416** | **25,176** |
| Electronic Combat and Counter Terrorism Threat Developments to Support Joint Forces | | 3,760 |
| **130 RAND ARROYO CENTER** | **16,339** | **20,339** |
| Rand Arroyo Center Program Adjustment | | 4,000 |
| **132 CONCEPTS EXPERIMENTATION PROGRAM** | **28,271** | **34,031** |
| Gunfire Detection Systems for Unmanned Aerial Vehicles | | 800 |
| Arabic Language Training Program | | 960 |
| Automated Communications Support System for Warfighters, Intelligence Community, Linguists, and Analysts | | 1,600 |
| Moving Vehicle BAT Face Recognition Surveillance System | | 1,200 |
| Technology for Rapid Foreign Language Acquisitions for Specialized Military and Intelligence Purposes | | 1,200 |
| **134 ARMY TEST RANGES AND FACILITIES** | **342,079** | **347,579** |
| Cold Regions Test Center Distributed Test Coordination Cell | | 1,500 |
| Test Support Infrastructure Darning and Trafficability Study | | 4,000 |
| **135 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS** | **74,624** | **80,974** |
| Mobile Optical Tracking System (MOTS) All Sky Imager (MASI) | | 1,200 |
| Dugway Lidar and Modeling Improvements | | 2,400 |
| Enhanced Robotic Manipulators for Defense Applications | | 750 |
| Joint Urban Environment Test Capability | | 2,000 |
| **137 DOD HIGH ENERGY LASER TEST FACILITY** | **2,835** | **6,835** |
| DOD High Energy Laser Test Facility | | 4,000 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **142 SUPPORT OF OPERATIONAL TESTING** | **72,942** | **74,942** |
| MATTRACKS | | 2,000 |
| **146 TECHNICAL INFORMATION ACTIVITIES** | **42,905** | **44,505** |
| Knowledge, Innovation and Technology Sharing Program | | 1,600 |
| **147 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY** | **20,857** | **48,057** |
| Joint Munitions and Lethality Mission Integration | | 1,600 |
| Joint Munitions and Lethality Warfighter Technology Insertion | | 2,400 |
| Advanced Cluster Energetics | | 3,200 |
| Medium Caliber Metal Parts Upgrade | | 2,600 |
| Domestically Produced Atomized Magnesium for Defense | | 800 |
| Virtual Opportunity and Information Center | | 1,000 |
| Hybrid Protective Armor Systems | | 4,000 |
| Domestic Production of Nanodiamond for Military Operations | | 1,600 |
| Defense Materials Technology Center | | 3,000 |
| Depleted Uranium Sensing and Treatment for Removal (DUSTR) Program | | 4,000 |
| Titanium Extraction, Mining and Process Engineering Research (TEMPER) | | 3,000 |
| **154 ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM** | **15,860** | **16,660** |
| Fire Support Technology Improvement Program | | 800 |
| **155 COMBAT VEHICLE IMPROVEMENT PROGRAMS** | **141,114** | **143,514** |
| Ground Combat Systems Electronic Enhancements | | 2,400 |
| **157 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS** | **452,787** | **460,937** |
| Operator Situational Awareness System - MEDEVAC | | 1,750 |
| CH-47 Chinook Helicopter Accessory Gear Box (AGB) Improvement | | 800 |
| OH-58D Kiowa Warrior Vehicle Health and Usage Management System (VHUMS) Demonstration | | 2,400 |
| CH-47 Integrated Vehicle Health Management System (IVHMS) | | 3,200 |
| **160 FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB2)** | **38,418** | **23,418** |
| JBC-P lack of acquisition strategy | | -15,000 |
| **163 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS** | **1,527** | **5,227** |
| Close Combat Missile Modernization (Javelin) | | 3,700 |
| **169 SECURITY AND INTELLIGENCE ACTIVITIES** | **0** | **3,200** |
| Mobile Object Search Toolkit for Intelligence Analysts | | 3,200 |
| **170 INFORMATION SYSTEMS SECURITY PROGRAM** | **38,090** | **41,290** |
| Information Assurance Development | | 1,600 |
| Biometrics DNA Applications | | 1,600 |
| **172 SATCOM GROUND ENVIRONMENT (SPACE)** | **106,327** | **59,099** |
| Excess to Requirement | | -47,228 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **175 TACTICAL UNMANNED AERIAL VEHICLES** | **50,976** | **104,276** |
| Sky Warrior - Army Requested Transfer from OP,A line 61 | | 49,300 |
| Shadow Tactical Unmanned Aerial System Flight in the National Airspace | | 4,000 |
| **177 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS** | **0** | **3,600** |
| Effect Based Approach to Operations | | 1,600 |
| Heuristic Internet Protocol Packet Inspection Engine (HIPPIE) | | 2,000 |
| **179 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES** | **69,084** | **91,084** |
| Solid State Processing of Titanium Alloys for Defense Materiel Armaments | | 1,440 |
| Spring Suspended Airless Tires for Convoy Protection | | 2,800 |
| Smart Machine Platform Initiative | | 4,000 |
| Network Centric Prototype Manufacturing | | 4,000 |
| Vehicle Common Armor Manufacturing Process (VCAMP) | | 2,000 |
| Advanced Modeling Technology for Large Structure Titanium Machining Initiative | | 800 |
| Legacy Aerospace Gear Drive Re-Engineering Initiative | | 2,000 |
| Manufacturing Metrology for Weapon System Production and Sustainment (M2WSPS) | | 1,760 |
| Near-Net Shaped Direct-Sintered Silicon Carbide Torso Plates | | 1,600 |
| Superior Weapons Systems Through Castings | | 1,600 |
| **999 CLASSIFIED PROGRAMS** | **105,047** | **112,647** |
| Asymmetric Threat Response and Analysis Program (ATRAP) | | 2,400 |
| Silver Fox and Manta UAS | | 2,000 |
| Constant Look Operational Support Environment (CLOSE) | | 1,600 |
| BLOS Network for MASINT Sensors | | 800 |
| Blast Damage Assessment Risk Analysis and Mitigation Application - Enhancements (BRAMA-E) | | 800 |

AERIAL CANOPY SENSOR DELIVERY SYSTEM

The Department of Defense Appropriations Act, 2008, provided in Research, Development, Test and Evaluation, Defense-Wide, $1,000,000 in Line 27, SO/LIC Advanced Development, for Aerial Canopy Sensor Delivery System. U.S. Special Operations Command and the Army now concur that the proper account for funding this program is Research, Development, Test and Evaluation, Army, Line 45, Electronic Warfare Technology. The Secretary of Defense is directed to initiate a reprogramming action to provide the funds to the Army for proper execution.

WARFIGHTER INFORMATION NETWORK—TACTICAL (WIN–T)

The budget request for fiscal year 2009 contains $414,357,000 for Warfighter Information Network—Tactical (WIN–T) research and development. Within that amount, $330,438,000 is to continue research and development efforts for WIN–T Increment 3, full networking on the move. There is concern with the lack of definitized requirements and program costs for Increment 3. Additionally, the revised program acquisition baseline is not expected to be completed until almost two years after the Nunn-McCurdy breach, creating an uncertain basis for the budget request. Therefore, the amount proposed in the budget request has been reduced by $20,000,000. Additionally, the Comptroller General is directed to continue his review of the WINT program under the guidelines set forth in Senate Report 110–155.

TUNGSTEN/COBALT ALLOY CARCINOGEN STUDY

There is concern with the potential carcinogenic nature of tungsten/cobalt alloys and the Army is encouraged, in conjunction with the research community, to undertake a study to determine if tungsten/cobalt alloys are a probable human carcinogen in either the manufacturing or employment of ammunition and other defense equipment.

ROCK ISLAND ARSENAL

The Rock Island Arsenal is undertaking efforts to demonstrate small scale, clean energy conversion technology to provide an uninterruptible source of energy for potential use at Department of Defense facilities. The Army is encouraged to determine what environmental, economic, and safety benefits might be achieved by this energy initiative.

NEUROTOXIN EXPOSURE TREATMENT PARKINSON'S RESEARCH PROGRAM

The United States Army Medical Research and Materiel Command (USAMRMC) is advancing research in investigating the underlying biologic mechanisms and therapeutic interventions of neuro-degenerative effects caused by deployment, environmental and occupational exposures. Therefore, $25,000,000 is recommended for the continuation of this vital research and other neurological disorders through collaborative work between the military, a non-profit organization and an academic laboratory with distinguished scientific credentials in this field.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

For Research, Development, Test and Evaluation, Navy, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY | | | |
| | BASIC RESEARCH | | | |
| 1 | UNIVERSITY RESEARCH INITIATIVES | 103,707 | 108,907 | +5,200 |
| 2 | IN-HOUSE LABORATORY INDEPENDENT RESEARCH | 17,298 | 17,298 | --- |
| 3 | DEFENSE RESEARCH SCIENCES | 407,271 | 421,171 | +13,900 |
| | TOTAL, BASIC RESEARCH | 528,276 | 547,376 | +19,100 |
| | APPLIED RESEARCH | | | |
| 4 | POWER PROJECTION APPLIED RESEARCH | 79,913 | 99,113 | +19,200 |
| 5 | FORCE PROTECTION APPLIED RESEARCH | 131,310 | 187,410 | +56,100 |
| 6 | MARINE CORPS LANDING FORCE TECHNOLOGY | 36,480 | 42,980 | +6,500 |
| 7 | MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY | --- | 7,300 | +7,300 |
| 8 | COMMON PICTURE APPLIED RESEARCH | 77,054 | 85,554 | +8,500 |
| 9 | WARFIGHTER SUSTAINMENT APPLIED RESEARCH | 93,862 | 116,102 | +22,240 |
| 10 | RF SYSTEMS APPLIED RESEARCH | 54,830 | 59,870 | +5,040 |
| 11 | OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH | 47,278 | 51,678 | +4,400 |
| 12 | JOINT NON-LETHAL WEAPONS APPLIED RESEARCH | 6,084 | 6,084 | --- |
| 13 | UNDERSEA WARFARE APPLIED RESEARCH | 58,658 | 65,458 | +6,800 |
| 14 | MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH | 47,869 | 54,869 | +7,000 |
| | TOTAL, APPLIED RESEARCH | 633,338 | 776,418 | +143,080 |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 15 | POWER PROJECTION ADVANCED TECHNOLOGY | 60,360 | 82,160 | +21,800 |
| 16 | FORCE PROTECTION ADVANCED TECHNOLOGY | 55,099 | 113,859 | +58,760 |
| 17 | COMMON PICTURE ADVANCED TECHNOLOGY | 104,578 | 90,378 | -14,200 |
| 18 | WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY | 112,520 | 137,880 | +25,360 |
| 19 | RF SYSTEMS ADVANCED TECHNOLOGY | 37,058 | 56,058 | +19,000 |
| 20 | MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD) | 100,787 | 103,667 | +2,880 |
| 21 | JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT | 11,020 | 13,020 | +2,000 |
| 22 | WARFIGHTER PROTECTION ADVANCED TECHNOLOGY | 12,129 | 53,929 | +41,800 |
| 23 | UNDERSEA WARFARE ADVANCED TECHNOLOGY | 81,490 | 83,890 | +2,400 |
| 24 | NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS | 70,216 | 66,416 | -3,800 |
| 25 | MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY | 33,426 | 34,626 | +1,200 |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 678,683 | 835,883 | +157,200 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | DEMONSTRATION & VALIDATION | | | |
| 26 | AIR/OCEAN TACTICAL APPLICATIONS | 66,133 | 67,733 | +1,600 |
| 27 | AVIATION SURVIVABILITY | 5,917 | 13,717 | +7,800 |
| 28 | DEPLOYABLE JOINT COMMAND AND CONTROL | 5,905 | 7,105 | +1,200 |
| 29 | ASW SYSTEMS DEVELOPMENT | 28,799 | 37,199 | +8,400 |
| 30 | TACTICAL AIRBORNE RECONNAISSANCE | 4,298 | 4,298 | --- |
| 31 | ADVANCED COMBAT SYSTEMS TECHNOLOGY | 4,367 | 7,167 | +2,800 |
| 32 | SURFACE AND SHALLOW WATER MINE COUNTERMEASURES | 119,164 | 123,429 | +4,265 |
| 33 | SURFACE SHIP TORPEDO DEFENSE | 49,171 | 51,731 | +2,560 |
| 34 | CARRIER SYSTEMS DEVELOPMENT | 120,511 | 148,111 | +27,600 |
| 35 | SHIPBOARD SYSTEM COMPONENT DEVELOPMENT | 4,003 | 26,903 | +22,900 |
| 36 | PILOT FISH | 86,017 | 86,017 | --- |
| 37 | RETRACT LARCH | 93,078 | 93,078 | --- |
| 38 | RETRACT JUNIPER | 159,175 | 159,175 | --- |
| 39 | RADIOLOGICAL CONTROL | 1,094 | 1,094 | --- |
| 40 | SURFACE ASW | 29,574 | 48,374 | +18,800 |
| 42 | ADVANCED SUBMARINE SYSTEM DEVELOPMENT | 141,720 | 151,400 | +9,680 |
| 43 | SUBMARINE TACTICAL WARFARE SYSTEMS | 10,212 | 13,812 | +3,600 |
| 44 | SHIP CONCEPT ADVANCED DESIGN | 31,111 | 38,311 | +7,200 |
| 45 | SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES | 14,627 | 24,867 | +10,240 |
| 46 | ADVANCED NUCLEAR POWER SYSTEMS | 158,270 | 158,270 | --- |
| 47 | ADVANCED SURFACE MACHINERY SYSTEMS | --- | 2,000 | +2,000 |
| 48 | CHALK EAGLE | 352,858 | 352,858 | --- |
| 49 | LITTORAL COMBAT SHIP (LCS) | 371,008 | 369,308 | -1,700 |
| 50 | COMBAT SYSTEM INTEGRATION | 54,401 | 64,401 | +10,000 |
| 51 | CONVENTIONAL MUNITIONS | 8,124 | 8,124 | --- |
| 52 | MARINE CORPS ASSAULT VEHICLES | 316,052 | 256,052 | -60,000 |
| 54 | MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM | 59,049 | 65,449 | +6,400 |
| 55 | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT | 115,086 | 115,086 | --- |
| 56 | COOPERATIVE ENGAGEMENT | 38,316 | 43,116 | +4,800 |
| 57 | OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT | 7,737 | 7,737 | --- |
| 58 | ENVIRONMENTAL PROTECTION | 19,632 | 20,832 | +1,200 |
| 59 | NAVY ENERGY PROGRAM | 5,611 | 10,311 | +4,700 |
| 60 | FACILITIES IMPROVEMENT | 4,086 | 18,886 | +14,800 |
| 61 | CHALK CORAL | 117,543 | 117,543 | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 62 | NAVY LOGISTIC PRODUCTIVITY | 2,846 | 17,846 | +15,000 |
| 63 | RETRACT MAPLE | 138,091 | 138,091 | --- |
| 64 | LINK PLUMERIA | 60,444 | 60,444 | --- |
| 65 | RETRACT ELM | 139,139 | 139,139 | --- |
| 66 | SHIP SELF DEFENSE | 11,001 | 11,001 | --- |
| 67 | LINK EVERGREEN | 75,995 | 75,995 | --- |
| 68 | SPECIAL PROCESSES | 60,678 | 60,678 | --- |
| 69 | NATO RESEARCH AND DEVELOPMENT | 10,129 | 10,129 | --- |
| 70 | LAND ATTACK TECHNOLOGY | 40,028 | 18,042 | -21,986 |
| 71 | NONLETHAL WEAPONS | 46,902 | 49,302 | +2,400 |
| 72 | JOINT PRECISION APPROACH AND LANDING SYSTEMS | 99,929 | 77,429 | -22,500 |
| 73 | SINGLE INTEGRATED AIR PICTURE (SIAP) SYSTEM ENGINEER | 41,807 | 41,807 | --- |
| 75 | DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS | --- | 4,560 | +4,560 |
| 76 | TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES | 63,244 | 66,844 | +3,600 |
| 79 | SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE | 47,518 | 48,318 | +800 |
| | TOTAL, DEMONSTRATION & VALIDATION | 3,440,400 | 3,533,119 | +92,719 |
| | ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| 80 | OTHER HELO DEVELOPMENT | 58,210 | 58,210 | --- |
| 81 | AV-8B AIRCRAFT - ENG DEV | 29,924 | 29,924 | --- |
| 82 | STANDARDS DEVELOPMENT | 71,920 | 67,020 | -4,900 |
| 83 | MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT | 70,329 | 70,329 | --- |
| 84 | AIR/OCEAN EQUIPMENT ENGINEERING | 5,750 | 5,750 | --- |
| 85 | P-3 MODERNIZATION PROGRAM | 3,589 | 3,589 | --- |
| 86 | WARFARE SUPPORT SYSTEM | 8,611 | 12,611 | +4,000 |
| 87 | TACTICAL COMMAND SYSTEM | 128,742 | 102,742 | -26,000 |
| 88 | ADVANCED HAWKEYE | 484,159 | 484,159 | --- |
| 89 | H-1 UPGRADES | 3,795 | 3,795 | --- |
| 90 | ACOUSTIC SEARCH SENSORS | 45,790 | 39,790 | -6,000 |
| 91 | V-22A | 68,763 | 68,763 | --- |
| 92 | AIR CREW SYSTEMS DEVELOPMENT | 16,192 | 16,192 | --- |
| 93 | EA-18 | 128,906 | 130,106 | +1,200 |
| 94 | ELECTRONIC WARFARE DEVELOPMENT | 106,932 | 90,932 | -16,000 |
| 95 | VHXX EXECUTIVE HELO DEVELOPMENT | 1,047,835 | 835,000 | -212,835 |
| 96 | JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY) | 834,650 | 848,150 | +13,500 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 97 | SC-21 TOTAL SHIP SYSTEM ENGINEERING | 678,936 | 598,036 | -80,900 |
| 98 | SURFACE COMBATANT COMBAT SYSTEM ENGINEERING | 188,500 | 200,900 | +12,400 |
| 99 | LPD-17 CLASS SYSTEMS INTEGRATION | 985 | 985 | --- |
| 100 | SMALL DIAMETER BOMB (SDB) | 19,574 | 19,574 | --- |
| 101 | STANDARD MISSILE IMPROVEMENTS | 234,653 | 237,653 | +3,000 |
| 102 | AIRBORNE MCM | 39,882 | 41,882 | +2,000 |
| 103 | NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG. | 10,533 | 13,333 | +2,800 |
| 104 | ADVANCED ABOVE WATER SENSORS | 153,558 | 139,158 | -14,400 |
| 105 | SSN-688 AND TRIDENT MODERNIZATION | 143,453 | 143,453 | --- |
| 106 | AIR CONTROL | 8,191 | 8,191 | --- |
| 107 | SHIPBOARD AVIATION SYSTEMS | 42,843 | 45,643 | +2,800 |
| 108 | COMBAT INFORMATION CENTER CONVERSION | 14,792 | 17,792 | +3,000 |
| 109 | NEW DESIGN SSN | 167,357 | 190,357 | +23,000 |
| 111 | SUBMARINE TACTICAL WARFARE SYSTEM | 58,592 | 66,592 | +8,000 |
| 112 | SHIP CONTRACT DESIGN/ LIVE FIRE T&E | 72,932 | 81,132 | +8,200 |
| 113 | MINE DEVELOPMENT | 2,008 | 2,008 | --- |
| 115 | LIGHTWEIGHT TORPEDO DEVELOPMENT | 50,732 | 52,332 | +1,600 |
| 116 | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT | 10,858 | 10,858 | --- |
| 117 | PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS | 5,263 | 5,263 | --- |
| 118 | JOINT STANDOFF WEAPON SYSTEMS | 22,510 | 22,510 | --- |
| 119 | SHIP SELF DEFENSE (DETECT & CONTROL) | 35,999 | 44,999 | +9,000 |
| 120 | SHIP SELF DEFENSE (ENGAGE: HARD KILL) | 36,238 | 46,938 | +10,700 |
| 121 | SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) | 57,574 | 63,974 | +6,400 |
| 122 | INTELLIGENCE ENGINEERING | 13,750 | 13,750 | --- |
| 123 | MEDICAL DEVELOPMENT | 7,833 | 39,833 | +32,000 |
| 124 | NAVIGATION/ID SYSTEM | 49,007 | 49,007 | --- |
| 125 | DISTRIBUTED SURVEILLANCE SYSTEM | --- | 2,000 | +2,000 |
| 126 | JOINT STRIKE FIGHTER (JSF) | 1,532,748 | 1,749,348 | +216,600 |
| 127 | INFORMATION TECHNOLOGY DEVELOPMENT | 30,238 | 30,238 | --- |
| 128 | INFORMATION TECHNOLOGY DEVELOPMENT | 72,497 | 91,897 | +19,400 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 130 | CH-53K | 570,484 | 570,484 | --- |
| 131 | C/KC-130 AVIONICS MODERNIZATION PROGRAM (AMP) | 24,407 | 24,407 | --- |
| 132 | JOINT AIR-TO-GROUND MISSILE (JAGM) | 62,324 | 62,324 | --- |
| 133 | MULTI-MISSION MARITIME AIRCRAFT (MMA) | 1,132,026 | 1,132,026 | --- |
| 134 | TACTICAL CRYPTOLOGIC SYSTEMS | 16,678 | 18,278 | +1,600 |
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 8,682,052 | 8,704,217 | +22,165 |
| | RDT&E MANAGEMENT SUPPORT | | | |
| 135 | THREAT SIMULATOR DEVELOPMENT | 24,959 | 24,959 | --- |
| 136 | TARGET SYSTEMS DEVELOPMENT | 80,337 | 80,337 | --- |
| 137 | MAJOR T&E INVESTMENT | 42,391 | 52,191 | +9,800 |
| 138 | STUDIES AND ANALYSIS SUPPORT - NAVY | 8,084 | 8,084 | --- |
| 139 | CENTER FOR NAVAL ANALYSES | 49,745 | 49,745 | --- |
| 141 | SMALL BUSINESS INNOVATIVE RESEARCH | --- | 400 | +400 |
| 142 | TECHNICAL INFORMATION SERVICES | 713 | 15,613 | +14,900 |
| 143 | MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT | 51,568 | 51,568 | --- |
| 144 | STRATEGIC TECHNICAL SUPPORT | 3,597 | 3,597 | --- |
| 145 | RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT | 69,913 | 69,913 | --- |
| 147 | RDT&E SHIP AND AIRCRAFT SUPPORT | 195,017 | 195,017 | --- |
| 148 | TEST AND EVALUATION SUPPORT | 356,254 | 346,254 | -10,000 |
| 149 | OPERATIONAL TEST AND EVALUATION CAPABILITY | 12,195 | 12,195 | --- |
| 150 | NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT | 2,708 | 2,708 | --- |
| 151 | SEW SURVEILLANCE/RECONNAISSANCE SUPPORT | 25,358 | 25,358 | --- |
| 152 | MARINE CORPS PROGRAM WIDE SUPPORT | 24,687 | 30,287 | +5,600 |
| 153 | TACTICAL CRYPTOLOGIC ACTIVITIES | 1,998 | 1,998 | --- |
| 154 | SERVICE SUPPORT TO JFCOM, JNTC | 5,148 | 5,148 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 954,672 | 975,372 | +20,700 |
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 157 | HARPOON MODIFICATIONS | 68,214 | 68,214 | --- |
| 158 | UNMANNED COMBAT AIR VEHICLE (UCAV) ADVANCED COMPONENT | 275,823 | 275,823 | --- |
| 159 | STRATEGIC SUB & WEAPONS SYSTEM SUPPORT | 80,120 | 78,774 | -1,346 |
| 160 | SSBN SECURITY TECHNOLOGY PROGRAM | 34,131 | 34,131 | --- |
| 161 | SUBMARINE ACOUSTIC WARFARE DEVELOPMENT | 7,384 | 7,384 | --- |
| 162 | NAVY STRATEGIC COMMUNICATIONS | 47,495 | 43,495 | -4,000 |
| 163 | RAPID TECHNOLOGY TRANSITION (RTT) | 34,469 | 34,469 | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 164 | F/A-18 SQUADRONS | 71,232 | 73,632 | +2,400 |
| 165 | E-2 SQUADRONS | 54,096 | 54,096 | --- |
| 166 | FLEET TELECOMMUNICATIONS (TACTICAL) | 26,696 | 26,696 | --- |
| 167 | TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) | 14,212 | 18,212 | +4,000 |
| 168 | INTEGRATED SURVEILLANCE SYSTEM | 20,565 | 28,765 | +8,200 |
| 169 | AMPHIBIOUS TACTICAL SUPPORT UNITS | 2,325 | 2,325 | --- |
| 170 | CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT | 28,017 | 27,657 | -360 |
| 171 | CRYPTOLOGIC DIRECT SUPPORT | 1,441 | 1,441 | --- |
| 172 | ELECTRONIC WARFARE (EW) READINESS SUPPORT | 24,276 | 24,276 | --- |
| 173 | HARM IMPROVEMENT | 31,427 | 33,927 | +2,500 |
| 174 | TACTICAL DATA LINKS | 4,247 | 4,247 | --- |
| 175 | SURFACE ASW COMBAT SYSTEM INTEGRATION | 21,720 | 22,520 | +800 |
| 176 | MK-48 ADCAP | 15,879 | 26,279 | +10,400 |
| 177 | AVIATION IMPROVEMENTS | 122,906 | 100,266 | -22,640 |
| 178 | NAVY SCIENCE ASSISTANCE PROGRAM | 3,625 | 3,625 | --- |
| 179 | OPERATIONAL NUCLEAR POWER SYSTEMS | 71,576 | 71,576 | --- |
| 180 | MARINE CORPS COMMUNICATIONS SYSTEMS | 273,696 | 281,416 | +7,720 |
| 181 | MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS | 136,080 | 119,380 | -16,700 |
| 182 | MARINE CORPS COMBAT SERVICES SUPPORT | 9,646 | 9,646 | --- |
| 183 | TACTICAL AIM MISSILES | 6,679 | 6,679 | --- |
| 184 | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) | 8,556 | 8,556 | --- |
| 185 | JOINT HIGH SPEED VESSEL (JHSV) | 11,960 | 11,960 | --- |
| 188 | TECHNICAL RECONNAISSANCE AND SURVEILLANCE | --- | 2,000 | +2,000 |
| 190 | SATELLITE COMMUNICATIONS (SPACE) | 652,463 | 653,263 | +800 |
| 191 | INFORMATION SYSTEMS SECURITY PROGRAM | 27,037 | 33,737 | +6,700 |
| 192 | JOINT COMMAND AND CONTROL PROGRAM (JC2) | 2,000 | 2,000 | --- |
| 193 | JOINT COMMAND AND CONTROL PROGRAM (JC2) | 4,148 | 4,148 | --- |
| 194 | COBRA JUDY | 101,114 | 101,114 | --- |
| 195 | NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE (METOC) | 8,208 | 8,208 | --- |
| 196 | JOINT MILITARY INTELLIGENCE PROGRAMS | 4,614 | 4,614 | --- |
| 197 | TACTICAL UNMANNED AERIAL VEHICLES | 45,717 | 51,817 | +6,100 |
| 198 | ENDURANCE UNMANNED AERIAL VEHICLES | 480,098 | 433,698 | -46,400 |
| 199 | AIRBORNE RECONNAISSANCE SYSTEMS | 55,719 | 66,519 | +10,800 |
| 200 | MANNED RECONNAISSANCE SYSTEMS | 13,982 | 19,882 | +5,900 |
| 201 | DISTRIBUTED COMMON GROUND SYSTEMS | 44,540 | 44,540 | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 202 | AERIAL COMMON SENSOR (ACS) | 74,604 | 74,604 | --- |
| 203 | MODELING AND SIMULATION SUPPORT | 8,007 | 8,007 | --- |
| 204 | DEPOT MAINTENANCE (NON-IF) | 21,130 | 11,130 | -10,000 |
| 205 | AVIONICS COMPONENT IMPROVEMENT PROGRAM | 1,877 | 1,877 | --- |
| 206 | INDUSTRIAL PREPAREDNESS | 56,681 | 61,881 | +5,200 |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 3,110,432 | 3,082,506 | -27,926 |
| 999 | CLASSIFIED PROGRAMS | 1,309,385 | 1,309,385 | --- |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY | 19,337,238 | 19,764,276 | +427,038 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**(In thousands of dollars)**

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **1 UNIVERSITY RESEARCH INITIATIVES** | **103,707** | **108,907** |
| Program Growth | | -3,000 |
| Computational Modeling and High Performance Computing in Advanced Material Processing, Synthesis and Design | | 1,200 |
| National Security Training | | 1,600 |
| Human Neural Cell-Based Biosensor | | 1,000 |
| Low Acoustic and Thermal Signature Battlefield Power Source | | 2,000 |
| Next Generation Automated Technology for Landmine Detection | | 1,600 |
| Radiation Hardness and Survivability of Electronic Systems | | 800 |
| **3 DEFENSE RESEARCH SCIENCES** | **407,271** | **421,171** |
| Program Growth | | -5,000 |
| Biochemical Agent Detection | | 800 |
| Energetics S&T Workforce Development | | 4,500 |
| ONAMI Nanoelectronics and Nanometrology Initiative | | 4,000 |
| Research Support for Nanoscale Research Facility | | 2,800 |
| Center for Quantum Studies | | 1,200 |
| Evaluating ELF Signals in Maritime Environments | | 1,600 |
| Navy Science and Technology Outreach (N-STAR) - Maryland | | 1,000 |
| Texas Microfactory | | 3,000 |
| **4 POWER PROJECTION APPLIED RESEARCH** | **79,913** | **99,113** |
| Aging Military Aircraft Fleet Support | | 1,600 |
| Electronic Motion Actuation Systems | | 800 |
| High Energy Conventional Energetics (Phase II) | | 3,200 |
| High Power Free Electron Laser Development for Naval Applications | | 2,400 |
| Marine Mammal Hearing and Echolocation Research | | 1,600 |
| Millimeter Wave Imaging | | 1,600 |
| Strike Weapon Propulsion (SWEAP) | | 2,400 |
| Unmanned Aerial Vehicle Fuel Cell Power Source with Hybrid Reforming | | 1,600 |
| Combustion Light Gas Gun Projectile | | 4,000 |
| **5 FORCE PROTECTION APPLIED RESEARCH** | **131,310** | **187,410** |
| High Strength Welded Structures | | 800 |
| Integration of Electro-Kinetic Weapons into Next Generation of Navy Ships | | 4,500 |
| Lithium Batteries | | 1,600 |
| Lithium/Sulfur Chemistry Validation for Sonobuoy Application | | 1,600 |
| Naval Special Warfare 11m RIB Replacement Craft Design | | 800 |
| Planar Solid Oxide Fuel Cell System Demonstration at UTC SimCenter | | 3,500 |
| Standoff Explosive Detection System (SEDS) | | 1,200 |
| Advanced Simulation Tools for Aircraft Structures Made of Composite Materials | | 1,200 |
| Alternative Energy Research | | 20,000 |
| DEPUTEE - High Powered Microwave Non-Lethal Vehicle/Vessel Engine Disabling | | 1,600 |
| Harbor Shield – Homeland Defense Port Security Initiative | | 3,500 |
| High Power Density Propulsion and Power for USSVs | | 1,600 |
| High Speed ACRC & Composites Sea Lion Craft Development | | 2,000 |
| Lithium-Ion Cell Development with Electro Nano Materials | | 4,000 |
| Magnetic Refrigeration Technology | | 2,400 |
| Mk V.1 MAKO for Improved Signature and Weight Performance | | 2,000 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | PMRF Force Protection Lab | | 2,000 |
| | Shipboard Production of Synthetic Aviation Fuel | | 1,000 |
| | Solid Oxide Fuel Cell | | 800 |
| 6 | **MARINE CORPS LANDING FORCE TECHNOLOGY** | **36,480** | **42,980** |
| | High Power, Ultra-Lightweight Zinc-Air Battery | | 2,500 |
| | Warfighter Rapid Awareness Processing Technology | | 4,000 |
| 7 | **MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY** | **0** | **7,300** |
| | Novel Coating Technologies for Military Equipment | | 4,800 |
| | Infrared Materials Laboratories | | 2,500 |
| 8 | **COMMON PICTURE APPLIED RESEARCH** | **77,054** | **85,554** |
| | All Weather Sense and Avoid Sensors for UAVs | | 2,500 |
| | Sensor Integration Framework | | 1,200 |
| | Layered Surveillance/Sensing | | 1,600 |
| | SOF Test Environment for Advanced Team Collaboration Missions | | 2,000 |
| | Unmanned Ground Vehicle Mobility and Coordination in Joint Urban/Littoral Environments | | 1,200 |
| 9 | **WARFIGHTER SUSTAINMENT APPLIED RESEARCH** | **93,862** | **116,102** |
| | Acoustic Research Detachment Test Support Platform Upgrade | | 1,500 |
| | Intelligent Retrieval of Imagery | | 2,400 |
| | Nanotechnology Engineering and Manufacturing Operations | | 1,600 |
| | Pulse Virtual Clinical Learning Lab | | 2,400 |
| | Advanced Composite Maritime Manufacturing | | 2,000 |
| | Assistive Technologies for Injured Servicemembers | | 1,600 |
| | Biosensors for Defense Applications | | 2,000 |
| | Composite Materials Enhancements Through Polymer Science Research and Development | | 2,240 |
| | Digital Directed Manufacturing Project | | 1,700 |
| | Friction Stir Welding | | 800 |
| | On-Board Vehicle Power Systems Development | | 2,400 |
| | Optimization of New Marine Coatings | | 1,600 |
| 10 | **RF SYSTEMS APPLIED RESEARCH** | **54,830** | **59,870** |
| | Energy Efficient Gallium Nitride Semiconductor Technology | | 1,040 |
| | Gallium Nitride RF Power Technology | | 1,600 |
| | Reparative Core Medicine | | 800 |
| | National Initiatives for Applications of Multifunctional Materials | | 1,600 |
| 11 | **OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH** | **47,278** | **51,678** |
| | Autonomous Marine Sensors and Networks for Rapid Littoral Assessment | | 1,600 |
| | Extended Underwater Optical Imaging | | 2,000 |
| | Littoral Battlespace Sensing-Autonomous UUV | | 800 |
| 13 | **UNDERSEA WARFARE APPLIED RESEARCH** | **58,658** | **65,458** |
| | Autonomous Unmanned Undersea Vehicle (UUV) Delivery and Communication (AUDAC) Implementation | | 2,800 |
| | Advanced High Energy Density Surveillance Power Module | | 2,400 |
| | Galfenol Energy Harvesting | | 1,600 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **14 MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH** | **47,869** | **54,869** |
| Detection and Neutralization of Electronically Initiated Improvised Explosive Devices | | 2,000 |
| Electromagnetic Signature Assessment System Using Multiple AUVs | | 1,600 |
| Virtual Onboard Analyst (VIRONA) for Multi Sensor Mine Detection | | 1,000 |
| Water Security Program (Inland Water Quality and Desalination) | | 2,400 |
| **15 POWER PROJECTION ADVANCED TECHNOLOGY** | **60,360** | **82,160** |
| High Speed Anti-radiation Demonstration (HSAD) | | 800 |
| Quiet Drive Advanced Rotary Actuator | | 2,000 |
| Real-Time Hyperspectral Targeting Sensor | | 2,400 |
| Smart Instrument Development for the Magdalena Ridge Observatory (MRO) | | 7,000 |
| Advanced Ship Self Defense Technology Testing | | 4,000 |
| Countermine Lidar UAV-based System | | 1,200 |
| Detection, Tracking, and Identification for ISRTE of Mobile and Asymmetric Targets | | 1,600 |
| Long Wavelength Array | | 2,800 |
| **16 FORCE PROTECTION ADVANCED TECHNOLOGY** | **55,099** | **113,859** |
| Accelerating Fuel Cells Manufacturability and their Application in the Armed Forces | | 2,400 |
| Advanced Logistics Fuel Reformer for Fuel Cells | | 2,400 |
| Agile Port and High Speed Ship Technology | | 6,000 |
| Center for Applied Research in Intelligent Autonomous Systems | | 2,400 |
| High Power Density Motor Drive | | 1,000 |
| High Temperature Superconductor Trap Field Magnet Motor | | 2,000 |
| Implementation of Formable Textile for Composite Shaped Aerospace Composite Structures | | 1,600 |
| Integrated Advanced Ship Control (IASC) | | 1,200 |
| Integrated Ship and Motion Control Technology | | 3,440 |
| Mobile Manufacturing and Repair Cell/Engineering Education Outreach Program | | 2,400 |
| Navy Multi-Fuel Combustor for Shipboard Fuel Cell Systems | | 1,600 |
| Remote Continuous Energetic Material Manufacturing for Pyrotechnic IR Decoys | | 1,600 |
| Self Healing Target System for Laser and Sniper Ranges | | 1,600 |
| Solid-State DC Protection System | | 1,200 |
| Stabilized Laser Designation Capability | | 2,000 |
| Ultra-Wide Coverage Visible Near Infrared Sensor for Force Protection | | 1,200 |
| Underground Coordination of Managed Mesh-networks (UCOMM) | | 2,400 |
| Video and Water Mist Technologies for Incipient Fire Detection on Ships | | 3,200 |
| Wide Area Sensor for Force Protection Targeting | | 1,600 |
| Advanced Continuous Active Sonar for UUVs | | 2,500 |
| Durability, Energy Saving and Sustainability of Oceanic Vehicles and Support Infrastructure Through Use of Nanotech Lubricants | | 800 |
| Electrochemical Field Deployable System for Water Generation | | 2,800 |
| Future Fuel Non-Tactical Vehicle Initiative | | 1,600 |
| Improved Stealth and Lower Cost Operations for Ships Using High Strength Flame Resistant LCP Reinforced Netting | | 1,600 |
| Laser Perimeter Awareness System | | 1,500 |
| M65 Bismaleimide Carbon Fiber Prepreg | | 1,600 |
| Single Generator Operations Lithium Ion Battery | | 4,000 |
| Strategic/Tactical Resource Interoperability Kinetic Environment Program | | 1,120 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 17 | **COMMON PICTURE ADVANCED TECHNOLOGY** | **104,578** | **90,378** |
| | Program Growth | | -3,000 |
| | High Integrity Global Positioning System | | -11,200 |
| 18 | **WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY** | **112,520** | **137,880** |
| | Defense Modernization and Sustainment Initiative | | 5,000 |
| | Desktop Virtual Trainer Follow-On | | 2,400 |
| | Domain Specific Knowledge Capture Interface | | 1,360 |
| | Environmentally Sealed, Ruggedized Avionics Displays | | 4,000 |
| | Intelligent Work Management for Class Squadrons (CLASSRONS) | | 2,000 |
| | System for Intelligent Task Assignment and Readiness (SITAR) | | 800 |
| | Validation of Lift Fan Engine Systems | | 2,000 |
| | Chafing Protection System | | 1,200 |
| | Predicting Bio-Agent Threat Profiles Using Automated Behavior Analysis | | 1,600 |
| | Sea Base Mobility and Interfaces | | 5,000 |
| 19 | **RF SYSTEMS ADVANCED TECHNOLOGY** | **37,058** | **56,058** |
| | C-Band Radar Replacement Development | | 4,000 |
| | Pacific Airborne Surveillance and Testing | | 15,000 |
| 20 | **MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)** | **100,787** | **103,667** |
| | Ballistic Helmet Development | | 1,200 |
| | Craft Integrated Electronic Suite (CIES) | | 2,880 |
| | Ground Warfare Acoustical Combat System of Netted Sensors | | 2,000 |
| | Near Infrared Optical (NIRO) Augmentation System | | 800 |
| | Marine Air-Ground Task Force Situational Awareness | | 1,000 |
| | Reduction to Growth | | -5,000 |
| 21 | **JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT** | **11,020** | **13,020** |
| | Eye Safe Laser Warning Systems | | 2,000 |
| 22 | **WARFIGHTER PROTECTION ADVANCED TECHNOLOGY** | **12,129** | **53,929** |
| | C.W. Bill Young Marrow Donor Recruitment and Research Program | | 31,500 |
| | Amelioration of Hearing Loss | | 1,000 |
| | High Speed Blood and Fluid Transfusion Equipment | | 3,100 |
| | Integrated Warfighter Biodefense Program | | 3,000 |
| | Repair of Massive Tissue Loss and Amputation through Composite Tissue Allotransplantation | | 3,200 |
| 23 | **UNDERSEA WARFARE ADVANCED TECHNOLOGY** | **81,490** | **83,890** |
| | Theater Undersea Warfare Initiative | | 2,400 |
| 24 | **NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS** | **70,216** | **66,416** |
| | Program Growth | | |
| | Portable Launch and Recovery System for Unmanned Aerial Vehicle Operation | | 3,200 |
| | Immersive Naval Officer Training Systems | | 3,000 |
| | Reduction to Growth | | -10,000 |
| 25 | **MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY** | **33,426** | **34,626** |
| | Joint Explosive Ordnance Disposal Diver Situational Awareness System | | 1,200 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 26 | **AIR/OCEAN TACTICAL APPLICATIONS** | **66,133** | **67,733** |
| | Semi-Submersible UUV | | 1,600 |
| 27 | **AVIATION SURVIVABILITY** | **5,917** | **13,717** |
| | Agile Laser Eye Protection | | 800 |
| | In Buoy Processor for Trigger and Alert Sonobuoy System (TASS) | | 2,000 |
| | Air Sentinel | | 1,000 |
| | Modular Advanced Vision System | | 2,000 |
| | UAS Optimization Technologies | | 2,000 |
| 28 | **DEPLOYABLE JOINT COMMAND AND CONTROL** | **5,905** | **7,105** |
| | Deployable Command and Control Vehicle | | 1,200 |
| 29 | **ASW SYSTEMS DEVELOPMENT** | **28,799** | **37,199** |
| | Program Growth | | -3,000 |
| | Holographic Optical Filter for Light Detection and Ranging (LIDAR) | | 2,000 |
| | Low Cost Multi-Channel Camera System | | 2,400 |
| | Marine Mammal Awareness, Alert and Response Systems (MMAARS) | | 2,400 |
| | Tactical E-Field Buoy Development | | 1,600 |
| | Sonobouy Wave-Energy Module | | 3,000 |
| 31 | **ADVANCED COMBAT SYSTEMS TECHNOLOGY** | **4,367** | **7,167** |
| | Open Architecture/Maintenance Free Operating Period (MFOP) | | 2,800 |
| 32 | **SURFACE AND SHALLOW WATER MINE COUNTERMEASURES** | **119,164** | **123,429** |
| | Unmanned Underwater Vehicle Program Delay | | -2,935 |
| | Unmanned Undersea Vehicles Near Term Interim Capability | | 4,000 |
| | AN/SQQ-32 Mine Hunting Sonar Upgrades | | 3,200 |
| 33 | **SURFACE SHIP TORPEDO DEFENSE** | **49,171** | **51,731** |
| | Supportability Training Services Infrastructure | | 1,600 |
| | Mobile Acoustic Decoys for Surface Ship Defense | | 960 |
| 34 | **CARRIER SYSTEMS DEVELOPMENT** | **120,511** | **148,111** |
| | Improved Corrosion Protection for Electromagnetic Aircraft Launch System (EMALS) for CVN-21 Class Carriers | | 2,000 |
| | National Sensor Fusion Support for Puget Sound Port Security | | 1,600 |
| | Electromagnetic Aircraft Launch System | | 24,000 |
| 35 | **SHIPBOARD SYSTEM COMPONENT DEVELOPMENT** | **4,003** | **26,903** |
| | Advanced Repair Technology for the Expeditionary Navy | | 800 |
| | Data Acquisition Reporting and Trending System (DARTS) | | 2,400 |
| | Extreme Torque Density (XTM) Propulsion Motor | | 800 |
| | Integrated Power System Converter | | 2,000 |
| | Infrared LED Free Space Optics Communications Advancement | | 400 |
| | Landing Craft Composite Lift Fan | | 1,000 |
| | Mobile Valve and Flex Hose Maintenance (MVFM) | | 1,000 |
| | Advanced Fluid Controls for Shipboard Applications Phase III | | 2,500 |
| | Advanced Steam Turbine | | 1,600 |
| | DDG-51 Hybrid Drive System | | 6,600 |
| | Power Dense Integrated Power System for CG(X) | | 3,000 |
| | Smart Valve | | 800 |
| 40 | **SURFACE ASW** | **29,574** | **48,374** |
| | Automated Readiness Measurement System (ARMS) | | 2,800 |
| | Small Business Technology Insertion | | 16,000 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 42 | **ADVANCED SUBMARINE SYSTEM DEVELOPMENT** | **141,720** | **151,400** |
| | Acoustic Research Detachment Large Scale Vehicles Operations Enhancement | | 480 |
| | Fiber Optic Conformal Acoustic Velocity Sensor (FOCAVES) | | 2,000 |
| | Submarine Fatline Vector Sensor Towed Array | | 800 |
| | Submarine Littoral Defense System | | 1,600 |
| | Low Cost Laser Module Assembly for Acoustic Sensors | | 1,600 |
| | Undersea Launched Missile Study | | 3,200 |
| 43 | **SUBMARINE TACTICAL WARFARE SYSTEMS** | **10,212** | **13,812** |
| | Common Architecture Imaging System (CAIS) Program | | 800 |
| | High Awareness Littoral Observing (HALO) Sensor - 360 Degree Imaging for Submarines | | 1,200 |
| | Submarine Panoramic Awareness System Program | | 1,600 |
| 44 | **SHIP CONCEPT ADVANCED DESIGN** | **31,111** | **38,311** |
| | Analytics for Shipboard Monitoring Systems | | 1,600 |
| | Low-Signature Modular Weapon Platform | | 3,200 |
| | Smart Machinery Spaces System | | 2,400 |
| 45 | **SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES** | **14,627** | **24,867** |
| | Naval Ship Hydrodynamic Test Facilities | | 4,000 |
| | Bow Lifting Body Ship Research | | 6,240 |
| 47 | **ADVANCED SURFACE MACHINERY SYSTEMS** | **0** | **2,000** |
| | Ship Affordability Through Advanced Aluminum | | 2,000 |
| 49 | **LITTORAL COMBAT SHIP (LCS)** | **371,008** | **369,308** |
| | Combat System C4I Development | | -12,000 |
| | Autonomous Acoustic Array Advanced Tubular Solid Oxide Fuel Cell | | 2,000 |
| | LCS Common Mission Package Training Environment | | 4,500 |
| | Alternative Use of Mine Warfare Modules | | 3,800 |
| 50 | **COMBAT SYSTEM INTEGRATION** | **54,401** | **64,401** |
| | Navy Requested Transfer from Line 148 | | 10,000 |
| 52 | **MARINE CORPS ASSAULT VEHICLES** | **316,052** | **256,052** |
| | Program Delay | | -60,000 |
| 54 | **MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM** | **59,049** | **65,449** |
| | Hybrid Capacitor Supercell for Marine Combat Vehicle | | 1,200 |
| | Marine Expeditionary Rifle Squad - Sensor Integrated, Modular Protection, Combat Helmet (MERS-SIMP) | | 1,600 |
| | Anti-Sniper Infrared Targeting System | | 2,000 |
| | Urban Operations Laboratory | | 1,600 |
| 56 | **COOPERATIVE ENGAGEMENT** | **38,316** | **43,116** |
| | Cooperative Engagement Capability | | 4,800 |
| 58 | **ENVIRONMENTAL PROTECTION** | **19,632** | **20,832** |
| | Puget Sound Anoxia Research for the Department of the Navy | | 1,200 |
| 59 | **NAVY ENERGY PROGRAM** | **5,611** | **10,311** |
| | Hydrogen Fuel Cell Development | | 1,200 |
| | Molten Carbonate Fuel Cell Demonstrator | | 3,500 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 60 | **FACILITIES IMPROVEMENT** | **4,086** | **18,886** |
| | Kinetic Hydropower System (KHPS) Turbine | | 2,400 |
| | Over-the-Horizon Vessel Tracking | | 800 |
| | Regenerative Fuel Cell Back-up Power | | 1,200 |
| | Swimmer Detection Sonar Network for the Portsmouth Naval Shipyard | | 3,200 |
| | Testing of Critical Components for Ocean Alternate Energy Options for the Department of the Navy | | 2,000 |
| | Wave Energy PowerBuoy Generating System for the Department of the Navy | | 1,600 |
| | Hydrokinetic Power Generator | | 1,600 |
| | Permanent Magnet Linear Generator Power Buoy System | | 2,000 |
| 62 | **NAVY LOGISTIC PRODUCTIVITY** | **2,846** | **17,846** |
| | Field Support of Fiber Optic Cable | | 1,600 |
| | Integrated Product Support Data Management System | | 1,000 |
| | NAVAIR Distance Support Environment | | 800 |
| | Advanced Naval Logistics | | 1,600 |
| | Highly Integrated Optical Interconnect for Military Avionics | | 1,600 |
| | RFID TECH Program | | 800 |
| | Thin Film Materials for Advanced Applications, Advanced IED and Anti-Personnel Sensors | | 3,000 |
| | Unique Identification of Tangible Items | | 3,000 |
| | Zero-Standoff HERO-compliant RFID Systems | | 1,600 |
| 70 | **LAND ATTACK TECHNOLOGY** | **40,028** | **18,042** |
| | Extended Range Guided Munitiion | | -34,786 |
| | Affordable Weapons System | | 11,200 |
| | 76mm Swarmbuster Capability | | 1,600 |
| 71 | **NONLETHAL WEAPONS** | **46,902** | **49,302** |
| | Boat Trap System for Port Security/Water Craft Interdiction | | 2,400 |
| 72 | **JOINT PRECISION APPROACH AND LANDING SYSTEMS** | **99,929** | **77,429** |
| | Precision Approach Program Delay | | -22,500 |
| 75 | **DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS** | **0** | **4,560** |
| | Multi-Function Laser System | | 1,200 |
| | Directed Energy Initiative | | 1,760 |
| | Guillotine | | 1,600 |
| 76 | **TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES** | **63,244** | **66,844** |
| | Assault Directed Infrared Countermeasures | | 2,000 |
| | Compact Ultra-Fast Laser System Development | | 1,600 |
| 79 | **SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE** | **47,518** | **48,318** |
| | Cross-Domain Network Access System | | 800 |
| 82 | **STANDARDS DEVELOPMENT** | **71,920** | **67,020** |
| | U.S. Navy Metrology and Calibration (METCAL) | | 2,800 |
| | Common Avionics Displays | | -7,700 |
| 86 | **WARFARE SUPPORT SYSTEM** | **8,611** | **12,611** |
| | Common Expeditionary Force Protection System Architecture | | 4,000 |
| 87 | **TACTICAL COMMAND SYSTEM** | **128,742** | **102,742** |
| | Maritime Domain Awareness Spiral 2 | | -30,000 |
| | ISR Enhancements | | 4,000 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 90 | **ACOUSTIC SEARCH SENSORS** | **45,790** | **39,790** |
| | ASW Sensors and Processors Management Growth | | -6,000 |
| 93 | **EA-18** | **128,906** | **130,106** |
| | Next Generation Electronic Warfare Simulator | | 1,200 |
| 94 | **ELECTRONIC WARFARE DEVELOPMENT** | **106,932** | **90,932** |
| | Digital Radio Frequency Memory on Board Jammer Program Delay | | -21,000 |
| | Integrated Naval Electronic Warfare | | 1,000 |
| | Point Mugu Electronic Warfare Laboratory Upgrade | | 1,600 |
| | USMC Electronic Warfare (EW) Training | | 2,400 |
| 95 | **VHXX EXECUTIVE HELO DEVELOPMENT** | **1,047,835** | **835,000** |
| | Increment II | | -212,835 |
| 96 | **JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)** | **834,650** | **848,150** |
| | Digital Modular Radio (DMR) | | 2,000 |
| | Army Tactical Radios for Future Combat Systems | | 11,500 |
| 97 | **SC-21 TOTAL SHIP SYSTEM ENGINEERING** | **678,936** | **598,036** |
| | Floating Area Network Littoral Sensor Grid | | 4,800 |
| | Bio/Nano-MEMS for Defense Applications | | 1,500 |
| | CG(X) Program Delay | | -87,200 |
| 98 | **SURFACE COMBATANT COMBAT SYSTEM ENGINEERING** | **188,500** | **200,900** |
| | Adaptive Diagnostic Electronic Portable Testset (ADEPT) | | 800 |
| | AEGIS Combat Information Center Modernization | | 4,000 |
| | DDG 51 Permanent Magnet Hybrid Electric Propulsion System | | 7,600 |
| 101 | **STANDARD MISSILE IMPROVEMENTS** | **234,653** | **237,653** |
| | Extensible Launching System | | 3,000 |
| 102 | **AIRBORNE MCM** | **39,882** | **41,882** |
| | Airborne Mine Countermeasures Open Architecture Technology Insertion | | 2,000 |
| 103 | **NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG** | **10,533** | **13,333** |
| | Sustainability of AN/SPS-49 Common Signal Data Processor | | 2,800 |
| 104 | **ADVANCED ABOVE WATER SENSORS** | **153,558** | **139,158** |
| | Common Below Decks Affordable Architecture | | 3,200 |
| | National Radio Frequency Research and Development and Technology Transfer Center | | 4,000 |
| | Advanced Sensor Development | | 12,000 |
| | CG(X) Program Delay | | -33,600 |
| 107 | **SHIPBOARD AVIATION SYSTEMS** | **42,843** | **45,643** |
| | Sensorless Control of Linear Motors in EMALS | | 2,800 |
| 108 | **COMBAT INFORMATION CENTER CONVERSION** | **14,792** | **17,792** |
| | Scalable Open Architecture Upgradeable Reliable Computing Environment | | 3,000 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **109 NEW DESIGN SSN** | **167,357** | **190,357** |
| Highly Corrosive-Resistant Alloy Joining for Nuclear Applications | | 800 |
| Large-Scale Demonstration Item for Virginia Class Submarine Bow Dome | | 1,800 |
| Submarine Automated Test and Re-Test (ATRT) | | 2,000 |
| Small Business Technology Insertion | | 16,000 |
| ASW Enhancements | | 2,400 |
| **111 SUBMARINE TACTICAL WARFARE SYSTEM** | **58,592** | **66,592** |
| Advanced Tactical Control System (ATCS) | | 1,600 |
| Submarine Maintenance Automation and Communication System (SMACS) | | 1,600 |
| Water Space Management Navigation Decision Aid | | 2,400 |
| Submarine Environment for Evaluation and Development | | 2,400 |
| **112 SHIP CONTRACT DESIGN/ LIVE FIRE T&E** | **72,932** | **81,132** |
| Automated Fiber Optic Manufacturing Initiative | | 2,800 |
| Transfer LHA (R) from NDSF | | 5,400 |
| **115 LIGHTWEIGHT TORPEDO DEVELOPMENT** | **50,732** | **52,332** |
| Torpedo Composite Homing Array | | 1,600 |
| **119 SHIP SELF DEFENSE (DETECT & CONTROL)** | **35,999** | **44,999** |
| Cyber Security | | 2,400 |
| Autonomous Unmanned Surface Vessel | | 1,200 |
| Expeditionary Swimmer Defense System | | 2,400 |
| Persistent Surveillance Wave PowerBuoy System | | 3,000 |
| **120 SHIP SELF DEFENSE (ENGAGE: HARD KILL)** | **36,238** | **46,938** |
| Next Generation Phalanx with Laser Demo | | 10,700 |
| **121 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)** | **57,574** | **63,974** |
| Accelerated Improvement for Active Surface Electronic Warfare Systems | | 1,600 |
| Shipboard Electronic Warfare Sustainment Training | | 3,200 |
| NULKA Decoy and Mk 53 Decoy Launch System | | 1,600 |
| **123 MEDICAL DEVELOPMENT** | **7,833** | **39,833** |
| Advanced Molecular Medicine Initiative | | 2,000 |
| Hampton University Cancer Treatment Initiative | | 8,000 |
| Military Dental Research | | 6,000 |
| Mobile Oxygen, Ventilation and External Suction (MOVES) | | 1,200 |
| On-Demand Custom Body Implants/Prosthesis for Injured Personnel | | 1,600 |
| Penn State Cancer Institute | | 2,800 |
| US Navy Cancer Vaccine Program | | 2,400 |
| US Navy Pandemic Influenza Vaccine Program | | 1,600 |
| Composite Tissue Transplantation for Combat Wounded Repair | | 2,000 |
| Disposable Biocidal Medical Masks for NAMRU Evaluation | | 800 |
| HealtheForces | | 2,800 |
| Topical Hemostat Effectiveness Study | | 800 |
| **125 DISTRIBUTED SURVEILLANCE SYSTEM** | **0** | **2,000** |
| Sure Trak Re-Architecture and Sensor Augmentation | | 2,000 |
| **126 JOINT STRIKE FIGHTER (JSF)** | **1,532,748** | **1,749,348** |
| Alternate Engine | | 215,000 |
| JSF F-35B Lift Fan Component Manufacturing | | 1,600 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **128 INFORMATION TECHNOLOGY DEVELOPMENT** | **72,497** | **91,897** |
| National Terrorism Preparedness Institute Anti-Terrorism/Counter-Terrorism Technology Development and Training | | 3,000 |
| Base Level Inventory Tracking System Enhancements | | 2,800 |
| Condition-based Maintenance Enabling Technologies Program | | 2,400 |
| Digitization, Integration, and Analyst Access of Investigative Files, NCIS | | 1,600 |
| Integration of Logistics Information for Knowledge Projection and Readiness Assessment | | 1,600 |
| Supply Chain Logistics Capability at the ABL NIROP | | 8,000 |
| **134 TACTICAL CRYPTOLOGIC SYSTEMS** | **16,678** | **18,278** |
| Paragon System Upgrades | | 1,600 |
| **137 MAJOR T&E INVESTMENT** | **42,391** | **52,191** |
| Air Combat Environment Test and Evaluation Facility Upgrade | | 3,000 |
| Improved Interoperability Research and Development to Support NAVAIR and GWOT | | 2,000 |
| Network Expansion and Integration of Navy/NASA RDT&E Ranges and Facilities | | 4,800 |
| **141 SMALL BUSINESS INNOVATIVE RESEARCH** | **0** | **400** |
| Autonomous Power Management for Distributed Operation | | 400 |
| **142 TECHNICAL INFORMATION SERVICES** | **713** | **15,613** |
| Center for Commercialization of Advanced Technology | | 2,500 |
| Integrated Manufacturing Enterprise | | 2,400 |
| HTDV | | 10,000 |
| **148 TEST AND EVALUATION SUPPORT** | **356,254** | **346,254** |
| Navy Requested Transfer to Line 50 | | -10,000 |
| **152 MARINE CORPS PROGRAM WIDE SUPPORT** | **24,687** | **30,287** |
| Logistics Technology Improvements | | 1,600 |
| Global Supply Chain Management | | 1,600 |
| USMC Logistics Analysis and Optimization | | 2,400 |
| **159 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT** | **80,120** | **78,774** |
| Reliable Replacement Warhead | | -23,346 |
| Advanced Linear Accelerator (LINAC) Facility | | 3,200 |
| Covert Robust Location Aware Wireless Network | | 1,600 |
| Maritime Security - Surface and Sub-surface Surveillance System and Expeditionary Test-Bed | | 3,600 |
| Adelos National Security Sensor System | | 2,000 |
| Enhanced Special Weapons/Nuclear Weapons Security Program | | 1,600 |
| Advanced Technology for MK5 AF&F | | 10,000 |
| **162 NAVY STRATEGIC COMMUNICATIONS** | **47,495** | **43,495** |
| Program Growth | | -4,000 |
| **164 F/A-18 SQUADRONS** | **71,232** | **73,632** |
| Distributed Targeting Processor | | 2,400 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 167 | TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) | 14,212 | 18,212 |
| | Low-Cost Image-Based Navigation and Precision Targeting | | 800 |
| | Precision Terrain Aided Navigation (PTAN) | | 1,600 |
| | Tomahawk Cost Reduction Initiatives | | 1,600 |
| 168 | INTEGRATED SURVEILLANCE SYSTEM | 20,565 | 28,765 |
| | Autonomous Anti-Submarine Vertical Beam Array | | 1,600 |
| | Low Cost, Expendable, Fiber Optic Sensor Array | | 5,000 |
| | Distributed Maritime Surveillance System | | 1,600 |
| 170 | CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT | 28,017 | 27,657 |
| | Curriculum and Trainer Development Growth | | -3,000 |
| | ASW Training Interoperability Enterprise Demonstration Test Bed | | 1,600 |
| | Total Ship Training System | | 1,040 |
| 173 | HARM IMPROVEMENT | 31,427 | 33,927 |
| | Aircraft Composite Rocket Launcher Improvement | | 2,500 |
| 175 | SURFACE ASW COMBAT SYSTEM INTEGRATION | 21,720 | 22,520 |
| | Long Range Synthetic Aperture Sonar for ASW | | 800 |
| 176 | MK-48 ADCAP | 15,879 | 26,279 |
| | MK 48 Torpedo Post-Launch Communication System | | 800 |
| | Undersea Weapons Enterprise Common Automated Test Equipment | | 3,200 |
| | ASW Enhancements | | 6,400 |
| 177 | AVIATION IMPROVEMENTS | 122,906 | 100,266 |
| | Multi-Purpose Bomb Rack Program Delay | | -35,000 |
| | F/A-18 Avionics Ground Support System | | 2,400 |
| | Lightweight Composite Structure Development for Aerospace Vehicles | | 800 |
| | Reduction of Weapon System Downtime Rapid Repair Structural Adhesives | | 2,400 |
| | Rotor Blade Protection Against Sand and Water Erosion | | 800 |
| | Sacrificial Film Laminates for Navy Helicopter Windscreens | | 960 |
| | Vet-Biz Initiative for National Sustainment (VINS-Navy) | | 1,600 |
| | Arc Fault Circuit Breaker with Arc Location System | | 1,000 |
| | Wireless Sensors for Navy Aircraft | | 2,400 |
| 180 | MARINE CORPS COMMUNICATIONS SYSTEMS | 273,696 | 281,416 |
| | Center for Geospatial Intelligence and Investigation (GII) | | 1,520 |
| | Battlefield Sensor Netting | | 2,400 |
| | M2C2 | | 3,800 |
| 181 | MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS | 136,080 | 119,380 |
| | Marine Corps Shotgun Modernization Program | | 3,000 |
| | Marine Personnel Carrier Program Delay | | -20,700 |
| | MARCOM Computer Research | | 1,000 |
| 188 | TECHNICAL RECONNAISSANCE AND SURVEILLANCE | 0 | 2,000 |
| | ACINT (MASINT) Tape Digitization Program | | 2,000 |
| 190 | SATELLITE COMMUNICATIONS (SPACE) | 652,463 | 653,263 |
| | Joint Integrated Systems Technology for Advanced Digital Networking (JIST-NET) | | 800 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **191 INFORMATION SYSTEMS SECURITY PROGRAM** | **27,037** | **33,737** |
| TSG Technology Accreditation | | 2,400 |
| Universal Description, Discovery and Integration | | 4,300 |
| **197 TACTICAL UNMANNED AERIAL VEHICLES** | **45,717** | **51,817** |
| Micro-munitions Interface for Tactical Unmanned Systems (MITUS) | | 1,600 |
| Unmanned Air Systems Tactical Control System | | 2,500 |
| SKYBUS 80K and 130K LTA-UAS Multirole Technologies | | 2,000 |
| **198 ENDURANCE UNMANNED AERIAL VEHICLES** | **480,098** | **433,698** |
| Broad Area Maritime Surveillance Program Delay | | -48,000 |
| Advanced Airship Flying Laboratory, AAFL Phase 2 | | 1,600 |
| **199 AIRBORNE RECONNAISSANCE SYSTEMS** | **55,719** | **66,519** |
| EP-3E Requirements Capability Migration Technology Integration Lab | | 4,800 |
| Fusion, Exploitation, Algorithm, Targeting High-Altitude Reconnaissance | | 6,000 |
| **200 MANNED RECONNAISSANCE SYSTEMS** | **13,982** | **19,882** |
| Unmanned Force Augmentation System | | 2,400 |
| Collective Aperture Multi-Band Sensor System | | 3,500 |
| **204 DEPOT MAINTENANCE (NON-IF)** | **21,130** | **11,130** |
| F-18 Service Life Assessment Program Delay | | -10,000 |
| **206 INDUSTRIAL PREPAREDNESS** | **56,681** | **61,881** |
| E-Beam Free Form Repair Qualification | | 1,200 |
| Next Generation Scalable Lean Manufacturing Initiative | | 2,400 |
| Out of Autoclave Composite Processing | | 1,600 |

MINE WARFARE

The Mine Warfare Mission Modules onboard the Littoral Combat Ships (LCS) will provide a significant portion of the Navy's Mine Warfare capability. Delays in the fielding of the LCS translate to a commensurate delay in fielding the mine warfare capability provided by these platforms. Given that the LCS will not be fully operational in significant numbers until well into the next decade, the Nation cannot afford such a delay to the mine warfare capability provided by the associated mission modules. However, the mine warfare capability provided by the mission modules can provide benefit to the fleet even without the LCS platform. Therefore, $3,800,000 is provided to the LCS mission module development effort to research and study methods to employ these modules independently of the LCS platform. The Secretary of the Navy is directed to provide a report to the congressional defense committees not later than June 30, 2009, detailing the results of this study and the plan for the operational employment of the mine warfare mission modules independent of the LCS.

ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS)

An additional $24,000,000 is provided to address cost overruns in the Electromagnetic Aircraft Launching System (EMALS) program. Due to continuing concerns about meeting the schedule for integration into PCU Gerald R. Ford (CVN–78), the Secretary of the Navy is directed to submit a report to the congressional defense committees by April 1, 2009, which shall contain a description of efforts to control cost and schedule, an updated schedule for completion of research and development efforts and integration into CVN–78, and an assessment of aircraft launch system options for CVN–78, including cost estimates of those options, if the EMALS program experiences further delays.

BONE MARROW REGISTRY

The bill includes $31,500,000 for the Department of the Navy, to be administered by the C.W. Bill Young Marrow Donor Recruitment and Research Program, also known as and referred to within the Naval Medical Research Center as the Bone Marrow Registry. Funds appropriated for the C.W. Bill Young Marrow Donor Recruitment and Research Program shall remain available only for the purposes for which they were appropriated, and may only be obligated for the C.W. Bill Young Marrow Program. This Department of Defense donor center has recruited more than 475,000 Department of Defense volunteers, and provides more marrow donors per week than any other donor center in the Nation. More than 2,880 servicemembers and other Department volunteers from this donor center have provided marrow to save the lives of patients. The success of this national and international life-saving program for military and civilian patients, which now includes more than 7,000,000 potential volunteer donors is admirable. Further, the agencies involved in contingency planning are encouraged to continue to include the C.W. Bill Young Marrow Donor Recruitment and Research Program in the development and testing of their contingency plans. The Department of Defense form (DD Form 1414) shall show this as a congressional interest item. The Department is further directed to release all the funds appropriated for this purpose to the C.W. Bill Young Marrow Donor Recruitment and Research Program within 60 days of enactment of this Act.

JOINT COUNTER RADIO-CONTROLLED ELECTRONIC WARFARE (JCREW)

The Navy has been designated as the executive agent for JCREW 3.3 to protect personnel from improvised explosive devices (IEDs), and is dependent upon transfer of funds from the Joint IED Defeat Organization for critical science and technology projects. Reliance on other sources of funding is inconsistent with the Navy's role as executive agent for JCREW 3.3. Therefore, the Secretary of the Navy is directed to fund these enabling science and technology projects within the Research, Development, Test and Evaluation, Navy account in future budget requests.

ELECTRIC PROPULSION TECHNOLOGY FOR SURFACE COMBATANTS

Significant steps have been taken in developing more energy efficient alternatives to the mechanical drive propulsion systems currently powering Navy ships. Funding has been provided for several years to mature electric propulsion technologies to support current and future Navy needs, either as an upgrade to DDG–51 or DDG–1000 class ships, or for the next-generation cruiser. Therefore, due to the increased flexibility, projected fuel savings and performance enhancements provided by such technologies, the Secretary of the Navy is directed to continue the exploration of electric propulsion as an integrated part of its surface combatant design and construction plan. Additionally, the Navy is encouraged to continue the development of all-electric technology by including funding in future Shipboard System Component Development (Program Element 0603513N) budget requests.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

For Research, Development, Test and Evaluation, Air Force, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE | | | |
| | BASIC RESEARCH | | | |
| 1 | DEFENSE RESEARCH SCIENCES | 309,926 | 314,726 | +4,800 |
| 2 | UNIVERSITY RESEARCH INITIATIVES | 125,949 | 140,789 | +14,840 |
| 3 | HIGH ENERGY LASER RESEARCH INITIATIVES | 13,425 | 13,425 | --- |
| | TOTAL, BASIC RESEARCH | 449,300 | 468,940 | +19,640 |
| | APPLIED RESEARCH | | | |
| 7 | MEDICAL DEVELOPMENT | --- | 4,900 | +4,900 |
| 8 | MATERIALS | 117,143 | 188,503 | +71,360 |
| 9 | AEROSPACE VEHICLE TECHNOLOGIES | 122,870 | 126,970 | +4,100 |
| 10 | HUMAN EFFECTIVENESS APPLIED RESEARCH | 82,091 | 95,891 | +13,800 |
| 11 | AEROSPACE PROPULSION | 218,049 | 251,109 | +33,060 |
| 12 | AEROSPACE SENSORS | 109,048 | 130,448 | +21,400 |
| 13 | SPACE TECHNOLOGY | 117,519 | 135,799 | +18,280 |
| 14 | CONVENTIONAL MUNITIONS | 55,963 | 55,963 | --- |
| 15 | DIRECTED ENERGY TECHNOLOGY | 62,871 | 62,871 | --- |
| 16 | COMMAND CONTROL AND COMMUNICATIONS | 109,492 | 114,292 | +4,800 |
| 17 | HIGH ENERGY LASER RESEARCH | 49,449 | 49,449 | --- |
| | TOTAL, APPLIED RESEARCH | 1,044,495 | 1,216,195 | +171,700 |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 18 | ADVANCED MATERIALS FOR WEAPON SYSTEMS | 41,926 | 65,646 | +23,720 |
| 19 | ADVANCED AEROSPACE SENSORS | 56,916 | 65,316 | +8,400 |
| 20 | AEROSPACE TECHNOLOGY DEV/DEMO | 44,918 | 46,118 | +1,200 |
| 21 | AEROSPACE PROPULSION AND POWER TECHNOLOGY | 170,856 | 180,256 | +9,400 |
| 22 | CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY | 26,630 | 34,110 | +7,480 |
| 23 | ELECTRONIC COMBAT TECHNOLOGY | 21,056 | 31,936 | +10,880 |
| 25 | ADVANCED SPACECRAFT TECHNOLOGY | 80,958 | 98,580 | +17,622 |
| 26 | MAUI SPACE SURVEILLANCE SYSTEM (MSSS) | 4,838 | 36,438 | +31,600 |
| 27 | CONVENTIONAL WEAPONS TECHNOLOGY | 11,813 | 19,213 | +7,400 |
| 28 | ADVANCED WEAPONS TECHNOLOGY | 44,507 | 56,467 | +11,960 |
| 29 | MANUFACTURING TECHNOLOGY PROGRAM | 39,729 | 45,329 | +5,600 |
| 30 | C3I ADVANCED DEVELOPMENT | 30,103 | 34,003 | +3,900 |
| 32 | HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM | 4,013 | 4,013 | --- |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 578,263 | 717,425 | +139,162 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | DEMONSTRATION & VALIDATION | | | |
| 33 | INTELLIGENCE ADVANCED DEVELOPMENT | 4,988 | 6,588 | +1,600 |
| 34 | PHYSICAL SECURITY EQUIPMENT | 477 | 1,677 | +1,200 |
| 36 | GPS III - OPERATIONAL CONTROL SEGMENT | 2,975 | 307,335 | +304,360 |
| 37 | GPS OPERATIONAL CONTROL SEGMENT | 304,360 | --- | -304,360 |
| 38 | ADVANCED EHF MILSATCOM (SPACE) | 388,041 | 388,041 | --- |
| 39 | POLAR MILSATCOM (SPACE) | 237,749 | 237,749 | --- |
| 40 | SPACE CONTROL TECHNOLOGY | 76,845 | 86,645 | +9,800 |
| 41 | COMBAT IDENTIFICATION TECHNOLOGY | 29,400 | 29,400 | --- |
| 42 | NATO RESEARCH AND DEVELOPMENT | 4,334 | 4,334 | --- |
| 43 | INTERNATIONAL SPACE COOPERATIVE R&D | 627 | 627 | --- |
| 44 | TRANSFORMATIONAL SATCOM (TSAT) | 842,974 | 767,974 | -75,000 |
| 45 | INTEGRATED BROADCAST SERVICE | 21,105 | 21,105 | --- |
| 46 | INTERCONTINENTAL BALLISTIC MISSILE | 65,629 | 70,429 | +4,800 |
| 47 | WIDEBAND GAPFILLER SYSTEM RDT&E (SPACE) | 12,422 | 52,422 | +40,000 |
| 49 | POLLUTION PREVENTION (DEM/VAL) | 2,877 | 11,677 | +8,800 |
| 50 | JOINT PRECISION APPROACH AND LANDING SYSTEMS | 7,479 | 7,479 | --- |
| 52 | ALTERNATIVE FUELS | 28,464 | 59,864 | +31,400 |
| 53 | AUTOMATED AIR-TO-AIR REFUELING | 9,889 | 9,889 | --- |
| 55 | OPERATIONALLY RESPONSIVE SPACE | 110,032 | 197,232 | +87,200 |
| 56 | NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SAT. | 289,469 | 289,469 | --- |
| | TOTAL, DEMONSTRATION & VALIDATION | 2,440,136 | 2,549,936 | +109,800 |
| | ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| 57 | GLOBAL BROADCAST SERVICE (GBS) | 18,790 | 18,790 | --- |
| 58 | NUCLEAR WEAPONS SUPPORT | 20,166 | 20,166 | --- |
| 59 | B-1B | 128,871 | 143,031 | +14,160 |
| 60 | SPECIALIZED UNDERGRADUATE FLIGHT TRAINING | 7,462 | 13,462 | +6,000 |
| 61 | B-2 ADVANCED TECHNOLOGY BOMBER | 351,417 | 365,077 | +13,660 |
| 63 | ELECTRONIC WARFARE DEVELOPMENT | 54,995 | 56,495 | +1,500 |
| 64 | PHYSICAL SECURITY EQUIPMENT | 52 | 52 | --- |
| 65 | SMALL DIAMETER BOMB (SDB) | 125,067 | 126,667 | +1,600 |
| 66 | COUNTERSPACE SYSTEMS | 74,918 | 76,518 | +1,600 |
| 67 | SPACE SITUATION AWARENESS SYSTEMS | 210,501 | 210,501 | --- |
| 68 | AIRBORNE ELECTRONIC ATTACK | 34,279 | 34,279 | --- |
| 69 | SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD | 529,771 | 544,771 | +15,000 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 70 | ALTERNATIVE INFRARED SPACE SYSTEM (AIRSS) | 149,064 | 960 | -148,104 |
| 71 | ARMAMENT/ORDNANCE DEVELOPMENT | 2,095 | 2,095 | --- |
| 72 | SUBMUNITIONS | 1,730 | 1,730 | --- |
| 73 | AGILE COMBAT SUPPORT | 5,790 | 5,790 | --- |
| 75 | LIFE SUPPORT SYSTEMS | 10,998 | 16,598 | +5,600 |
| 76 | COMBAT TRAINING RANGES | 28,047 | 28,047 | --- |
| 77 | INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A) | 177 | 5,777 | +5,600 |
| 78 | INTELLIGENCE EQUIPMENT | 1,488 | 2,288 | +800 |
| 80 | JOINT STRIKE FIGHTER (JSF) | 1,524,016 | 1,739,016 | +215,000 |
| 81 | EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) | 33,719 | 33,719 | --- |
| 82 | RDT&E FOR AGING AIRCRAFT | 13,828 | 17,028 | +3,200 |
| 83 | NEXT GENERATION AERIAL REFUELING AIRCRAFT | 831,759 | 23,000 | -808,759 |
| 84 | CSAR-X RDT&E | 305,062 | 233,027 | -72,035 |
| 85 | HC/MC-130 RECAP RDT&E | 11,692 | 11,692 | --- |
| 86 | LINK-16 SUPPORT AND SUSTAINMENT | 186,213 | 193,813 | +7,600 |
| 87 | E-10 SQUADRONS | 42,215 | --- | -42,215 |
| 88 | SINGLE INTEGRATED AIR PICTURE (SIAP) | 66,909 | 66,909 | --- |
| 89 | FULL COMBAT MISSION TRAINING | 135,152 | 135,152 | --- |
| 90 | JOINT CARGO AIRCRAFT (JCA) | 26,777 | 16,777 | -10,000 |
| 91 | CV-22 | 18,562 | 18,562 | --- |
| 92 | AIRBORNE SENIOR LEADER C3 (SLC3S) | 1,992 | 1,992 | --- |
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 4,953,574 | 4,163,781 | -789,793 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RDT&E MANAGEMENT SUPPORT | | | |
| 93 | THREAT SIMULATOR DEVELOPMENT | 34,568 | 34,568 | --- |
| 94 | MAJOR T&E INVESTMENT | 61,818 | 69,418 | +7,600 |
| 95 | RAND PROJECT AIR FORCE | 28,676 | 31,676 | +3,000 |
| 97 | INITIAL OPERATIONAL TEST & EVALUATION | 29,537 | 29,537 | --- |
| 98 | TEST AND EVALUATION SUPPORT | 787,737 | 787,737 | --- |
| 99 | ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) | 14,895 | 14,895 | --- |
| 100 | SPACE TEST PROGRAM (STP) | 48,072 | 48,072 | --- |
| 101 | FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL | 46,234 | 49,434 | +3,200 |
| 102 | FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT | 28,898 | 36,298 | +7,400 |
| 104 | INTERNATIONAL ACTIVITIES | 3,910 | 3,910 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 1,084,345 | 1,105,545 | +21,200 |
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 105 | COMMON VERTICAL LIFT SUPPORT PLATFORM | 3,868 | 3,868 | --- |
| 106 | ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY | 20,987 | 20,987 | --- |
| 108 | B-52 SQUADRONS | 38,651 | 47,651 | +9,000 |
| 110 | AIR-LAUNCHED CRUISE MISSILE (ALCM) | 396 | 396 | --- |
| 111 | STRAT WAR PLANNING SYSTEM - USSTRATCOM | 17,553 | 17,553 | --- |
| 112 | NIGHT FIST - USSTRATCOM | 5,299 | 5,299 | --- |
| 114 | REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION | 23,858 | 23,858 | --- |
| 115 | STRATEGIC AEROSPACE INTELLIGENCE SYSTEM ACTIVITIES | 15 | 15 | --- |
| 116 | WARFIGHTER RAPID ACQUISITION PROCESS (WRAP) RAPID TRAN | 20,807 | 20,807 | --- |
| 117 | MQ-9 UAV | 43,557 | 46,557 | +3,000 |
| 118 | A-10 SQUADRONS | --- | 4,000 | +4,000 |
| 119 | F-16 SQUADRONS | 123,979 | 127,179 | +3,200 |
| 120 | F-15E SQUADRONS | 184,213 | 199,413 | +15,200 |
| 121 | MANNED DESTRUCTIVE SUPPRESSION | 5,585 | 5,585 | --- |
| 122 | F-22 SQUADRONS | 700,305 | 607,305 | -93,000 |
| 124 | TACTICAL AIM MISSILES | 5,748 | 5,748 | --- |
| 125 | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) | 54,239 | 54,239 | --- |
| 126 | JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS) | 3,192 | 3,192 | --- |
| 127 | AF TENCAP | 11,578 | 11,578 | --- |
| 129 | COMPASS CALL | 4,670 | 4,670 | --- |
| 130 | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM | 150,956 | 150,956 | --- |
| 132 | JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) | 13,035 | 33,035 | +20,000 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 133 | AIR AND SPACE OPERATIONS CENTER (AOC) | 118,834 | 98,834 | -20,000 |
| 134 | CONTROL AND REPORTING CENTER (CRC) | 60,590 | 60,590 | --- |
| 135 | AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) | 126,300 | 126,300 | --- |
| 136 | TACTICAL AIRBORNE CONTROL SYSTEMS | 1,530 | 1,530 | --- |
| 137 | ADVANCED COMMUNICATIONS SYSTEMS | 29,782 | 29,782 | --- |
| 138 | EVALUATION AND ANALYSIS PROGRAM | 794,036 | 794,036 | --- |
| 140 | THEATER BATTLE MANAGEMENT (TBM) C4I | 19,437 | 19,437 | --- |
| 141 | FIGHTER TACTICAL DATA LINK | 62,788 | 57,788 | -5,000 |
| 142 | BOMBER TACTICAL DATA LINK | 11,702 | 11,702 | --- |
| 143 | C2ISR TACTICAL DATA LINK | 1,727 | 1,727 | --- |
| 144 | COMMAND AND CONTROL (C2) CONSTELLATION | 32,151 | 32,151 | --- |
| 145 | JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM | 97,641 | 81,541 | -16,100 |
| 146 | SEEK EAGLE | 21,645 | 21,645 | --- |
| 148 | USAF MODELING AND SIMULATION | 28,981 | 28,981 | --- |
| 149 | WARGAMING AND SIMULATION CENTERS | 3,870 | 3,870 | --- |
| 150 | DISTRIBUTED TRAINING AND EXERCISES | 7,137 | 7,137 | --- |
| 151 | MISSION PLANNING SYSTEMS | 97,560 | 97,560 | --- |
| 152 | INFORMATION WARFARE SUPPORT | 12,220 | 12,220 | --- |
| 153 | SPECIAL EVALUATION SYSTEM | 1,077,970 | 1,077,970 | --- |
| 167 | NATIONAL AIR INTELLIGENCE CENTER | --- | 1,360 | +1,360 |
| 159 | E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) | 4,069 | 4,069 | --- |
| 161 | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK | 70,995 | 70,995 | --- |
| 162 | INFORMATION SYSTEMS SECURITY PROGRAM | 187,933 | 187,933 | --- |
| 163 | GLOBAL COMBAT SUPPORT SYSTEM | 4,320 | 4,320 | --- |
| 164 | GLOBAL COMMAND AND CONTROL SYSTEM | 3,218 | 7,218 | +4,000 |
| 165 | JOINT COMMAND AND CONTROL PROGRAM (JC2) | 3,234 | 3,234 | --- |
| 166 | MILSATCOM TERMINALS | 337,098 | 337,098 | --- |
| 167 | SPECIAL ACTIVITIES | --- | 5,600 | +5,600 |
| 168 | AIRBORNE SIGINT ENTERPRISE | 173,631 | 173,631 | --- |
| | ADVANCED GEOSPATIAL INTELLIGENCE | --- | 2,000 | +2,000 |
| 171 | GLOBAL AIR TRAFFIC MANAGEMENT (GATM) | 6,275 | 6,275 | --- |
| 172 | CYBER SECURITY INITIATIVE | 2,083 | 2,083 | --- |
| 173 | SATELLITE CONTROL NETWORK (SPACE) | 16,758 | 16,758 | --- |
| 174 | WEATHER SERVICE | 47,347 | 47,347 | --- |
| 175 | AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC) | 6,867 | 6,867 | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 176 | AERIAL TARGETS | 34,777 | 34,777 | --- |
| 179 | SECURITY AND INVESTIGATIVE ACTIVITIES | 786 | 786 | --- |
| 181 | DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES | 39 | 39 | --- |
| 184 | NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) | 127,513 | 131,513 | +4,000 |
| 185 | NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL) | 91,277 | 91,277 | --- |
| 187 | SPACE AND MISSILE TEST AND EVALUATION CENTER | 1,985 | 1,985 | --- |
| 188 | SPACE WARFARE CENTER | 3,003 | 3,003 | --- |
| 189 | SPACELIFT RANGE SYSTEM (SPACE) | 12,376 | 12,376 | --- |
| 190 | INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS | 1,237 | 3,637 | +2,400 |
| 191 | AIRBORNE RECONNAISSANCE SYSTEMS | 149,752 | 104,152 | -45,600 |
| 192 | MANNED RECONNAISSANCE SYSTEMS | 12,819 | 17,859 | +5,040 |
| 193 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 107,834 | 107,834 | --- |
| 194 | PREDATOR UAV (JMIP) | 24,773 | 37,173 | +12,400 |
| 195 | GLOBAL HAWK UAV | 284,292 | 311,507 | +27,215 |
| 196 | NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA) | 8,807 | 8,807 | --- |
| 197 | GPS III SPACE SEGMENT | 420,342 | 393,342 | -27,000 |
| 198 | INTELLIGENCE SUPPORT TO INFORMATION WARFARE | 5,438 | 5,438 | --- |
| 200 | NUDET DETECTION SYSTEM (SPACE) | 41,292 | 41,292 | --- |
| 201 | NATIONAL SECURITY SPACE OFFICE | 10,797 | 7,797 | -3,000 |
| 202 | SPACE SITUATION AWARENESS OPERATIONS | 16,166 | 16,166 | --- |
| 203 | NASS, IO TECHNOLOGY INTEGRATION & TOOL DEV | 15,726 | 15,726 | --- |
| 204 | SHARED EARLY WARNING (SEW) | 3,152 | 3,152 | --- |
| 205 | C-130 AIRLIFT SQUADRON | 172,560 | 179,760 | +7,200 |
| 206 | C-5 AIRLIFT SQUADRONS | 125,063 | 127,463 | +2,400 |
| 207 | C-17 AIRCRAFT | 236,047 | 236,047 | --- |
| 208 | C-130J PROGRAM | 52,354 | 27,354 | -25,000 |
| 209 | LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) | 32,100 | 36,500 | +4,400 |
| 210 | KC-135S | 7,133 | 7,133 | --- |
| 214 | AIR MOBILITY TACTICAL DATA LINK | --- | 8,000 | +8,000 |
| 215 | SPECIAL TACTICS / COMBAT CONTROL | 5,728 | 7,728 | +2,000 |
| 216 | DEPOT MAINTENANCE (NON-IF) | 1,531 | 1,531 | --- |
| 217 | ACQUISITION AND MANAGEMENT SUPPORT | 34,428 | 37,228 | +2,800 |
| 218 | INDUSTRIAL PREPAREDNESS | --- | 4,800 | +4,800 |
| 220 | LOGISTICS INFORMATION TECHNOLOGY (LOGIT) | 189,679 | 159,679 | -30,000 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 221 | SUPPORT SYSTEMS DEVELOPMENT | 8,145 | 46,945 | +38,800 |
| 222 | JOINT NATIONAL TRAINING CENTER | 3,214 | 3,214 | --- |
| 223 | OTHER PERSONNEL ACTIVITIES | 116 | 1,116 | +1,000 |
| 224 | JOINT PERSONNEL RECOVERY AGENCY | 5,768 | 5,768 | --- |
| 225 | SERVICE-WIDE SUPPORT (NOT OTHERWISE ACCOUNTED FOR) | 3,016 | 3,016 | --- |
| 226 | CIVILIAN COMPENSATION PROGRAM | 8,123 | 8,123 | --- |
| 227 | PERSONNEL ADMINISTRATION | 18,625 | 18,625 | --- |
| 228 | FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT | 31,782 | 16,782 | -15,000 |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 7,211,815 | 7,121,930 | -89,885 |
| 999 | CLASSIFIED PROGRAMS | 10,304,689 | 9,740,588 | -564,101 |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE | 28,066,617 | 27,084,340 | -982,277 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **DEFENSE RESEARCH SCIENCES** | **309,926** | **314,726** |
| | Center for Microplasma Science and Technology (CMST) | | 2,000 |
| | Coal Transformation Laboratory | | 800 |
| | Development and Validation of Advanced Design Technologies for Hypersonic Research | | 2,000 |
| 2 | **UNIVERSITY RESEARCH INITIATIVES** | **125,949** | **140,789** |
| | Aerodynamic Wind Tunnel Upgrade Initiative | | 1,600 |
| | Cyber Security Laboratory at Louisiana Tech University | | 3,000 |
| | Institute for Science and Engineering Simulation (ISES) | | 3,360 |
| | Lean Management System Research Initiative at Air Mobility Wing MacDill AFB | | 800 |
| | Secure Network Centric Operations | | 1,600 |
| | Unmanned Aerial Systems Mission Planning and Operation Center | | 400 |
| | Battlespace: Reducing Military Decision Cycles | | 1,280 |
| | High Temperature Hydrogen Energy Production Facility | | 1,200 |
| | Partnership in Innovative Preparation for Educators and Students and the Space Education Consortium | | 800 |
| | Rapid Prototyping and Nanotechnology Initiative | | 800 |
| 7 | **MEDICAL DEVELOPMENT** | **0** | **4,900** |
| | Biothreat Test Pouch for Film Array System | | 800 |
| | Health Surveillance System | | 1,600 |
| | Regional Telepathology Initiative at Keesler AFB | | 2,500 |
| 8 | **MATERIALS** | **117,143** | **188,503** |
| | Accelerated Insertion of Advanced Materials and Certification for Military Aircraft Structure Material Substitution and Repair | | 3,000 |
| | Advance Casting and Coating Technologies for Aircraft Canopies | | 2,800 |
| | Advanced Aerospace Heat Exchangers | | 1,600 |
| | Advanced Carbon Fiber Research and Test Initiative | | 2,400 |
| | Advanced Thermal Control Coatings for Space Applications | | 1,600 |
| | Carbon Non-Materials for Advanced Aerospace Applications | | 2,400 |
| | Ceramic Matrix Composite Turbine Blade Demonstration | | 4,000 |
| | FEL Capabilities for Aerospace Microfabrication | | 1,120 |
| | Fire and Blast Resistant Materials for Force Protection | | 1,600 |
| | Gallium Nitride RF Power Technology | | 1,600 |
| | High Power Broadly Tunable Middle-Infrared Laser Sources | | 2,400 |
| | Intelligent Manufacturing Initiative | | 2,400 |
| | Large Area, APVT Materials Development for High Power Devices | | 800 |
| | Light Weight Organic Photovoltaic Technologies | | 1,200 |
| | Liquid Crystal Laser Eye Protection | | 1,600 |
| | Nanocomposites for Lightning Protection of Composite Airframe Structures | | 1,200 |
| | Next Generation Manufacturing Processes | | 1,200 |
| | Optic Band Control Program | | 800 |
| | Partnership for Emerging Technologies | | 1,600 |
| | Pennsylvania NanoMaterials Commercialization Center | | 2,000 |
| | Plasma-Sphere Array for Flexible Electronics | | 2,800 |
| | Science for Sustainment | | 1,600 |
| | Advanced Military Installations That Integrate Renewable Energy and Advanced Energy Storage Technologies | | 4,000 |
| | Air Force Minority Leaders Program | | 8,000 |
| | Aircraft Fatigue Modeling and Simulation | | 3,000 |
| | Conducting Polymer Stress and Damage Sensors for Composites | | 1,440 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Consortium for Nanomaterials for Aerospace Commerce and Technology | | 2,400 |
| | Diamond Substrate for Cooling of Micro-Electronics | | 2,000 |
| | LGX High Temperature Acoustic Wave Sensors | | 1,600 |
| | Mobile Wind Turbine Systems to Power Forward Bases | | 800 |
| | Nano-Composite Structures Manufacturing Technology Development | | 800 |
| | ONAMI Safer Nanomaterials and Nanomanufacturing | | 4,000 |
| | Tactical Shelters Next Generation Composite Initiative | | 1,600 |
| 9 | **AEROSPACE VEHICLE TECHNOLOGIES** | **122,870** | **126,970** |
| | Center for Solar Electricity and Hydrogen | | 3,600 |
| | Cognitive UAV | | 500 |
| 10 | **HUMAN EFFECTIVENESS APPLIED RESEARCH** | **82,091** | **95,891** |
| | Homeland Emergency Learning and Preparedness (HELP) Center | | 3,000 |
| | Imaging Tools for Human Performance Enhancement and Diagnostics | | 2,000 |
| | Smart View Program (SVP) | | 800 |
| | Tools and Technologies for Incident and Consequence Management | | 800 |
| | Component Object Model Attitude Control System Simulation/Trainer | | 1,600 |
| | Joint Theater Air Ground Simulation System | | 2,400 |
| | Ultra High Resolution Deployable Projector for Simulation | | 3,200 |
| 11 | **AEROSPACE PROPULSION** | **218,049** | **251,109** |
| | Advanced Lithium Ion Battery Manufacturing | | 1,600 |
| | Advanced Vehicle Propulsion Center | | 1,200 |
| | Aerospace Lab Equipment Upgrade | | 800 |
| | Affordable Lightweight Power Supply Development | | 1,000 |
| | Development and Testing of Advanced Paraffin-Based Hybrid Rockets for Space Applications | | 2,800 |
| | Electronics Liquid Cooling for Advanced Military Ground and Aerospace Vehicle Projects | | 1,000 |
| | Hydrocarbon Boost Technology Demonstrator | | 1,400 |
| | Integrated Power for Aircraft Technologies (INPACT II) | | 3,500 |
| | Integrated Aircraft Energy Management | | 2,000 |
| | Integrated Electrical Starter/Generator (IES/G) | | 1,600 |
| | Integrated Propulsion Analysis Tool | | 2,000 |
| | Lithium Ion Domestic Materials Development | | 1,600 |
| | Multi-Mode Space Propulsion | | 800 |
| | National Test Facility for Aerospace Fuels and Propulsion | | 1,360 |
| | WASH.Oxygen Sensor and Cell-Level Battery Controller | | 800 |
| | Advanced Fuel Cell Based Power System for Small UAV Applications | | 1,200 |
| | Manufacturing of High Energy Superior Lithium Battery Technology | | 6,000 |
| | Vortex Low Cost Rocket Engine | | 2,400 |
| 12 | **AEROSPACE SENSORS** | **109,048** | **130,448** |
| | Information Quality Tools for Persistent Surveillance Data Sets | | 1,600 |
| | Net-Centric Sensors Grid | | 800 |
| | Optically Pumped Atomic Laser (OPAL) | | 2,800 |
| | Sensor Fusion | | 2,400 |
| | Watchkeeper | | 800 |
| | Weather Sensors for CoT | | 1,600 |
| | Advanced Data Exploitation and Visualization | | 800 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Low Voltage, Wideband Electro-Optic Polymer Modulators | | 3,000 |
| | Persistent Sensing Data Processing, Storage and Retrieval | | 1,600 |
| | Space Qualification of the Common Data Link | | 1,600 |
| | Super-Resolution Sensor System | | 2,000 |
| | Wideband Digital Airborne Electronic Sensing Array | | 2,400 |
| 13 | **SPACE TECHNOLOGY** | **117,519** | **135,799** |
| | Advanced Modular Avionics for Operationally Responsive Space Use | | 2,400 |
| | Center for Responsive Space Systems | | 800 |
| | Multicontinuum Technology for Space Structures | | 2,880 |
| | Radiation Hardened Non-Volatile Memory Technology | | 1,600 |
| | Defensive Counterspace Testbed | | 800 |
| | Field Programmable Gate Arrays Mission Assurance Center | | 3,000 |
| | Lightweight, High-Efficiency Solar Cells for Spacecraft | | 800 |
| | Massively Parallel Optical Interconnects for MicroSatellite Applications | | 1,600 |
| | Nuclear Test Seismic Research | | 2,000 |
| | Reconfigurable Electronics and Non-Volatile Memory Research | | 2,000 |
| | Shielding Rocket Payloads | | 400 |
| 16 | **COMMAND CONTROL AND COMMUNICATIONS** | **109,492** | **114,292** |
| | Compact Laser Terminal for Airborne Network Centric Warfare | | 2,800 |
| | Cyber Attack Mitigation and Exploitation Laboratory (CAMEL) III | | 2,000 |
| 18 | **ADVANCED MATERIALS FOR WEAPON SYSTEMS** | **41,926** | **65,646** |
| | Advanced Nanotube Micro-Munitions Weapon Technology Initiative | | 1,600 |
| | EMI Grid Fabrication Technology | | 2,720 |
| | Aircraft Evaluation Readiness Initiative | | 2,400 |
| | Hybrid Bearing | | 1,600 |
| | Materials Integrity Management Research for Air Force Systems | | 800 |
| | Metals Affordability Initiative | | 4,000 |
| | Rapid Automated Processing of Advanced Low Observables | | 1,600 |
| | Sewage-Derived Biofuels Project | | 2,400 |
| | Silicon Carbide Electronics Material Producibility Initiative | | 4,800 |
| | Sonic Infrared Imaging Technology Development | | 800 |
| | Strategic Biofuel Supply Program | | 1,000 |
| 19 | **ADVANCED AEROSPACE SENSORS** | **56,916** | **65,316** |
| | Active Unmanned Air Vehicle (UAV) Phenomenology and Automatic Target Recognition Technology Transition (ATR) | | 2,000 |
| | Automated Sensor-Communication Response Technology | | 1,600 |
| | Moving Target Strike | | 2,000 |
| | Reconfigurable Secure Computing | | 1,200 |
| | Precision Image Tracking and Registration | | 1,600 |
| 20 | **AEROSPACE TECHNOLOGY DEV/DEMO** | **44,918** | **46,118** |
| | Big Antennas Small Structures Efficient Tactical (BASSET) UAV | | 1,200 |
| 21 | **AEROSPACE PROPULSION AND POWER TECHNOLOGY** | **170,856** | **180,256** |
| | Bio-JP8 Fuel Development | | 800 |
| | Texas Research Institute for Environmental Studies | | 1,600 |
| | Small Adaptive Cycle Turbine Engines | | 1,600 |
| | Renewable Hydrocarbon Fuels for Military Applications (Great Lakes Region) | | 2,000 |
| | XTC58F VAATE Small Turbo Fan Program | | 3,600 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Assured Aerospace Fuels Research | | 1,600 |
| | Silicon Carbide Power Electronics for More Electric Aircraft | | 3,200 |
| | Turbine Engine Core Components - program growth | | -5,000 |
| 22 | **CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY** | **26,630** | **34,110** |
| | Air Purification with Carbon Nanotube Nanostructured Material | | 5,000 |
| | PhasorBIRD Helmet Tracker | | 2,480 |
| 23 | **ELECTRONIC COMBAT TECHNOLOGY** | **21,056** | **31,936** |
| | Innovative Polymeric Materials for Three-Dimensional (3-D) Microdevice Construction | | 1,600 |
| | New Electronic Warfare Specialists Through Advanced Research by Students | | 1,600 |
| | COTS Analysis Tools for Navigational Warfare | | 1,200 |
| | Advanced Electromagnetic Location of IEDs Defeat System | | 1,600 |
| | Advance Threat Alert/Advance Technology Demonstration | | 4,880 |
| 25 | **ADVANCED SPACECRAFT TECHNOLOGY** | **80,958** | **98,580** |
| | Small Low-Cost Reconnaissance Spacecraft Components | | 1,600 |
| | Space Situational Awareness | | 1,200 |
| | Semiconductor Optical Amplifier for Responsive Space MPOI | | 2,200 |
| | Hybrid Sounding Rocket Propulsion | | 800 |
| | Integrated Spacecraft Engineering Tool (ISET) | | 1,600 |
| | Micromachined Switches for Next Generation Modular Satellites | | 2,400 |
| | Satellite Coherent Optical Receiver (SCORE) | | 1,750 |
| | Operational Responsive Space Architecture for Dual Use Applications | | 1,272 |
| | Thin Film Amorphous Solar Arrays | | 1,600 |
| | Ultra Low Power Electronics | | 3,200 |
| 26 | **MAUI SPACE SURVEILLANCE SYSTEM (MSSS)** | **4,838** | **36,438** |
| | Flash Hyper-Dimensional Imaging System for Space Situational Awareness and Ballistic Missile Defense | | 1,600 |
| | MSSS Operations & Research | | 22,000 |
| | PanSTARRS | | 8,000 |
| 27 | **CONVENTIONAL WEAPONS TECHNOLOGY** | **11,813** | **19,213** |
| | Energetic Device Quality and Reliability Improvements Using Computer Aided Process Control | | 2,400 |
| | Body Armor Improved Ballistic Protection | | 2,000 |
| | Integrated Targeting Device | | 3,000 |
| 28 | **ADVANCED WEAPONS TECHNOLOGY** | **44,507** | **56,467** |
| | Compound Zoom for Airborne Reconnaissance (CZAR) | | 1,200 |
| | Advanced Fiber Lasers Systems and Components | | 960 |
| | Applications of LIDAR to Vehicles with Analysis | | 7,000 |
| | Real-time Optical Surveillance Applications | | 2,800 |
| 29 | **MANUFACTURING TECHNOLOGY PROGRAM** | **39,729** | **45,329** |
| | Prepreg Thickness Variability Reduction Program | | 1,600 |
| | Production of Nanocomposites for Aerospace Applications | | 1,600 |
| | Next Generation Casting Supplier Base Initiative | | 2,400 |
| 30 | **C3I ADVANCED DEVELOPMENT** | **30,103** | **34,003** |
| | MPOI for Battlespace Information Exchange | | 3,900 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **33 INTELLIGENCE ADVANCED DEVELOPMENT** | **4,988** | **6,588** |
| Broad Area Multi-Intelligence Ubiquitous Surveillance Enterprise | | 1,600 |
| **34 PHYSICAL SECURITY EQUIPMENT** | **477** | **1,677** |
| Multi-Sensor Person-Borne Suicide Counter Bomber Detection Systems | | 1,200 |
| **36 GPS III - OPERATIONAL CONTROL SEGMENT** | **2,975** | **307,335** |
| GPS III OCX | | 304,360 |
| **37 GPS OPERATIONAL CONTROL SEGMENT** | **304,360** | **0** |
| GPS III- OCX backwards compatibility | | -304,360 |
| **40 SPACE CONTROL TECHNOLOGY** | **76,845** | **86,645** |
| COTS Technology for Situational Space Awareness | | 2,800 |
| Multi-mission Deployable Optical System | | 4,000 |
| Space Situational Awareness - TCN Demonstration and Deployment | | 3,000 |
| **44 TRANSFORMATIONAL SATCOM (TSAT)** | **842,974** | **767,974** |
| Program Reduction/TSAT Contract Award Delay | | -75,000 |
| **46 INTERCONTINENTAL BALLISTIC MISSILE** | **65,629** | **70,429** |
| Conventional Strike Mission Integration Demonstration | | 4,800 |
| **47 WIDEBAND GAPFILLER SYSTEM RDT&E (SPACE)** | **12,422** | **52,422** |
| Program Sustain and Evolution | | 40,000 |
| **49 POLLUTION PREVENTION (DEM/VAL)** | **2,877** | **11,677** |
| Microcomposite Coatings for Chrome Replacement | | 800 |
| Program Increase | | 8,000 |
| **52 ALTERNATIVE FUELS** | **28,464** | **59,864** |
| Alternative Energy - Tin City | | 500 |
| Eielson AFB Coal to Liquid Initiative | | 5,000 |
| Air Force Requested Transfer (Note: Includes transfer from OM, AF Line 41A) | | 25,900 |
| **55 OPERATIONALLY RESPONSIVE SPACE** | **110,032** | **197,232** |
| Micro-Satellite Serial Manufacturing to Include Academic Outreach Educational Program | | 800 |
| Chip Scale Atomic Clock | | 2,400 |
| Ballistic Missile Technology | | 2,400 |
| Florida National Guard Missile Range Safety Technology | | 1,600 |
| Infrared Sensor Payload Development and Demonstration (Note: Includes transfer from Line 70) | | 75,000 |
| Low-Earth Orbit Nanosatellite Integrated Defense Autonomous Systems | | 5,000 |
| **59 B-1B** | **128,871** | **143,031** |
| FIDL and CITS Program Increase (Note: Air Force requested transfer from AP,AF Line 25) | | 10,000 |
| B-1 Bomber 16-Carry Adapter Weapons Initiative | | 4,160 |
| **60 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING** | **7,462** | **13,462** |
| AT-6B Capabilities Demonstration for the Air National Guard | | 6,000 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 61 | **B-2 ADVANCED TECHNOLOGY BOMBER** | **351,417** | **365,077** |
| | Air Force Requested Transfer (Note: Air Force requested transfer to AP,AF Line 24) | | -18,500 |
| | B-2 Integrated Strike Warfare | | 12,720 |
| | B-2 Moving Target Kill (MTK)/SDB II | | 8,240 |
| | B-2 Advanced Tactical Data Link | | 11,200 |
| 63 | **ELECTRONIC WARFARE DEVELOPMENT** | **54,995** | **56,495** |
| | Rapid Replacement of Mission Critical Electronics to Support High Usage Wartime Aircraft Deployments | | 1,500 |
| 65 | **SMALL DIAMETER BOMB (SDB)** | **125,067** | **126,667** |
| | M-PACT High Pressure Pure Air Generator System | | 1,600 |
| 66 | **COUNTERSPACE SYSTEMS** | **74,918** | **76,518** |
| | Space Control Test Capabilities | | 1,600 |
| 69 | **SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD** | **529,771** | **544,771** |
| | SBIRS Space HEO Ground Integration | | 15,000 |
| 70 | **ALTERNATIVE INFRARED SPACE SYSTEM (AIRSS)** | **149,064** | **960** |
| | Third Generation Infrared System (3GIRS) (Note: Transferred to Line 55) | | -149,064 |
| | Advanced Staring Infrared Testbed (ASIRT) Technology Demonstration | | 960 |
| 75 | **LIFE SUPPORT SYSTEMS** | **10,998** | **16,598** |
| | ACES 5 Ejection Seat | | 5,600 |
| 77 | **INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A)** | **177** | **5,777** |
| | Distributed Mission Interoperability Toolkit (DMIT) | | 1,600 |
| | ASSET eWing and Data Fusion Technology Integration | | 4,000 |
| 78 | **INTELLIGENCE EQUIPMENT** | **1,488** | **2,288** |
| | Integrated SAR/PI Evaluator for Critical Target and Activity Recognition (INSPECTAR) | | 800 |
| 80 | **JOINT STRIKE FIGHTER (JSF)** | **1,524,016** | **1,739,016** |
| | Alternate Engine | | 215,000 |
| 82 | **RDT&E FOR AGING AIRCRAFT** | **13,828** | **17,028** |
| | KC-135R Tanker Blended Winglet Development | | 3,200 |
| 83 | **NEXT GENERATION AERIAL REFUELING AIRCRAFT** | **831,759** | **23,000** |
| | Transfer to Tanker Replacement Transfer Fund | | -808,759 |
| 84 | **CSAR-X RDT&E** | **305,062** | **233,027** |
| | Request Ahead of Need/Contract Delay | | -40,000 |
| | Adjustment due to Fiscal Year 2008 Unobligated Balance | | -32,035 |
| 86 | **LINK-16 SUPPORT AND SUSTAINMENT** | **186,213** | **193,813** |
| | Program Increase | | 6,400 |
| | Flexible Access Secure Transfer (FAST) | | 1,200 |
| 87 | **E-10 SQUADRONS** | **42,215** | **0** |
| | Transfer to Global Hawk Line 195 | | -42,215 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **90 JOINT CARGO AIRCRAFT (JCA)** | **26,777** | **16,777** |
| Unexecutable request | | -10,000 |
| **94 MAJOR T&E INVESTMENT** | **61,818** | **69,418** |
| FPS-16 Radar Mobilization Upgrade | | 2,800 |
| Eglin AFB Range Operations Center (ROCC) Initiative | | 800 |
| Holloman High Speed Test Track | | 4,000 |
| **95 RAND PROJECT AIR FORCE** | **28,676** | **31,676** |
| Program Increase | | 3,000 |
| **101 FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL** | **46,234** | **49,434** |
| Base Facility Energy Independence | | 3,200 |
| **102 FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT** | **28,898** | **36,298** |
| Internal Base Facility Energy Independence - Solar | | 1,600 |
| Low Profile Arresting Gear | | 800 |
| Sustainable Energy Vermont National Guard Demonstration Projects | | 5,000 |
| **108 B-52 SQUADRONS** | **38,651** | **47,651** |
| Core Component Jammer (CCJ) | | 9,000 |
| **117 MQ-9 UAV** | **43,557** | **46,557** |
| MQ-9 Reaper - UAS AirPortal, Hancock Field | | 3,000 |
| **118 A-10 SQUADRONS** | **0** | **4,000** |
| Scorpion Low Cost Helmet Mounted Cueing and Information Display System | | 4,000 |
| **119 F-16 SQUADRONS** | **123,979** | **127,179** |
| Synthetic Aperture Radar (SAR) Thunder Radar Pod (TRP) | | 3,200 |
| **120 F-15E SQUADRONS** | **184,213** | **199,413** |
| F-15 AN/ALR-56C RWR Digital Receiver Upgrade | | 3,200 |
| F-15 AESA Development and Demonstration | | 12,000 |
| **122 F-22 SQUADRONS** | **700,305** | **607,305** |
| Funding for Engines Provided Previously | | -38,000 |
| Program Growth | | -35,000 |
| Lab Infrastructure Program Growth | | -20,000 |
| **132 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)** | **13,035** | **33,035** |
| JASSM Extended Range Development (Note: Transferred from MP,AF Line 2) | | 20,000 |
| **133 AIR AND SPACE OPERATIONS CENTER (AOC)** | **118,834** | **98,834** |
| ASOC increment 10.2 program delay | | -20,000 |
| **141 FIGHTER TACTICAL DATA LINK** | **62,788** | **57,788** |
| Advanced Tactical Data Link program delay | | -5,000 |
| **145 JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM** | **97,641** | **81,541** |
| Funded in FY08 Supplemental - DMS | | -36,100 |
| Multi Platform Radar Technology Improvement Program (MPRTIP) Integration and Test on JSTARS | | 20,000 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **154 NATIONAL AIR INTELLIGENCE CENTER** | | **1,360** |
| Air Cargo Tracking and Analysis/Secure Skies | | 1,360 |
| **164 GLOBAL COMMAND AND CONTROL SYSTEM** | **3,218** | **7,218** |
| Command and Control Service Level Management (C2SLM) Program | | 4,000 |
| **167 SPECIAL ACTIVITIES** | | **5,600** |
| Massively Parallel Optical Interconnects (MPOI) for ISR Satellites | | 1,600 |
| Radiation Hardened Microelectronics (HX5000) Carbon Nanotube Sensors | | 2,000 |
| Ultralight Aerospace Nanotube Conductors | | 2,000 |
| **170 ADVANCED GEOSPATIAL INTELLIGENCE** | | **2,000** |
| Advanced Technical Intelligence Center | | 2,000 |
| **184 NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT)** | **127,513** | **131,513** |
| Transportable Transponder Landing System | | 4,000 |
| **190 INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS** | **1,237** | **3,637** |
| Warfighter Support Using HELIOS | | 2,400 |
| **191 AIRBORNE RECONNAISSANCE SYSTEMS** | **149,752** | **104,152** |
| Blackswift - Unjustified Program | | -50,000 |
| Multiple UAS Cooperative Concentrated Observation and Engagement Against a Common Ground Objective | | 4,400 |
| **192 MANNED RECONNAISSANCE SYSTEMS** | **12,819** | **17,859** |
| Rivet Joint ISR Network Integration | | 2,000 |
| Combat Sent Wideband Sensor Upgrade Program | | 3,040 |
| **194 PREDATOR UAV (JMIP)** | **24,773** | **37,173** |
| Predator Mission Aircrew Training System (PMATS) Upgrade | | 2,400 |
| Center of Excellence for Defense UAV Education | | 4,000 |
| Multi-Sensor Detect, See and Avoid | | 6,000 |
| **195 GLOBAL HAWK UAV** | **284,292** | **311,507** |
| Program Execution | | -15,000 |
| Transferred from E-10 Line 87 | | 42,215 |
| **197 GPS III SPACE SEGMENT** | **420,342** | **393,342** |
| Contract Award Delay | | -27,000 |
| **201 NATIONAL SECURITY SPACE OFFICE** | **10,797** | **7,797** |
| Program Reduction | | -3,000 |
| **205 C-130 AIRLIFT SQUADRON** | **172,560** | **179,760** |
| Electromagnetic In-Flight Propeller Balancing System | | 2,000 |
| C-130 Automated Inspection, Repair, Corrosion and Aircraft Tracking Condition-Based Maintenance Plus | | 3,200 |
| NP 2000 Propeller System - Air National Guard Special Missions C-130 | | 2,000 |
| **206 C-5 AIRLIFT SQUADRONS** | **125,063** | **127,463** |
| Inductive Thermography Systems Inspection | | 2,400 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 208 | **C-130J PROGRAM** | **52,354** | **27,354** |
| | International Block Upgrade Savings | | -25,000 |
| 209 | **LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)** | **32,100** | **36,500** |
| | LAIRCM for AFSOC AC/MC-130 Aircraft | | 4,400 |
| 214 | **AIR MOBILITY TACTICAL DATA LINK** | | **8,000** |
| | MAF-Data Link Integration (Note: Air Force requested transfer from APAF, Line 59) | | 8,000 |
| 215 | **SPECIAL TACTICS / COMBAT CONTROL** | **5,728** | **7,728** |
| | Next Generation Tactical Environmental Clothing for AFSOC | | 2,000 |
| 217 | **ACQUISITION AND MANAGEMENT SUPPORT** | **34,428** | **37,228** |
| | Acquisition Data Repository (ADR) | | 2,800 |
| 218 | **INDUSTRIAL PREPAREDNESS** | **0** | **4,800** |
| | Technology Insertion Demonstration and Evaluation (TIDE) | | 3,200 |
| | Laser Peening for Friction Stir Welded Aerospace Structures | | 1,600 |
| 220 | **LOGISTICS INFORMATION TECHNOLOGY (LOGIT)** | **189,679** | **159,679** |
| | ECSS Unjustified Growth/Program Delay | | -30,000 |
| 221 | **SUPPORT SYSTEMS DEVELOPMENT** | **8,145** | **46,945** |
| | WR-ALC Strategic Airlift Aircraft Availability Improvement | | 3,360 |
| | Expeditionary 200 kW+ Alternative Power Generator | | 800 |
| | Micro-Grid Energy Storage Utilizing a Deployable Zinc-Bromide Flow Battery | | 1,600 |
| | Alternative Energy Fuel Cell Power | | 1,600 |
| | Accelerator-Driven Non-Destructive Testing | | 2,000 |
| | Eielson Air Force Base Alternative Energy Source Program | | 2,400 |
| | Technical Order Modernization Environment | | 1,440 |
| | Alternative Energy Research | | 20,000 |
| | Assessment of Alternative Energy for Aircraft Ground Equipment | | 1,600 |
| | Freedom Fuels/Coal Fuels Alliance | | 3,200 |
| | Warner Robbins Air Logistics Center Special Operations Forces | | 800 |
| 223 | **OTHER PERSONNEL ACTIVITIES** | **116** | **1,116** |
| | Expert Organization Development System (EXODUS) | | 1,000 |
| 228 | **FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT** | **31,782** | **16,782** |
| | DEAMS program delay | | -15,000 |
| 999 | **CLASSIFIED PROGRAMS** | **10,304,689** | **9,740,588** |
| | Classified Programs | | -579,941 |
| | Remote Suspect Identification | | 3,200 |
| | Thermal IR Processing and Exploitation Cell (TPEC) | | 2,400 |
| | Close Proximity Space Situational Awareness | | 640 |
| | Carbon Nanotube-based Radiation Hard Nano-Electronics Devices | | 7,200 |
| | Carbon Nanotube Enhanced Power Sources for Space | | 2,400 |

MAUI SPACE SURVEILLANCE SYSTEM (MSSS)

The bill provides an increase of $22,000,000 over the budget request for sustainment, investment in new technologies and initiatives, and research and development activities at MSSS. The Air Force is directed to base its overhead charges only on the amount requested. None of the increases provided here shall be subject to Air Force taxes or withholds. Furthermore, research funds should be allocated by Air Force officials onsite to local programs that offer the greatest potential return and merit.

SPACE MAJOR FORCE PROGRAM

In the Fiscal Year 2008 Department of Defense Appropriations Act, the Secretary of Defense was directed to create a major force program category for space for the future years defense program of the Department of Defense. Further clarification toward this intent is required. The virtual major force program has been an established measure for several years and it is considered an acceptable foundation for development of the final space major force program inventory. The current virtual major force program includes space-based assets and the associated nonspace, command, control, communications, and intelligence assets supporting the space systems.

Space systems are not just the satellites resident in the exo-atmosphere butalso include the associated terminal programs. In the past, these terminal programs were desynchronized from the space platforms due to funding shortfalls and schedule delays. In the future, a tighter coupling of these programs is required. Therefore, these terminal programs must be included in the space major force program inventory. The Department of Defense is directed to implement the final space major force program prior to the submission of the fiscal year 2011 budget. Furthermore, six months after enactment of this Act, the Secretary of Defense is directed to report to the congressional defense committees the status of the population and development of the space major force program.

MISSILE WARNING

The current Defense Support Program constellation of satellites is aging and needs to be replaced. The Air Force has been pursuing the Space Based Infrared Satellite System—geosynchronous (SBIRS–GEO) component for over a decade and the development is almost complete. A sister system, Space Based Infrared Satellite System—highly elliptical orbit (SBIRS–HEO) has launched, successfully initialized, and is providing extraordinary data, well beyond expectations. However, the SBIRS–HEO component is not fully integrated into the ground system, so the data products are not fully exploited. Therefore, the bill includes $15,000,000 above the budget request to be used for increased SBIRS–HEO ground integration and data exploitation.

Furthermore, to date the Department of Defense has not planned for additional SBIRS–GEO satellites. In order to avoid a production break and the associated costs, the Department of Defense is directed to begin procurement of the fourth and fifth SBIRS–GEO satellites in the fiscal year 2010 budget request.

NATIONAL SECURITY SPACE OFFICE

The original intent of the National Security Space Office (NSSO) was to provide the Executive Agent for Space with an analysis team that would make recommendations to the priorities, capabilities and budgets of both the Department of Defense and intelligence community space programs. In recent years, the NSSO has lost the support of the National Reconnaissance Office, which has provided no funding for the NSSO, and the Air Force and other Department of Defense organizations have used the NSSO as personal staff. The Secretary of Defense and the Director of National Intelligence are directed to assess the roles and responsibilities of the NSSO and to report back to the congressional defense oversight committees by May 15, 2009.

COAL TO LIQUID FUELS

The Congress understands that the Air Force is strongly committed to an energy strategy that looks to certify their entire fleet of aircraft on a synthetic fuel blend by 2011, with the intent to purchase 50 percent of their aviation fuel used in the United States in the form of a synthetic fuel blend by 2016. Part of this strategy involves examining at the feasibility, cost effectiveness, and environmental impacts of building coal-to-liquid fuel (CTL) plants, utilizing enhanced-use leasing authorities. It is envisioned that these plants would be built in strategic locations, where there are abundant coal and water resources to operate these plants. Consistent with the Air Force vision and availability of resources necessary for a CTL plant, a total of $10,000,000 is provided only to support Air Force efforts in siting and contracting for such a plant on Eielson Air Force Base. This funding is split between Operation and Maintenance, Air Force, and Research, Development, Test and Evaluation, Air Force accounts.

The Secretary of the Air Force is directed to submit a report to the congressional defense committees no later than April 1, 2009, which provides the framework for a joint partnership between the Department of Defense and a private developer, to include an associated milestone schedule, a preliminary design, engineering studies, and the plan to accomplish any required environmental work.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

For Research, Development, Test and Evaluation, Defense-Wide, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVAL, DEFENSE-WIDE | | | |
| | BASIC RESEARCH | | | |
| 1 | DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH.. | 18,000 | 22,400 | +4,400 |
| 2 | DEFENSE RESEARCH SCIENCES..... | 195,657 | 203,037 | +7,380 |
| 3 | GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEAR | --- | 4,400 | +4,400 |
| 4 | DEFENSE EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE | 2,833 | 14,833 | +12,000 |
| 5 | NATIONAL DEFENSE EDUCATION PROGRAM..... | 68,972 | 68,972 | --- |
| 6 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM..... | 53,191 | 72,791 | +19,600 |
| | TOTAL, BASIC RESEARCH..... | 338,653 | 386,433 | +47,780 |
| | APPLIED RESEARCH | | | |
| 7 | INSENSITIVE MUNITIONS--EXPLORATORY DEVELOPMENT..... | 15,254 | 15,254 | --- |
| 9 | HISTORICALLY BLACK COLLEGES & UNIV (HBCU) SCIENCE..... | 15,156 | 41,556 | +26,400 |
| 10 | LINCOLN LABORATORY RESEARCH PROGRAM..... | 31,340 | 31,340 | --- |
| 11 | INFORMATION AND COMMUNICATIONS TECHNOLOGY..... | 254,009 | 252,109 | -1,900 |
| 12 | COGNITIVE COMPUTING SYSTEMS..... | 145,262 | 145,262 | --- |
| 13 | BIOLOGICAL WARFARE DEFENSE..... | 66,291 | 56,291 | -10,000 |
| 14 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM..... | 203,731 | 234,131 | +30,400 |
| 15 | HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) APP | 7,685 | 7,685 | --- |
| 16 | TACTICAL TECHNOLOGY..... | 371,481 | 353,881 | -17,600 |
| 17 | MATERIALS AND BIOLOGICAL TECHNOLOGY..... | 285,264 | 283,664 | -1,600 |
| 18 | WMD DEFEAT TECHNOLOGY..... | --- | 1,200 | +1,200 |
| 19 | ELECTRONICS TECHNOLOGY..... | 211,457 | 199,937 | -11,520 |
| 21 | WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES..... | 211,078 | 213,078 | +2,000 |
| 23 | SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT..... | 23,104 | 38,504 | +15,400 |
| 24 | SOF MEDICAL TECHNOLOGY DEVELOPMENT..... | 2,459 | 2,459 | --- |
| 25 | INSENSITIVE MUNITIONS - ADVANCED DEVELOPMENT..... | 15,970 | 9,970 | -6,000 |
| | TOTAL, APPLIED RESEARCH..... | 1,859,541 | 1,886,321 | +26,780 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 26 | SO/LIC ADVANCED DEVELOPMENT | 32,832 | 33,632 | +800 |
| 27 | COMBATING TERRORISM TECHNOLOGY SUPPORT | 79,970 | 123,690 | +43,720 |
| 28 | COUNTERPROLIFERATION INITIATIVES--PROLIF PREV & DEFEAT | 211,325 | 219,645 | +8,320 |
| 29 | BALLISTIC MISSILE DEFENSE TECHNOLOGY | 118,718 | 119,718 | +1,000 |
| 30 | JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT | 23,727 | 23,727 | --- |
| 31 | ADVANCED AEROSPACE SYSTEMS | 107,857 | 87,857 | -20,000 |
| 32 | SPACE PROGRAMS AND TECHNOLOGY | 287,009 | 227,009 | -60,000 |
| 33 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV | 337,927 | 316,827 | -21,100 |
| 34 | JOINT ELECTRONIC ADVANCED TECHNOLOGY | 9,320 | 10,520 | +1,200 |
| 35 | JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS | 206,337 | 208,237 | +1,900 |
| 36 | NETWORKED COMMUNICATIONS CAPABILITIES | 39,923 | 29,923 | -10,000 |
| 37 | BIOMETRICS SCIENCE AND TECHNOLOGY | 10,579 | 10,579 | --- |
| 38 | HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) ADV | 9,381 | 9,381 | --- |
| 39 | DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG | 11,981 | 18,381 | +6,400 |
| 40 | JOINT ROBOTICS PROGRAM/AUTONOMOUS SYSTEMS | 8,449 | 9,249 | +800 |
| 41 | GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS | 19,375 | 76,135 | +56,760 |
| 42 | DEPLOYMENT AND DISTRIBUTION ENTERPRISE TECHNOLOGY | 30,000 | 30,000 | --- |
| 43 | STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM | 69,038 | 69,038 | --- |
| 44 | MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT | --- | 32,480 | +32,480 |
| 45 | JOINT WARFIGHTING PROGRAM | 11,098 | 12,098 | +1,000 |
| 46 | ADVANCED ELECTRONICS TECHNOLOGIES | 201,146 | 200,046 | -1,100 |
| 47 | SYNTHETIC APERTURE RADAR (SAR) COHERENT CHANGE DETECT. | 7,984 | 7,984 | --- |
| 48 | ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS | --- | 1,200 | +1,200 |
| 49 | HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM | 208,079 | 221,559 | +13,480 |
| 50 | COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS | 338,964 | 328,964 | -10,000 |
| 52 | CLASSIFIED DARPA PROGRAMS | 196,697 | 196,697 | --- |
| 53 | NETWORK-CENTRIC WARFARE TECHNOLOGY | 156,733 | 154,433 | -2,300 |
| 54 | SENSOR TECHNOLOGY | 226,470 | 218,070 | -8,400 |
| 55 | GUIDANCE TECHNOLOGY | 110,572 | 108,272 | -2,300 |
| 56 | DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT | 13,538 | 13,538 | --- |
| 57 | SOFTWARE ENGINEERING INSTITUTE | 31,244 | 31,244 | --- |
| 59 | QUICK REACTION SPECIAL PROJECTS | 113,924 | 107,385 | -6,539 |
| 60 | JOINT EXPERIMENTATION | 114,947 | 109,377 | -5,570 |
| 61 | JOINT WARGAMING SIMULATION MANAGEMENT OFFICE | 38,147 | 33,787 | -4,360 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 62 | TEST & EVALUATION SCIENCE & TECHNOLOGY | 94,672 | 94,672 | --- |
| 63 | TECHNOLOGY LINK | 2,170 | 5,770 | +3,600 |
| 64 | SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT | 28,930 | 61,250 | +32,320 |
| 65 | SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT | 10,990 | 10,990 | --- |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 3,520,053 | 3,573,364 | +53,311 |
| | DEMONSTRATION & VALIDATION | | | |
| 66 | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT | 38,758 | 50,158 | +11,400 |
| 68 | RETRACT LARCH | 22,945 | 22,945 | --- |
| 69 | JOINT ROBOTICS PROGRAM | 11,847 | 11,847 | --- |
| 70 | ADVANCE SENSOR APPLICATIONS PROGRAM | --- | 16,000 | +16,000 |
| 71 | ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM | 31,600 | 38,904 | +7,304 |
| 72 | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT | 1,019,073 | 959,973 | -59,100 |
| 73 | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT | 2,076,662 | 1,512,662 | -564,000 |
| 73a | TWO STAGE INTERCEPTOR SEGMENT | --- | 363,250 | +363,250 |
| 73b | EUROPEAN MIDCOURSE RADAR | --- | 76,800 | +76,800 |
| 73c | EUROPEAN GLOBAL ENGAGEMENT MANGER/U.S. COMMUNICATIONS | --- | 27,100 | +27,100 |
| 74 | BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT | 421,229 | 402,129 | -19,100 |
| 75 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 51,291 | 62,891 | +11,600 |
| 76 | BALLISTIC MISSILE DEFENSE SENSORS | 1,076,983 | 770,232 | -306,751 |
| 77 | BALLISTIC MISSILE DEFENSE SYSTEM INTERCEPTOR | 386,817 | 386,817 | --- |
| 78 | BALLISTIC MISSILE DEFENSE TEST & TARGETS | 665,445 | 914,845 | +249,400 |
| 79 | BALLISTIC MISSILE DEFENSE SYSTEMS CORE | 432,262 | 404,162 | -28,100 |
| 80 | SPECIAL PROGRAMS - MDA | 288,315 | 176,315 | -112,000 |
| 81 | AEGIS BMD | 1,157,783 | 1,117,483 | -40,300 |
| 82 | SPACE SURVEILLANCE & TRACKING SYSTEM | 242,441 | 209,641 | -32,800 |
| 83 | MULTIPLE KILL VEHICLES | 354,455 | 284,455 | -70,000 |
| 84 | BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS | 29,771 | 24,771 | -5,000 |
| 85 | BALLISTIC MISSILE DEFENSE C2BMC | 289,277 | 289,277 | --- |
| 86 | BALLISTIC MISSILE DEFENSE HERCULES | 55,955 | 55,955 | --- |
| 87 | BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT | 69,982 | 69,982 | --- |
| 88 | BALLISTIC MISSILE DEFENSE JOINT NATIONAL INTERGRATION | 96,404 | 106,404 | +10,000 |
| 90 | REGARDING TRENCH | 2,978 | 2,978 | --- |
| 91 | SEA BASED X-BAND RADAR (SBX) | --- | 147,400 | +147,400 |
| 92 | HUMANITARIAN DEMINING | 14,373 | 14,373 | --- |
| 93 | COALITION WARFARE | 14,030 | 13,319 | -711 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 94 | DEPARTMENT OF DEFENSE CORROSION PROGRAM | 5,102 | 22,402 | +17,300 |
| 95 | JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS | 14,962 | 13,562 | -1,400 |
| 96 | HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) RES | 5,991 | 5,991 | --- |
| 97 | JOINT SYSTEMS INTEGRATION COMMAND (JSIC) | 19,643 | 19,643 | --- |
| 98 | JOINT FIRES INTEGRATION & INTEROPERABILITY TEAM | 16,906 | 16,906 | --- |
| 99 | REDUCTION OF TOTAL OWNERSHIP COST | 24,765 | 24,765 | --- |
| 100 | JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM | 3,524 | 5,524 | +2,000 |
| 101 | DEFENSE ACQUISITION CHALLENGE PROGRAM (DACP) | 30,363 | 28,566 | -1,797 |
| 102 | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT | 4,355 | 4,355 | --- |
| 103 | PROMPT GLOBAL STRIKE | 117,572 | 74,572 | -43,000 |
| | TOTAL, DEMONSTRATION & VALIDATION | 9,093,859 | 8,749,354 | -344,505 |
| | ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| 104 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 299,373 | 304,173 | +4,800 |
| 105 | JOINT ROBOTICS PROGRAM | 5,725 | 5,725 | --- |
| 106 | ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO) | 13,770 | 13,770 | --- |
| 107 | JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) | 20,600 | 20,600 | --- |
| 108 | WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES | 15,946 | 15,946 | --- |
| 109 | INFORMATION TECHNOLOGY DEVELOPMENT | 11,611 | 12,411 | +800 |
| 110 | DEFENSE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM | 37,400 | 37,400 | --- |
| 111 | BUSINESS TRANSFORMATION AGENCY R&D ACTIVITIES | 148,958 | 148,958 | --- |
| 112 | HOMELAND PERSONNEL SECURITY INITIATIVE | 400 | 400 | --- |
| 113 | TRUSTED FOUNDRY | 42,360 | 42,360 | --- |
| 114 | DEFENSE ACQUISITION EXECUTIVE (DAE) PILOT PROGRAM | 5,883 | 5,883 | --- |
| 116 | GLOBAL COMBAT SUPPORT SYSTEM | 18,604 | 18,604 | --- |
| 117 | JOINT COMMAND AND CONTROL PROGRAM (JC2) | 147,339 | 57,339 | -90,000 |
| | TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT | 767,969 | 683,569 | -84,400 |
| | RDT&E MANAGEMENT SUPPORT | | | |
| 118 | TRAINING TRANSFORMATION (T2) | 38,729 | 58,329 | +19,600 |
| 119 | DEFENSE READINESS REPORTING SYSTEM (DRRS) | 11,385 | 11,385 | --- |
| 120 | JOINT SYSTEMS ARCHITECTURE DEVELOPMENT | 14,310 | 14,310 | --- |
| 121 | CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT | 133,852 | 152,852 | +19,000 |
| 122 | THERMAL VICAR | 9,658 | 9,658 | --- |
| 123 | JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC) | 8,834 | 8,834 | --- |
| 124 | TECHNICAL STUDIES, SUPPORT AND ANALYSIS | 34,520 | 36,520 | +2,000 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 125 | USD(A&T)--CRITICAL TECHNOLOGY SUPPORT | 4,007 | 4,007 | --- |
| 126 | FOREIGN MATERIAL ACQUISITION AND EXPLOITATION | 62,816 | 62,816 | --- |
| 127 | JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION | 55,282 | 55,282 | --- |
| 128 | CLASSIFIED PROGRAM USD(P) | --- | 102,000 | +102,000 |
| 129 | FOREIGN COMPARATIVE TESTING | 34,910 | 34,910 | --- |
| 130 | NUCLEAR MATTERS - PHYSICAL SECURITY | 4,475 | 4,475 | --- |
| 131 | SUPPORT TO NETWORKS AND INFORMATION INTEGRATION | 14,723 | 14,723 | --- |
| 132 | GENERAL SUPPORT TO USD (INTELLIGENCE) | 4,379 | 4,379 | --- |
| 133 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM | 100,082 | 100,082 | --- |
| 139 | SMALL BUSINESS INNOVATION RESEARCH/CHALLENGE ADMINISTR | 2,165 | 5,765 | +3,600 |
| 140 | DEFENSE TECHNOLOGY ANALYSIS | 11,040 | 11,040 | --- |
| 142 | FORCE TRANSFORMATION DIRECTORATE | 20,701 | 23,201 | +2,500 |
| 143 | DEFENSE TECHNICAL INFORMATION CENTER (DTIC) | 52,696 | 52,696 | --- |
| 144 | R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION | 25,435 | 18,435 | -7,000 |
| 145 | DEVELOPMENT TEST AND EVALUATION | 20,396 | 23,596 | +3,200 |
| 146 | DARPA AGENCY RELOCATION | 28,000 | 28,000 | --- |
| 147 | MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT) | 52,700 | 48,700 | -4,000 |
| 148 | BUDGET AND PROGRAM ASSESSMENTS | 5,878 | 5,878 | --- |
| 151 | SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES | 30,039 | 35,159 | +5,120 |
| 152 | INFORMATION TECHNOLOGY RAPID ACQUISITION | 5,254 | 5,254 | --- |
| 153 | CYBER SECURITY INITIATIVE | 50,000 | 50,000 | --- |
| 154 | INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS (IO) | 17,625 | 17,625 | --- |
| 155 | INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS(IO)(NSA | --- | 1,200 | +1,200 |
| 156 | WARFIGHTING AND INTELLIGENCE-RELATED SUPPORT | 831 | 831 | --- |
| 157 | PENTAGON RESERVATION | 19,734 | 19,734 | --- |
| 158 | MANAGEMENT HEADQUARTERS - MDA | 86,453 | 81,453 | -5,000 |
| 159 | IT SOFTWARE DEV INITIATIVES | 599 | 599 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 961,508 | 1,103,728 | +142,220 |
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 160 | DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS) | 11,533 | 5,533 | -6,000 |
| 161 | PARTNERSHIP FOR PEACE (PFP) INFORMATION MANAGEMENT SYS | 2,496 | 2,496 | --- |
| 162 | CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D | 10,274 | 12,674 | +2,400 |
| 163 | JOINT INTEGRATION AND INTEROPERABILITY | 49,371 | 49,371 | --- |
| 164 | JOINT STAFF ANALYTICAL SUPPORT | 8,030 | 8,030 | --- |
| 165 | CLASSIFIED PROGRAMS | 1,728 | 1,728 | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 166 | C4I INTEROPERABILITY | 76,226 | 76,226 | --- |
| 167 | CRYPTOLOGIC ACTIVITIES | --- | 3,200 | +3,200 |
| 168 | JOINT/ALLIED COALITION INFORMATION SHARING | 19,073 | 19,073 | --- |
| 177 | NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT | 615 | 615 | --- |
| 178 | DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATIO | 16,054 | 16,054 | --- |
| 179 | LONG HAUL COMMUNICATIONS (DCS) | 8,508 | 8,508 | --- |
| 180 | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK | 9,685 | 9,685 | --- |
| 181 | PUBLIC KEY INFRASTRUCTURE (PKI) | 15,577 | 15,577 | --- |
| 182 | KEY MANAGEMENT INFRASTRUCTURE (KMI) | 49,578 | 49,578 | --- |
| 183 | INFORMATION SYSTEMS SECURITY PROGRAM | 13,459 | 13,459 | --- |
| 184 | INFORMATION SYSTEMS SECURITY PROGRAM | 394,074 | 403,574 | +9,500 |
| 186 | DISA MISSION SUPPORT OPERATIONS | 2,181 | 2,181 | --- |
| 187 | C4I FOR THE WARRIOR | 3,662 | 3,662 | --- |
| 189 | GLOBAL COMMAND AND CONTROL SYSTEM | 36,374 | 36,374 | --- |
| 190 | JOINT SPECTRUM CENTER | 19,319 | 19,319 | --- |
| 191 | NET-CENTRIC ENTERPRISE SERVICES (NCES) | 429 | 429 | --- |
| 192 | TELEPORT PROGRAM | 2,060 | 2,060 | --- |
| 193 | SPECIAL APPLICATIONS FOR CONTINGENCIES | 16,225 | 26,325 | +10,100 |
| 195 | DEFENSE GEOSPATIAL-INTELLIGENCE | --- | 1,600 | +1,600 |
| 196 | CYBER SECURITY INITIATIVE | 1,000 | 1,000 | --- |
| 198 | CYBER SECURITY INITIATIVE | 12,800 | 12,800 | --- |
| 199 | CRITICAL INFRASTRUCTURE PROTECTION (CIP) | 12,700 | 17,900 | +5,200 |
| 201 | DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES | 2,947 | 2,947 | --- |
| 203 | POLICY R&D PROGRAMS | 8,237 | 8,237 | --- |
| 206 | NET CENTRICITY | 12,716 | 12,716 | --- |
| 210 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 3,165 | 765 | -2,400 |
| 213 | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS | 3,227 | 3,227 | --- |
| 215 | MQ-1 PREDATOR A UAV | 13,679 | 13,679 | --- |
| 218 | COMBATANT COMMAND INTELLIGENCE OPERATIONS | --- | 12,880 | +12,880 |
| 225 | INDUSTRIAL PREPAREDNESS | 20,480 | 55,280 | +34,800 |
| 226 | LOGISTICS SUPPORT ACTIVITIES | 2,846 | 2,846 | --- |
| 227 | MANAGEMENT HEADQUARTERS (JCS) | 3,401 | 3,401 | --- |
| 228 | NATO JOINT STARS | 27,756 | 27,756 | --- |
| 231 | SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEV | 43,977 | 44,777 | +800 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| 232 | SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT | 13,263 | 26,263 | +13,000 |
| 233 | SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT | 39,125 | 39,974 | +849 |
| 234 | SOF OPERATIONAL ENHANCEMENTS | 48,137 | 55,337 | +7,200 |
| 235 | SPECIAL OPERATIONS CV-22 DEVELOPMENT | 38,229 | 40,229 | +2,000 |
| 237 | OPS ADVANCED SEAL DELIVERY SYSTEM (ASDS) DEVELOPMENT | 7,090 | 8,690 | +1,600 |
| 238 | MISSION TRAINING AND PREPARATION SYSTEMS (MTPS) | 4,052 | 5,652 | +1,600 |
| 239 | UNMANNED VEHICLES (UV) | 1,527 | 43,927 | +42,400 |
| 240 | MC130J SOF TANKER RECAPITALIZATION | 4,659 | 4,659 | --- |
| 241 | SOF WEAPONS SYSTEMS | 2,759 | 2,559 | -200 |
| 242 | SOF SOLDIER PROTECTION AND SURVIVAL SYSTEMS | 3,190 | 3,190 | --- |
| 243 | SOF VISUAL AUGMENTATION, LASERS & SENSOR SYSTEMS | 3,495 | 6,986 | +3,491 |
| 244 | SOF ROTARY WING AVIATION | 3,822 | 1,647 | -2,175 |
| 245 | SOF UNDERWATER SYSTEMS | 3,142 | 5,542 | +2,400 |
| 246 | SOF SURFACE CRAFT | 5,206 | 5,206 | --- |
| 247 | SOF PSYOP | 15,554 | 15,554 | --- |
| 248 | SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES | 14,686 | 14,686 | --- |
| 249 | SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE | 8,729 | 8,729 | --- |
| | TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT | 1,152,127 | 1,296,372 | +144,245 |
| 999 | CLASSIFIED PROGRAMS | 3,805,519 | 3,744,197 | -61,322 |
| | TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEF-WIDE | 21,499,229 | 21,423,338 | -75,891 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 1 | **DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH** | **18,000** | **22,400** |
| | Dual Use Technologies for Bio-Defense: Drug Design and Delivery of Novel Therapeutics | | 1,200 |
| | University Strategic Partnership | | 3,200 |
| 2 | **DEFENSE RESEARCH SCIENCES** | **195,657** | **203,037** |
| | Infections Disease Research (AMNH) for Defense Research Sciences | | 2,000 |
| | Bio-Butanol Production Research | | 2,000 |
| | Institute for Collaborative Sciences Research | | 1,200 |
| | Ultra Photonics Program | | 1,280 |
| | Reduction to fiscal year 2009 new starts | | -4,000 |
| | Advanced Materials Research Institute | | 2,400 |
| | Institute for Information Security | | 2,500 |
| 3 | **GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEARCH** | **0** | **4,400** |
| | Research of Chemical and Biological Warfare Agents | | 800 |
| | Shock Trauma Research Center | | 2,000 |
| | Integrated Cryo-cooled High Power Density Systems | | 1,600 |
| 4 | **DEFENSE EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE** | **2,833** | **14,833** |
| | Program Enhancement | | 12,000 |
| 6 | **CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM** | **53,191** | **72,791** |
| | Continued Expansion of Prototypes for the Destruction of Airborne Pathogens Project | | 800 |
| | Defense Through Early Containment | | 1,200 |
| | High Speed, High Volume Laboratory Network for Infectious Diseases | | 5,000 |
| | Novel Viral Biowarfare Agent Identification and Treatment (NOVBAIT) | | 4,000 |
| | Zumwalt National Program for Countermeasures to Biological and Chemical Threats | | 1,200 |
| | Mismatch Repair Derived Antibody Medicines to Treat Staphylococcus-derived Bioweapons | | 1,600 |
| | DNA Safeguard | | 1,200 |
| | In Vitro Models for Biodefense Vaccine | | 1,000 |
| | Protection from Oxidative Stress | | 1,600 |
| | Superstructural Particle Evaluation and Characterization with Targeted Reaction Analysis (SPECTRA) | | 1,200 |
| | Vaccine Development Program | | 800 |
| 9 | **HISTORICALLY BLACK COLLEGES & UNIVERSITIES AND MINORITY SERVING INSTITUTIONS- SCIENCE** | **15,156** | **41,556** |
| | Morehouse College, John Hopps Program | | 1,600 |
| | Defense Leadership and Technology Initiative | | 2,400 |
| | Program Increase | | 20,000 |
| | Instrumentation Program for Tribal Colleges | | 2,400 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 11 | **INFORMATION AND COMMUNICATIONS TECHNOLOGY** | **254,009** | **252,109** |
| | Software Assurance Education and Research Institute | | 800 |
| | National Repository of Digital Forensic Intelligence (NRDFI) and the Center for Telecommunications and Network Security (CTANS) | | 1,200 |
| | Intelligent Remote Sensing for Urban Warfare Operations | | 2,400 |
| | Reduction to fiscal year 2009 new starts | | -7,900 |
| | Document Analysis and Exploitation | | 1,600 |
| 13 | **BIOLOGICAL WARFARE DEFENSE** | **66,291** | **56,291** |
| | Program Execution Delays | | -10,000 |
| 14 | **CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM** | **203,731** | **234,131** |
| | Biosurety Development and Management Program | | 1,200 |
| | Botulinum Neurotoxin Research | | 1,600 |
| | Chemical Warfare Agent Fate Appropriate Response Tool | | 1,600 |
| | Countermeasures to Chemical/Biological Control-Rapid Response | | 2,400 |
| | HyperAcute Vaccine Development | | 2,400 |
| | Miniaturized Chemical Detector for Chemical Warfare Protection (ChemPen) | | 1,600 |
| | Mixed Oxidants for Chem Bio Decontamination | | 2,800 |
| | Multiple Applications for Light Activated, Reactive Materiels for the Protection of the Warfighter, First Responder, and Public Health | | 1,600 |
| | Rapid Forensic Evaluation of Microbes in Biodefense | | 1,000 |
| | Chemical/Biological Preparedness Center for Advanced Development of Mobile Rapid Response Prototypes | | 4,000 |
| | Preventing long-term brain and lung damage caused by battlefield trauma project | | 2,900 |
| | TMTI - Reduction to new starts | | -7,000 |
| | Antibody-Based Therapeutic Against Smallpox | | 800 |
| | Chemical/Biological Infrared Detection System | | 1,200 |
| | Contaminated Human Remains Pouch | | 1,600 |
| | Multivalent Marburg, Ebola Filovirus Vaccine Program | | 3,500 |
| | Novel System for Developing Therapeutics Against Botulism | | 4,000 |
| | Research on a Molecular Approach to Hazardous Materials Decontamination | | 1,200 |
| | Ultra-rapid Next Generation Pathogen identification | | 2,000 |
| 16 | **TACTICAL TECHNOLOGY** | **371,481** | **353,881** |
| | Program Execution Delays | | -30,000 |
| | Explosively Formed Projectile Iron Curtain | | 800 |
| | SeaCatcher UAS Launch and Recovery System | | 1,600 |
| | CEROS | | 10,000 |
| 17 | **MATERIALS AND BIOLOGICAL TECHNOLOGY** | **285,264** | **283,664** |
| | Program Execution Delays | | -10,000 |
| | Strategic Materials and Silicon Carbide Optics | | 4,400 |
| | Synthethic Fuel Innovation | | 4,000 |
| 18 | **WMD DEFEAT TECHNOLOGY** | **0** | **1,200** |
| | Center for Nonproliferation Studies, Monterey Institute for International Affairs | | 1,200 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 19 | **ELECTRONICS TECHNOLOGY** | **211,457** | **199,937** |
| | 3-D Technology for Advanced Sensor Systems | | 1,440 |
| | Indium Based Nitride Technology Development | | 3,000 |
| | Reduction to fiscal year 2009 new starts | | -16,200 |
| | Secure Media and ID Card Development | | 240 |
| 21 | **WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES** | **211,078** | **213,078** |
| | Comprehensive National Incident Management System | | 2,000 |
| 23 | **SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT** | **23,104** | **38,504** |
| | Miniature, Remote Wideband Survey, Collection, and Recording System | | 800 |
| | Advanced Craft Technology Demonstrators to Quantify and Mitigate Operator Injury | | 2,000 |
| | Flashlight Soldier-to-Soldier Combat Identification System (FSCIS) | | 5,600 |
| | Technology Infusion Cell (TIC) | | 1,000 |
| | Extended-Lifetime Radioisotope Batteries | | 1,600 |
| | Unified Management Infrastructure System | | 1,200 |
| | Foliage Penetrating Reconnaissance and Surveillance System | | 3,200 |
| 25 | **INSENSITIVE MUNITIONS - ADVANCED DEVELOPMENT** | **15,970** | **9,970** |
| | Excessive growth | | -6,000 |
| 26 | **SO/LIC ADVANCED DEVELOPMENT** | **32,832** | **33,632** |
| | Long-range Tagging and Locating System | | 800 |
| 27 | **COMBATING TERRORISM TECHNOLOGY SUPPORT** | **79,970** | **123,690** |
| | Biometric Terrorist Watch-List Database Management Development | | 1,600 |
| | Covert Sensing and Tagging System (CSTS) | | 1,200 |
| | Combating Terrorism Technology Support Office/STAR-TEC Partnership Program | | 2,400 |
| | Improved LAS Glass-Ceramic Laminated Armored Window Systems | | 1,600 |
| | EDIT Technology for Counter-Tunnel Operations and Cache Detection | | 800 |
| | Facial Recognition Technology Initiative | | 2,000 |
| | Facility Security Using Tactical Surveys | | 3,000 |
| | Low-Cost Stabilized Turret | | 1,600 |
| | Machine Augmented Composite Armor | | 800 |
| | Military/Law Enforcement Counterterrorism Test Bed | | 2,400 |
| | Port and Hull Security 3D, Real Time Sonar System - Echoscope | | 1,600 |
| | Roll-On, Roll-Off Reconnaissance, Surveillance, and Special Mission Palletized System | | 4,000 |
| | Tactical Biometrics Operating and Surveillance System (TBOSS) | | 1,600 |
| | Ultra Portable Unmanned Surveillance Helicopter | | 1,000 |
| | Validation of an Enhanced Urban Air Blast Tool | | 2,400 |
| | SOF Unattended Sensor Network (Note: only for SBIR SOCOM 03-004) | | 1,280 |
| | Radio Inter-Operability System (RIOS) | | 800 |
| | BOPPER (Bioterrorism Operations Policy for Public Emergency Response) | | 1,200 |
| | Document and Media Search and Discovery (DMSD) | | 1,440 |
| | Ex-RAD Radiation Protection Program | | 5,000 |
| | Full Scale Impact and Blast Loading Laboratory Testing Program | | 1,600 |
| | Remote Sensor Network Services Platform | | 2,000 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | Robotic Mobility Platform System | | 1,200 |
| | Unmanned Aerial Vehicle Avionics Upgrade (UAVAU) | | 1,200 |
| 28 | **COUNTERPROLIFERATION INITIATIVES--PROLIFERATION PREVENTION & DEFEAT** | **211,325** | **219,645** |
| | AELED IED Electronic Signature Detection | | 3,200 |
| | Continuation of Advanced Materials (Mercuric Iodide) Research for Nuclear Detection, Counter-Proliferation and Imaging for CBRNE Special Operations | | 800 |
| | National Nuclear Security Agency (NNSA) Metals Declassification for Reuse by DoD in Armaments | | 2,720 |
| | Next Generation Intelligent Portable Radionuclide Detection and Identification Systems | | 1,600 |
| 29 | **BALLISTIC MISSILE DEFENSE TECHNOLOGY** | **118,718** | **119,718** |
| | General Reduction | | -5,000 |
| | Night Vision Sensor | | 1,000 |
| | Multiple Target Tracking Optical Sensor Array Technology | | 5,000 |
| 31 | **ADVANCED AEROSPACE SYSTEMS** | **107,857** | **87,857** |
| | Unexecutable growth | | -20,000 |
| 32 | **SPACE PROGRAMS AND TECHNOLOGY** | **287,009** | **227,009** |
| | Blackswift | | -60,000 |
| 33 | **CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEVELOPMENT** | **337,927** | **316,827** |
| | Transformational Medical Tech Initiative- excessive Growth in New Starts | | -63,000 |
| | Antioxiant Micronutrient Therapeutic Countermeasures for Chemical Agents | | 800 |
| | Bio Agent Early Warning Detector | | 2,000 |
| | Carbon Nanotube Chemical Detector | | 800 |
| | Continuation of Industry Based Research into Biological Agent Identifiers without Wet Reagents | | 1,600 |
| | Eye-Safe Long Range Stand-off System for Detection of Chemical and Biological Weapons | | 1,500 |
| | Mobile Continuous Air Monitor (MCAM) | | 1,600 |
| | Nano Porous Hollow Fiber Regenerative Chemical Filter | | 1,000 |
| | Photo Catalytic Oxidation (PCO) Demonstration for Water Reuse | | 2,400 |
| | Protective Self-Decontaminating Surfaces | | 1,600 |
| | Surface Enhanced Infrared Detection of Threats | | 1,200 |
| | Total Perimeter Surveillance | | 1,000 |
| | Portable Rapid Bacterial Warfare Detection Unit | | 4,000 |
| | Rapid Response Institute | | 3,200 |
| | Liquid Crystal Sensor Technology Research and Development for Force Protection | | 2,400 |
| | Acinetobacter Baumannii Research | | 2,000 |
| | Advanced Development of Mobile Rapid Response Prototypes | | 1,600 |
| | Biodefense Vaccine Development and Engineering of Antiviral Peptides | | 1,600 |
| | Center for Advanced Emergency Response | | 4,400 |
| | Improved Chemical, Biological, and Radiological Filters | | 1,600 |
| | Multi-Purpose Biodefense Immunoarray | | 800 |
| | NIDS Improved Handheld Biological Agent Detector | | 1,600 |
| | Plant Vaccine Development | | 1,600 |
| | ViriChip Rapid Virus Detection Systems | | 1,600 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 34 | **JOINT ELECTRONIC ADVANCED TECHNOLOGY** | **9,320** | **10,520** |
| | Advanced Tactical Laser Flashlight Devices | | 1,200 |
| 35 | **JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS** | **206,337** | **208,237** |
| | Distributed Network Switching | | 2,000 |
| | Reduction to execution year new starts | | -7,000 |
| | Maritime UAS Demonstration for the SOUTHCOM Region | | 3,000 |
| | Simultaneous Field Radiation Technology (SFRT) | | 2,300 |
| | Spartan Advanced Composite Technology | | 1,600 |
| 36 | **NETWORKED COMMUNICATIONS CAPABILITIES** | **39,923** | **29,923** |
| | Unsustained growth | | -10,000 |
| 39 | **DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM** | **11,981** | **18,381** |
| | High Performance Manufacturing Technology Initiative | | 6,400 |
| 40 | **JOINT ROBOTICS PROGRAM/AUTONOMOUS SYSTEMS** | **8,449** | **9,249** |
| | Joint Ground Robotics Enterprise Modeling, Simulation, Analysis Project | | 800 |
| 41 | **GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS** | **19,375** | **76,135** |
| | Advanced Mobile Microgrid | | 2,720 |
| | Aging Systems Sustainment and Enabling Technologies | | 2,000 |
| | Connectory Expansion for Rapid Identification of Technology Sources for DoD | | 400 |
| | Florida Defense Manufacturing Supply Chain Initiative | | 2,000 |
| | High-Pressure Mobile Water Delivery System | | 800 |
| | On-Site Alternative Fuel Manufacturing System | | 1,200 |
| | Reliability Testing of Lead-Free Circuits/Components | | 1,440 |
| | New England Defense Manufacturing Supply Chain Initiative | | 800 |
| | Smart, Modular Regenerative Off-Grid Hydrogen Fuel Cell | | 1,000 |
| | Energy Strategy for the Department of Defense | | 20,000 |
| | Alternative Energy from Organic Sources | | 6,000 |
| | Biofuels Program | | 1,600 |
| | Commodity Management System Consolidation Program | | 1,600 |
| | Continuous Acquisition and Life-Cycle (CALS) and Integrated Data Environment and Defense Logistics Enterprise Services Program | | 3,200 |
| | Defense Fuelcell Locomotive | | 2,000 |
| | Emerging Critical Interconnection Tech | | 2,000 |
| | Vehicle Fuel Cell and Hydrogen Logistics Program | | 8,000 |
| 44 | **MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT** | **0** | **32,480** |
| | 3-D Electronics and Power | | 2,400 |
| | Agile JTRS Integrated Circuits | | 1,600 |
| | Carbon Nanotube Thin Film Devices for Portable Power | | 1,600 |
| | Defense Command Integration Center | | 880 |
| | Electronics and Materials for Flexible Sensors and Transponders (EMFST) | | 3,200 |
| | Feature Size Migration at DMEA AMRS Boundary | | 2,000 |
| | Scalable Topside Array Radar Demonstrator | | 800 |
| | Spintronics Memory Storage Technology | | 2,400 |
| | Superlattice Nanotechnology | | 2,000 |
| | X-Band/W-Band Solid State Power Amplifier | | 1,600 |
| | Semiconductor Photomask Technology Infrastructure Initiative | | 2,400 |
| | C-Scout Container Security System | | 2,400 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| | High Performance Tunable Materials | | 2,400 |
| | Smart Bomb Millimeter Wave Radar Guidance System | | 2,000 |
| | Tunable MicroRadio for Military Systems | | 4,800 |
| 45 | **JOINT WARFIGHTING PROGRAM** | **11,098** | **12,098** |
| | UAV Situational Awareness System | | 1,000 |
| 46 | **ADVANCED ELECTRONICS TECHNOLOGIES** | **201,146** | **200,046** |
| | Hybrid Power Generation System | | 1,200 |
| | Reduction to fiscal year 2009 new starts | | -14,900 |
| | Center for Autonomous Solar Power (CASP) large-area, flexible PV energy research | | 4,000 |
| | Institute of Advanced Flexible Manufacturing Systems | | 7,000 |
| | Ultra Low Power Electronics for Special Purpose Computers | | 1,600 |
| 48 | **ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS** | **0** | **1,200** |
| | Advanced Emergency Response Integrated Environment (AERIE) | | 1,200 |
| 49 | **HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM** | **208,079** | **221,559** |
| | Naval Research Lab Supercomputing Information Prototype | | 2,800 |
| | Arctic Regional Supercomputer | | 3,200 |
| | High Performance Computational Design of Novel Materials | | 2,480 |
| | MHPCC | | 5,000 |
| 50 | **COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS** | **338,964** | **328,964** |
| | Growth reduction for program execution | | -10,000 |
| 53 | **NETWORK-CENTRIC WARFARE TECHNOLOGY** | **156,733** | **154,433** |
| | Reduction to fiscal year 2009 new starts | | -2,300 |
| 54 | **SENSOR TECHNOLOGY** | **226,470** | **218,070** |
| | Reduction to fiscal year 2009 new starts | | -8,400 |
| 55 | **GUIDANCE TECHNOLOGY** | **110,572** | **108,272** |
| | Reduction to fiscal year 2009 new starts | | -2,300 |
| 59 | **QUICK REACTION SPECIAL PROJECTS** | **113,924** | **107,385** |
| | Reduction to execution year new starts | | -9,339 |
| | Augmented Reality to enhance Special Warfare Domain Awareness | | 1,600 |
| | Unmanned Aerial Vehicles | | 1,200 |
| 60 | **JOINT EXPERIMENTATION** | **114,947** | **109,377** |
| | Reduction for excessive growth | | -6,770 |
| | Collaboration Gateway | | 1,200 |
| 61 | **JOINT WARGAMING SIMULATION MANAGEMENT OFFICE** | **38,147** | **33,787** |
| | Modeling and Simulation Standards Development | | 640 |
| | Program adjustment | | -5,000 |
| 63 | **TECHNOLOGY LINK** | **2,170** | **5,770** |
| | First Link | | 2,000 |
| | MilTech Expansion Program | | 1,600 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 64 | **SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT** | **28,930** | **61,250** |
| | Hostile Fire Indicating System | | 800 |
| | Field Experimentation Program for Special Operations | | 1,600 |
| | Partnership for Defense Innovation Wi-Fi Laboratory Testing and Assessment Center | | 2,000 |
| | Improved Information Transfer for Special Forces | | 2,400 |
| | Advanced Distributed Aperture System | | 21,120 |
| | Micro-power Special Operations Generator | | 1,600 |
| | Autonomous Rendezvous/Formation Flight | | 2,000 |
| | Small Assault Vehicle Expeditionary (SAVE) | | 800 |
| 66 | **NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT** | **38,758** | **50,158** |
| | Terahertz High-Resolution Portable Explosives Detector | | 800 |
| | Camp Guernsey Joint Training and Experimentation Center | | 6,000 |
| | Intelligent Decision Exploration | | 3,600 |
| | Pacific Data Conversion and Technology Program | | 1,000 |
| 70 | **ADVANCED SENSOR APPLICATIONS PROGRAM** | **0** | **16,000** |
| | Program adjustment | | 16,000 |
| 71 | **ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM** | **31,600** | **38,904** |
| | Environmentally Friendly Nanometal Electroplating Processes for Cadmium and Chromium Replacement | | 5,304 |
| | Inland Empire Perchlorate Wellhead Treatment | | 2,000 |
| 72 | **BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT** | **1,019,073** | **959,973** |
| | Transfer to Procurement, Defense-Wide Line 95 | | -65,000 |
| | Arrow-Upper Tier | | 30,000 |
| | Arrow-Short Range BMD | | 28,000 |
| | Target funding transfer to Line 78 | | -52,100 |
| 73 | **BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE** | **2,076,662** | **1,512,662** |
| | Long lead for 2-Stage Interceptors (EIS) (Note: Transfer to Line 73A) | | -19,200 |
| | Target funding (Note: Transfer to Line 78) | | -104,000 |
| | GMD upgrades and enhancements | | 40,000 |
| | 2-Stage Interceptor Development (Note: Transfer to Line 73A) | | -182,900 |
| | Missile Field Equipment and Supporting Activities (EIS) (Note: Transfer to Line 73A) | | -165,100 |
| | Site Planning/ Design/ Activation (EIS) (Note: Transfer to Line 73A) | | -65,500 |
| | Communications (EIS) (Note: Transfer to Line 73A) | | -26,200 |
| | European Global Engagement Manager (Note: Transfer to Line 73C) | | -26,700 |
| | U.S. Communications for European Sites (Note: Transfer to Line 73C) | | -14,400 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **73A STAGE TWO INTERCEPTOR SEGMENT** | **0** | **363,250** |
| 2-Stage Interceptor Development (Note: Transfer from Line 73) | | 182,900 |
| Long lead for 2-Stage Interceptors (EIS) (Note: Transfer from Line 73) | | 19,200 |
| Missile Field Equipment and Supporting Activities (EIS) (Note: Transfer from Line 73) | | 82,550 |
| Site Planning/ Design/ Activation (EIS) (Note: Transfer from Line 73) | | 65,500 |
| Communications (EIS) (Note: Transfer from Line 73) | | 13,100 |
| **73B EUROPEAN MIDCOURSE RADAR** | **0** | **76,800** |
| Sensor Equipment (Note: Transfer from Line 76) | | 44,900 |
| Site Planning/ Design/ Activation (Note: Transfer from Line 76) | | 15,800 |
| Communications (Note: Transfer from Line 76) | | 16,100 |
| **73C EUROPEAN GLOBAL ENGAGEMENT MANAGER/U.S. COMMUNICATIONS** | **0** | **27,100** |
| Global Engagement Manager (Note: Transfer from Line 73) | | 16,700 |
| U.S. Communications (Note: Transfer from Line 73) | | 10,400 |
| **74 BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT** | **421,229** | **402,129** |
| 2nd Airborne Laser Trade Studies | | -15,800 |
| Target funding transfer to Line 78 | | -3,300 |
| **75 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM** | **51,291** | **62,891** |
| Biological Threat Antibody Research | | 1,600 |
| Environmentally Friendly Aircraft Decontamination Systems | | 1,600 |
| IM Formulation Development of Anthrax Therapeutic | | 800 |
| Networked Standoff Biological LIDAR | | 1,200 |
| Reactive Overlay and Removable CBRN Coatings | | 1,600 |
| Recombinant BChE Formulation Program | | 1,600 |
| Vacuum Sampling Pathogen Collection and Concentration | | 3,200 |
| **76 BALLISTIC MISSILE DEFENSE SENSORS** | **1,076,983** | **770,232** |
| European Site-Southern Radar Site (AN/TPY-2 #6 Radar Manufacturing and Program Support) | | -39,119 |
| Airborne Infrared Surveillance (AIRS) System | | 800 |
| (Note: Transfer to Line 91) | | -147,400 |
| External Sensors Lab - program growth | | -10,000 |
| Sensor Equipment (EMR) (Note: Transfer to Line 73B) | | -59,900 |
| Site Planning/ Design/ Activation (EMR) (Note: Transfer to Line 73B) | | -15,800 |
| Communications (EMR) (Note: Transfer to Line 73B) | | -22,100 |
| Communications (European Forward Based Radar - AN/TPY-2) - premature request | | -17,232 |
| Mobile Sensor Enhancement to BMD Sensors Network | | 4,000 |
| **78 BALLISTIC MISSILE DEFENSE TEST & TARGETS** | **665,445** | **914,845** |
| Backup Target | | 8,000 |
| Inventory LV-2 with MBRV-2 | | 16,000 |
| Kodiak Unique GSE and C4 Pathfinder | | 8,000 |
| (Note: Transfer from Line 72) | | 52,100 |
| (Note: Transfer from Line 73) | | 104,000 |
| (Note: Transfer from Line 74) | | 3,300 |
| (Note: Transfer from Line 81) | | 39,200 |
| (Note: Transfer from Line 82) | | 2,800 |
| Test and Training Range Upgrades | | 16,000 |

| R-1 | | Budget Request | Recommendation |
|---|---|---|---|
| 79 | **BALLISTIC MISSILE DEFENSE SYSTEMS CORE** | **432,262** | **404,162** |
| | General Reduction | | -40,000 |
| | Advanced Battery Technology | | 2,300 |
| | Next Generation Sensor Producability-flight 2 | | 9,600 |
| 80 | **SPECIAL PROGRAMS - MISSILE DEFENSE AGENCY** | **288,315** | **176,315** |
| | Program Decrease | | -112,000 |
| 81 | **AEGIS BALLISTIC MISSILE DEFENSE** | **1,157,783** | **1,117,483** |
| | Ballistic Signal Processor/Open Architecture | | 16,000 |
| | SM-3 Block 1A (Note: Transfer to Procurement, D-W, Line 95) | | -57,100 |
| | Target funding (Note: Transfer to Line 78) | | -39,200 |
| | Aegis BMD enhancements | | 40,000 |
| 82 | **SPACE SURVEILLANCE & TRACKING SYSTEM** | **242,441** | **209,641** |
| | STSS follow-on program | | -30,000 |
| | Target funding transfer to Line 78 | | -2,800 |
| 83 | **MULTIPLE KILL VEHICLES** | **354,455** | **284,455** |
| | Reduction - MKV-R | | -55,000 |
| | Program growth | | -15,000 |
| 84 | **BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS** | **29,771** | **24,771** |
| | Space Testbed | | -10,000 |
| | Space-based Interceptor Study | | 5,000 |
| 88 | **BALLISTIC MISSILE DEFENSE JOINT NATIONAL INTEGRATION** | **96,404** | **106,404** |
| | MDIOC Modeling and Simulation | | 10,000 |
| 91 | **SEA BASED X-BAND RADAR (SBX)** | **0** | **147,400** |
| | SBX (Note: Transfer from Line 76) | | 147,400 |
| 93 | **COALITION WARFARE** | **14,030** | **13,319** |
| | Reduction to execution year new starts | | -711 |
| 94 | **DEPARTMENT OF DEFENSE CORROSION PROGRAM** | **5,102** | **22,402** |
| | Corrosion Engineering Education Initiative | | 800 |
| | Environmentally Intelligent Moisture and Corrosion Control | | 2,000 |
| | Department of Defense Corrosion Program | | 12,000 |
| | Managing and Extending DoD Asset Lifecycles | | 2,500 |
| 95 | **JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS** | **14,962** | **13,562** |
| | Advanced Active Denial Planar Scanning Antenna System | | 1,600 |
| | Program adjustment for lack of transitions | | -3,000 |
| 100 | **JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM** | **3,524** | **5,524** |
| | Secure, Miniaturized, Free Space, Optical Communications | | 2,000 |
| 101 | **DEFENSE ACQUISITION CHALLENGE PROGRAM (DACP)** | **30,363** | **28,566** |
| | Reduction to execution year new starts | | -1,797 |
| 103 | **PROMPT GLOBAL STRIKE** | **117,572** | **74,572** |
| | Alternative Re-Entry System | | -43,000 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **104 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM** | **299,373** | **304,173** |
| Catalytic Oxidation Integrated Demonstration | | 2,400 |
| Large Scale Single-use Bio Reactor for Rapid Response to Bioterrorism | | 800 |
| Joint Services Aircrew Mask Don/Doff In-flight Upgrade | | 1,600 |
| **109 INFORMATION TECHNOLOGY DEVELOPMENT** | **11,611** | **12,411** |
| In Transit Visibility System | | 800 |
| **117 JOINT COMMAND AND CONTROL PROGRAM (JC2)** | **147,339** | **57,339** |
| Net-Enabled Command Capability (NECC) | | -90,000 |
| **118 TRAINING TRANSFORMATION (T2)** | **38,729** | **58,329** |
| Integrated Analysis Environment | | 1,200 |
| Agile Software Capability Interventions | | 1,600 |
| Indiana Complex Operations Partnership | | 2,000 |
| New Mexico State University Institute for Defense and Public Policy | | 10,000 |
| Playas Training and Research Center Joint Training Experiment | | 4,800 |
| **121 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT** | **133,852** | **152,852** |
| Gulf Range Mobile Instrumentation Capability | | 800 |
| Joint Gulf Range Complex Upgrade | | 1,200 |
| Range Element Network Enterprise Technology (RE-NET) | | 4,000 |
| UAV Systems Operations Validation Program (USOVP) | | 5,000 |
| Advanced SAM Hardware Simulator Development | | 5,000 |
| Pacific Region Interoperability Test and Evaluation Capability | | 3,000 |
| **124 TECHNICAL STUDIES, SUPPORT AND ANALYSIS** | **34,520** | **36,520** |
| Center for Technology and National Security Policy at the National Defense University | | 1,200 |
| Defense Support to Large Scale Disaster Preparedness | | 800 |
| **128 CLASSIFIED PROGRAM USD(P)** | **0** | **102,000** |
| Classified Program | | 102,000 |
| **139 SMALL BUSINESS INNOVATION RESEARCH/CHALLENGE ADMINISTRATION** | **2,165** | **5,765** |
| Directed Energy Systems for UAV Payloads | | 800 |
| Ferroelectric Component Technology | | 1,200 |
| Random Obfuscating Compiler Anti-Tamper Software | | 1,600 |
| **142 FORCE TRANSFORMATION DIRECTORATE** | **20,701** | **23,201** |
| Buoyancy Assisted Lift Air Vehicle | | 2,500 |
| **144 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION** | **25,435** | **18,435** |
| HR Automation Enhancements - unjustified program | | -7,000 |
| **145 DEVELOPMENT TEST AND EVALUATION** | **20,396** | **23,596** |
| Renewable Fuel Systems for Defense Applications | | 3,200 |
| **147 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT)** | **52,700** | **48,700** |
| Unexecutable growth | | -4,000 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **151 SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES** | **30,039** | **35,159** |
| Enhanced Simulation for IO Capabilities | | 5,120 |
| **155 INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS (IO)** | **0** | **1,200** |
| Advanced Information Discovery and Analysis Capability for NSA | | 1,200 |
| **158 MANAGEMENT HEADQUARTERS - MISSILE DEFENSE AGENCY** | **86,453** | **81,453** |
| Management Support | | -5,000 |
| **160 DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)** | **11,533** | **5,533** |
| Execution delays | | -6,000 |
| **162 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS)** | **10,274** | **12,674** |
| Next Generation Respiratory Protection | | 2,400 |
| **167 CRYPTOLOGIC ACTIVITIES** | **0** | **3,200** |
| National Biometrics Security Project | | 3,200 |
| **184 INFORMATION SYSTEMS SECURITY PROGRAM** | **394,074** | **403,574** |
| High Assurance Cross Domain Solutions for High Performance Computing Center Net-Centric Operations | | 2,000 |
| Intelligence Analyst Education and Training | | 3,900 |
| Security for Critical Communication Networks | | 3,600 |
| **193 SPECIAL APPLICATIONS FOR CONTINGENCIES** | **16,225** | **26,325** |
| UML UAV/UAS Test Facility | | 2,400 |
| Advanced Technology Sensors and Payloads | | 1,600 |
| Expeditionary Persistent Power (USSOCOM) | | 1,600 |
| Comprehensive Maritime Domain Awareness | | 4,500 |
| **195 DEFENSE - GEOSPATIAL - INTELLIGENCE PROGRAM** | **0** | **1,600** |
| Commercial Denied Area Radargrammetry Mapping | | 800 |
| Improved Commercial Integration (ICI) | | 800 |
| **199 CRITICAL INFRASTRUCTURE PROTECTION (CIP)** | **12,700** | **17,900** |
| Electric Grid Reliability/Assurance | | 1,200 |
| Disaster Response: Communications and Other Infrastructure Restoration | | 4,000 |
| **210 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS** | **3,165** | **765** |
| Excess to need | | -2,400 |
| **218 COMBATANT COMMAND INTELLIGENCE OPERATIONS** | **0** | **12,880** |
| Advanced Missile Simulation Technology for Intelligence Analysts | | 1,280 |
| All-Source Content Management (ASCMAN) for Actionable Intelligence | | 1,600 |
| Armed Forces Health and Food Supply Research | | 5,000 |
| National Consortium for MASINT Research | | 3,000 |
| Pat Roberts Intel Scholars Program (PRISP) | | 2,000 |
| **225 INDUSTRIAL PREPAREDNESS** | **20,480** | **55,280** |
| Copper-Based Casting Technology Applications | | 2,800 |
| Improved Collapsible Urethane-Fuel Storage Tanks (ICU-FST) | | 1,600 |
| Ultrahigh-Strength Steel for Landing Gear | | 2,000 |
| Wiring Integrity Technology | | 1,600 |
| Northwest Defense Manufacturing Initiative | | 1,600 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| Vet-Biz Initiative for National Sustainment (VINS) | | 2,000 |
| Cellulosic-Derived Biofuels Research Project | | 4,000 |
| Industrial Base Innovation Fund | | 19,200 |
| **231 SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEVELOPMENT** | **43,977** | **44,777** |
| Helicopter Cable Warning and Obstacle Avoidance | | 800 |
| **232 SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT** | **13,263** | **26,263** |
| Covert Communications for SOF Operations | | 1,600 |
| Integrated Bridge System | | 1,200 |
| Common UGV Command and Control for PSYOP Programs | | 800 |
| SEAL Delivery Vehicle (SDV) Integrated Combat System (ICS) | | 3,200 |
| Advanced, Long Endurance Unattended Ground Sensor Technologies | | 3,600 |
| Integration of Force XXI Battle Command, Brigade & Below (FBCB2) with Tactical Handheld Digital Devices (THDD) | | 1,200 |
| Weapons Shot Counter | | 1,400 |
| **233 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT** | **39,125** | **39,974** |
| Global Sensors Network, execution | | -9,051 |
| Generation II Special Operation Forces Internally Transported Vehicle (SOF-ITV) | | 1,600 |
| Advanced Tactical Threat Warning Radio (ATTWR) | | 1,200 |
| Biometric Signatures Research | | 2,000 |
| Multi-Spectral Laboratory (UML) and Analytical Services Center (ASCENT) Program | | 1,600 |
| Picoceptor and Processor for Man-portable Threat Warning | | 3,500 |
| **234 SOF OPERATIONAL ENHANCEMENTS** | **48,137** | **55,337** |
| Freeze-dried Plasma | | 800 |
| USSOCOM Medical Research | | 4,000 |
| Signal Intelligence and Electronic Warfare Developments for Integration of SOF Systems | | 1,600 |
| Communications-Capable Reconnaissance Imager | | 800 |
| **235 SPECIAL OPERATIONS CV-22 DEVELOPMENT** | **38,229** | **40,229** |
| CV-22 Helmet Mounted Display | | 2,000 |
| **237 OPS ADVANCED SEAL DELIVERY SYSTEM (ASDS) DEVELOPMENT** | **7,090** | **8,690** |
| Lithium Ion Battery Safety Detection and Control of Impending Catastrophic Failures | | 1,600 |
| **238 MISSION TRAINING AND PREPARATION SYSTEMS (MTPS)** | **4,052** | **5,652** |
| SOF Mission Training and Preparation Systems Interoperability | | 1,600 |
| **239 UNMANNED VEHICLES (UV)** | **1,527** | **43,927** |
| Photovoltaic Power Supply for Autonomous Sensors | | 2,400 |
| Global Observer Development | | 40,000 |
| **241 SOF WEAPONS SYSTEMS** | **2,759** | **2,559** |
| SOF Combat Assualt Rifle Acceleration | | -200 |

| R-1 | Budget Request | Recommendation |
|---|---|---|
| **243 SOF VISUAL AUGMENTATION, LASERS & SENSOR SYSTEMS** | **3,495** | **6,986** |
| SOCOM requested transfer from P-82 for Precision Laser Targeting Device | | 5,000 |
| SOF Laser Rangefinder and Designator | | -1,509 |
| **244 SOF ROTARY WING AVIATION** | **3,822** | **1,647** |
| Infrared Exhaust Suppressor Termination | | -2,175 |
| **245 SOF UNDERWATER SYSTEMS** | **3,142** | **5,542** |
| Technology for Shallow Water Special Operations Forces Mobility | | 2,400 |
| **999 CLASSIFIED PROGRAMS** | **3,805,519** | **3,744,197** |
| Classified Programs | | -84,762 |
| Laboratory for High Performance Computational Systems | | 1,600 |
| Advanced Scientific Missile Intelligence Preparation of the Battlespace (IPB) | | 2,000 |
| Collection Management Tool Development | | 1,440 |
| Northwest Maritime Information and Littoral Operations Program | | 2,800 |
| Defense Manpower Data Center | | 800 |
| Integrated Signature Production and Exploitation | | 800 |
| Countering Missile-Related Technology Proliferation | | 2,000 |
| Center for Innovative Geospatial Technology | | 10,000 |
| High Assurance Cross Domain Technology Development | | 2,000 |

ENERGY STRATEGY FOR THE DEPARTMENT OF DEFENSE

Achieving improved energy efficiency, which includes reduced consumption, expanded sources of supply as well as a reduction in our dependence on foreign oil are possibly the greatest national security challenges facing our nation.

In 2006, according to the Defense Science Board, the Department of Defense consumed 110,000,000 barrels of premium fuel and 3,800,000,000 kilowatt hours of electricity at a cost of $13,600,000,000. Of this amount, $10,000,000,000 was spent on fuel for combat and combat-related systems, and another $3,600,000,000 to power the Department of Defense's infrastructure. The major challenges to fuel efficiency are operational, tactical and fixed based.

The most recent Defense Science Board Task Force is but the latest in a long line of reports addressing the necessity for a reduction in the fuel burden. The 2001 Defense Science Board Task Force report entitled, ''More Capable Warfighting through Reduced Fuel Burden,'' stated that 70 percent of the tonnage the Army ships into battle is associated with fuel logistics and that multiple technologies were available at all levels of maturity that could reduce demand. Furthermore, it advocated ''including fuel efficiency as a key performance parameter in all operational requirements documents and capstone requirements documents.'' It was not until 2007 that the Department issued a memorandum making it policy to include the fully burdened cost of delivered energy in trade off analyses conducted for all tactical systems and identified only three pilot programs.

While the Department is the leading consumer of fuel in the U.S., the Air Force is the leading consumer of fuel within the Department. The Air Force has been in the forefront on alternative fuels and is on the path to qualify all Air Force aircraft on a coal-based jet fuel by 2012. The challenge in using coal-based jet fuels is directly dependent upon carbon capture and sequestration to mitigate $CO_2$ emissions.

The Department is provided $20,000,000 to initiate research into carbon capture and sequestration technology for the future production of coal-based jet fuel. The Department is encouraged to budget for the continued research of this initiative in the fiscal year 2010 request. The Secretary of Defense is directed to provide the congressional defense committees with specific plans for utilizing these funds to include specific details and goals not later than 90 days after enactment of this Act.

Similarly, in the fixed base, there is a near total reliance on the commercial power grid. Efforts to raise the issue and support alternative and/or renewable energy sources for the Department of Defense have been sporadic at best.

The Department of Defense's scattered efforts to address the energy issue throughout its organization is coupled with minimal centralized policy and oversight. The Defense Science Board Task Force went on to say, ''decisions that create energy demand are dispersed organizationally across the Department and throughout the services. There is no unifying vision, strategy, or metrics or governance structure with enterprise-wide energy in its portfolio.''

The Department of Defense can no longer rely on such haphazard approaches to energy. Our future national security and military readiness demands swift action guided by a clear mandate.

The Secretary of Defense is encouraged to appoint a senior official to be responsible for energy efficiency. Further, the Department is directed to address comprehensively and submit a report, not later than June 15, 2009, regarding energy efficiency and how it will be given greater importance and weight in all aspects of the Department's resource allocation process.

TRANSFORMATIONAL MEDICAL TECHNOLOGIES INITIATIVE (TMTI)

The fiscal year 2009 budget request includes $240,900,000 for the Transformational Medical Technologies Initiative (TMTI) in program elements 0601384BP, 0602384BP and 0603384BP of the Chemical and Biological Defense Program, an increase of $105,000,000 over the amount appropriated in fiscal year 2008. Of the amount requested for fiscal year 2009, more than half, or $123,900,000, is requested for new start projects, an increase of $78,300,000 over the amount provided for new projects in fiscal year 2008. This growth for new starts is excessive at this juncture in the program and the request for new start projects in fiscal year 2009 is reduced by $70,000,000. The Special Assistant, Chemical and Biological Defense is directed to provide the annual TMTI report (as detailed in Senate Report 109—292) with the submission of the fiscal year 2010 budget request.

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)

The fiscal year 2009 budget request for DARPA is $3,285,569,000, an increase of $326,493,000, more than 10 percent, over the fiscal year 2008 appropriated program of $2,959,076,000. In recent years, DARPA has repeatedly underexecuted its funded program level, executing a fiscal year 2005 program that was nine percent below the appropriated program and a fiscal year 2006 program that was twelve percent below the appropriated program. Based on program execution to date, DARPA will likely continue that trend for the fiscal year 2007 and 2008 programs. While DARPA's continued underexecution can partially be explained by its fiscally responsible management approach of withholding funds from projects that fail to demonstrate progress, doubts exist about DARPA's ability to responsibly manage such a large increase. Therefore, the bill provides $3,142,229,000, a reduction of $143,340,000 from the request. The Director of DARPA is directed to provide to the congressional defense committees not later than 60 days after enactment of this Act a report that details by program element and project the application of undistributed reductions made in this Act.

The conference reports accompanying the fiscal year 2007 and 2008 Department of Defense Appropriations Acts cited the lack of individual project level detail provided in DARPA's budget justification materials. While the high-risk nature of many DARPA projects makes it hard to pinpoint detailed schedules, there is concern about the lack of detail provided for individual projects regarding their scope, notional schedule and overall funding requirements. Moreover, project funding is often adjusted from one year to the next without justification. DARPA is directed to provide greater programmatic detail for its projects in its justification materials beginning with the fiscal year 2010 budget request. Further, DARPA is encouraged to continue to pursue transition plans for all of its Advanced Technology Development programs. The Director of DARPA is directed to submit with the fiscal year 2010 budget submission the report on transitions that was initiated in fiscal year 2009.

NEW STARTS IN THE YEAR OF EXECUTION

The fiscal year 2009 budget request includes no less than $176,770,000 in the Research, Development, Test and Evaluation, Defense-Wide account for new start programs that will be selected and initiated in fiscal year 2009, an increase of $61,766,000 from the amount above the fiscal year 2007 level. While there is awareness of the need for certain programmatic flexibility to address urgent unfunded requirements, this level of funding is unjustified, particularly in light of the fact that several projects continue to be resourced from these funds over a sustained period of time without transitioning to funded programs of record. Additionally, congressional notification of programs initiated with these funds has been lagging and inconsistent. Therefore, the bill reduces the request for these programs by ten percent.

JOINT REPORT ON COAL-TO-LIQUID FUELS

The Secretary of Defense, in coordination with the Department of Energy's Office of Fossil Energy is directed to submit a report to the congressional defense committees no later than March 31, 2009, on alternatives to reduce the life cycle emissions of coal-to-liquid fuels and potential uses of coal-to-liquid fuels to meet the Department of Defense's mobility energy requirements. The report shall examine, at a minimum, the following: the potential clean energy alternatives for powering the coal-to-liquids conversion processes, including nuclear, solar, and wind energies; the alternatives for reducing carbon emissions during the coal-to-liquids conversion processes; and the military utility of coal-to-liquid fuels for military operations and for use by expeditionary forces compared with the military utility and life cycle emissions of mobile, in-theater synthetic fuel processes.

INFRARED FOCAL PLANE ARRAYS

Infrared Focal Plane Arrays (IFPA) are the key to infrared sensor systems widely used by the military. New and improved military capabilities will require the development of new and more complex arrays. Recent reports reveal that the United States, which has traditionally held the lead in IFPA technology, is falling behind. This poses the very real threat that the United States government could lose control of this technology. The Department of Defense is directed to review developments in this critical area and report on the status of the United States' competitive position, and if warranted, provide a plan of action to remedy the situation. This report should be submitted no later than 90 days after enactment of this Act.

CLIMATE CHANGE AND NATIONAL SECURITY

Climate change is a key environmental issue that has national security implications. The Department of Defense should assess the impact of climate change on our coasts, water resources, and other geographic and environmental components of the United States national security. The Department of Defense should also establish a baseline set of indicators for assessing climate change and a set of tools for measuring its future impact on those aspects of climate change that could affect our national security.

MISSILE DEFENSE AGENCY (MDA) REPORTING REQUIREMENTS AND JUSTIFICATION MATERIALS

The budget information provided by the MDA does not allow sufficient oversight of the Ballistic Missile Defense programs. The programs change significantly from the time the budget is submitted to the time funding is appropriated, making it extremely difficult to understand what is actually in the budget on an annual basis. The justification materials should no longer be presented in the block structure format, but rather by fiscal year for each activity within the program element. The documents must provide

more detailed schedules, quantities, and break-outs of funding for each activity.

Past Congresses have established a framework of laws that require program and cost reporting to Congress to help exercise this oversight. The MDA is directed to report according to the existing acquisition laws to improve accountability and transparency of the programs.

NEAR-TERM MISSILE DEFENSE PROGRAMS

In order to execute a balanced program, the Missile Defense Agency (MDA) must continue to field the near-term missile defense programs, primarily Ground-Based Missile Defense (GMD), AEGIS Ballistic Missile Defense (BMD), and Theater High Area Altitude Defense (THAAD) programs. Funding for fielding these programs, however, is sacrificed each year to pay for the development of futuristic missile defense programs. Therefore, the bill reduces funding for several of the far-term programs, such as the Multiple Kill Vehicle, the Airborne Laser, and Space Test Bed and provides an additional $120,000,000 for enhancements to the GMD, AEGIS and THAAD programs. The MDA is directed to provide a report to the congressional defense committees by December 1, 2008, on how those additional funds will be allocated to the programs.

The Joint Capability Mix (JCM) study, conducted by the Joint Staff, concluded that U.S. combatant commanders need about twice as many Standard Missile–3 and THAAD interceptors as currently planned to meet minimum operational requirements for defending against short and medium-range ballistic missiles. The MDA's highest priority should be to achieve the minimum levels of interceptor inventories identified in the JCM study and the Department of Defense should budget accordingly in its fiscal year 2010 budget submission.

EUROPEAN CAPABILITY—THIRD SITE

Three separate program elements are recommended for the European Missile Defense sites in order to provide adequate visibility of these initiatives and to ensure that funding for the Ground-Based Missile Defense, Sensors, and Command and Control program elements are not adversely impacted by the European sites.

The bill provides $467,150,000 for European missile defense and development and testing of the two-stage interceptor. The first program element provides $363,250,000 for the development and testing of the two-stage interceptors and the interceptor site planned for Poland. The bill provides $182,900,000 for development and testing of the two-stage interceptors; $19,200,000 for long-lead components for two-stage interceptors; and $65,500,000 for site planning, design and activation. Due to the delay in ratification of a missile defense agreement with Poland, funding for missile field equipment is reduced by $82,550,000 and communications by $13,100,000, half of the request.

The second program element provides $76,800,000 for the European Midcourse Radar (EMR) to be located in the Czech Republic. The bill provides $15,800,000 for site planning, design and activation, but reduces funding for sensor equipment by $15,000,000 and communications by $6,000,000 due to at least a three month delay in ratification of an agreement with the Czech government in fiscal year 2009.

The third program element provides $27,100,000 for the European Global Engagement Manager and U.S. Communications for the European sites. Due to the delay in ratifying agreements with the European host sites, the request is reduced by $14,000,000. The bill provides no funding for the European Forward Based Radar (AN–TPY–2) since a location has not been determined for the site.

These estimates do not include costs for barracks, family housing or any other costs normally associated with infrastructure of a cantonment area of a military facility. Also, the estimate does not include personnel costs for manning the facilities.

SPACE TRACKING AND SURVEILLANCE SYSTEM (STSS)

It is premature for the Missile Defense Agency to move forward with a follow-on STSS constellation until after a successful launch and thorough analysis of the STSS demonstrator data. No funding is provided to begin work on an STSS follow-on constellation, an STSS gap filler, space sensor research and development, or any other space demonstration program.

FLIGHT TEST DELAYS AND CANCELLATIONS

As one of the largest research, development, test and evaluation programs in the Department of Defense, the Missile Defense Agency (MDA) has established a pattern of cost, schedule and performance problems. Tests were delayed or cancelled in fiscal years 2006, 2007 and 2008 and it is not unreasonable to assume that some of the tests planned for fiscal year 2009 will likely slip into subsequent fiscal years. The MDA annually conducts operational testing of the Ballistic Missile Defense System through a series of planned tests which are outlined in the Integrated Master Test Plan (IMTP). The numbers reflected in the IMTP only address successful flights of a missile. Rates of delay, cancellations or changes that occur annually in the testing programs and which affect the programming and budgeting of future years are not addressed.

In fiscal years 2006 through 2008, the MDA conducted approximately 85 percent of the planned tests in the same fiscal year as originally scheduled. The MDA's fiscal year 2009 test schedule reflects 13 flight tests with 77 percent of these tests scheduled for the third and fourth quarters of 2009. The fiscal year 2009 test schedule contains two major flight tests to support Ground-Based Midcourse Defense (FTG–05 and FTG–06). Combined, these tests cost approximately $300,000,000. Department of Defense officials have expressed concern that FTG–06 will not have a target vehicle to support the test within fiscal year 2009. Therefore, the Missile Defense Agency is directed to report to the congressional defense committees by January 15, 2009, on the state of the testing program and what funding shortfalls exist, if any.

TARGETS

The Missile Defense Agency (MDA) has renewed its focus and commitment to the target program and must continue this momentum in order to achieve optimal production and deliveries. In order to ensure that the program office has the proper oversight of all funding for the targets program, the bill transfers the entire request for targets from the individual program elements to the Test and Target program element.

The bill provides an additional $32,000,000 above the budget request for the flexible family of targets to initiate an inventory build up of critical long lead hardware items. However, there are additional funding shortfalls for targets that need to be addressed in fiscal year 2009. The MDA should submit an above threshold reprogramming to the congressional defense committees to ensure that this important component of missile defense testing is adequately funded. In addition, MDA should adequately address shortfalls in its out-year budget requests for targets to continue inventory buildup to ensure proper support of the rigorous testing program planned beginning in fiscal year 2010.

Terminal High Altitude Area Defense (THAAD)

The bill transfers $65,000,000 from Program Element 0603881C to Procurement, Defense-Wide, Line 95, as identified by the Missile Defense Agency (MDA) to recover schedule and mitigate production line gaps for Fire Unit #3 and #4. The MDA is directed to identify additional funds to ensure production line continuity.

STANDARD MISSILE–3 (SM–3) INTERCEPTORS

The bill transfers $57,100,000 from Program Element 0603892C to Procurement, Defense-Wide, Line 95, for advance procurement of SM–3 Block 1A interceptors.

AEGIS BALLISTIC MISSILE DEFENSE

Management of the kill vehicle for the Standard Missile–Block II is being done by the Kill Vehicle program office instead of the AEGIS program. The AEGIS program has had a long history of success working with the Navy to manage the entire development and fielding of the Standard Missile, and any change in management could result in a delay to the program. Therefore, the AEGIS program is directed to manage all current and future Standard Missile development and upgrades for ballistic missile defense, including the kill vehicles.

SPACE-BASED INTERCEPTOR STUDY

The bill provides $5,000,000 to support the study outlined in section 236 of S. 3001, the National Defense Authorization Act for Fiscal Year 2009.

OPERATIONAL TEST AND EVALUATION, DEFENSE

For Operational Test and Evaluation, Defense, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | OPERATIONAL TEST & EVAL, DEFENSE | | | |
| | RDT&E MANAGEMENT SUPPORT | | | |
| 1 | OPERATIONAL TEST AND EVALUATION | 53,196 | 53,196 | --- |
| 2 | LIVE FIRE TESTING | 11,572 | 11,572 | --- |
| 3 | OPERATIONAL TEST ACTIVITIES AND ANALYSES | 124,004 | 124,004 | --- |
| | TOTAL, RDT&E MANAGEMENT SUPPORT | 188,772 | 188,772 | --- |
| | TOTAL, OPERATIONAL TEST & EVAL, DEFENSE | 188,772 | 188,772 | --- |

TITLE V—REVOLVING AND MANAGEMENT FUNDS

For Revolving and Management Funds, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| TITLE V | | | |
| REVOLVING AND MANAGEMENT FUNDS | | | |
| Defense Working Capital Funds | 1,489,234 | 1,489,234 | --- |
| National Defense Sealift Fund: Ready Reserve Force | 1,962,253 | 1,666,572 | -295,681 |
| Defense Coalition Support Fund | 22,000 | --- | -22,000 |
| Total, title V, Revolving and Management Funds | 3,473,487 | 3,155,806 | -317,681 |

DEFENSE WORKING CAPITAL FUNDS

For the Defense Working Capital Funds, $1,489,234,000 is provided for fiscal year 2009.

NATIONAL DEFENSE SEALIFT FUND

For the National Defense Sealift Fund, $1,666,572,000 is provided for fiscal year 2009.

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**(in thousands of dollars)**

| | Budget Request | Recommendation |
|---|---|---|
| **STRATEGIC SHIP ACQUISITION** | **1,346,953** | **998,672** |
| MPF(F) Advance Procurement Transfer to SCN | | -348,281 |
| **DoD MOBILIZATION ASSETS** | **269,461** | **269,461** |
| **SEALIFT RESEARCH AND DEVELOPMENT** | **68,663** | **63,263** |
| LHA (Replacement) Research and Development Transfer | | -5,400 |
| **READY RESERVE FORCE OPERATIONS AND MAINTENANCE** | **277,176** | **287,176** |
| RRF Training Ship Upgrades | | 10,000 |
| **MARITIME ADMINISTRATION SHIP FINANCING GUARANTEE PROGRAM** | **0** | **48,000** |
| **Total NDSF** | **1,962,253** | **1,666,572** |

SHIP FINANCING GUARANTEE PROGRAM

The bill provides $48,000,000 for the ship financing loan guarantee program administered by the Maritime Administration. The Secretary of the Navy is directed to work in conjunction with the Administrator of the Maritime Administration to ensure this funding is used for the loan guarantee program established under chapter 537 of title 46, United States Code.

TITLE VI—OTHER DEPARTMENT OF DEFENSE PROGRAMS

For Other Department of Defense Programs, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| TITLE VI | | | |
| OTHER DEPARTMENT OF DEFENSE PROGRAMS | | | |
| Defense Health Program: | | | |
| Operation and maintenance | 24,301,359 | 24,611,369 | +310,010 |
| Procurement | 303,905 | 311,905 | +8,000 |
| Research and development | 193,938 | 902,558 | +708,620 |
| Total, Defense Health Program | 24,799,202 | 25,825,832 | +1,026,630 |
| National Defense Stockpile Transaction Fund transfer to Defense Health program | -1,300,000 | -1,300,000 | --- |
| Chemical Agents and Munitions Destruction, Defense: | | | |
| Operation and maintenance | 1,152,668 | 1,152,668 | --- |
| Procurement | 64,085 | 64,085 | --- |
| Research, development, test and evaluation | 268,881 | 288,881 | +20,000 |
| Total, Chemical Agents | 1,485,634 | 1,505,634 | +20,000 |
| Drug Interdiction and Counter-Drug Activities, Defense | 1,060,463 | 1,096,743 | +36,280 |
| Joint Improvised Explosive Device Defeat Fund | 496,300 | --- | -496,300 |
| Rapid Acquisition Fund | 102,045 | --- | -102,045 |
| Office of the Inspector General | 247,845 | 271,845 | +24,000 |
| Total, title VI, Other Department of Defense Programs | 26,891,489 | 27,400,054 | +508,565 |

DEFENSE HEALTH PROGRAM

For the Defense Health Program, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| Defense Health Program: | | | |
| Operation and maintenance | 24,301,359 | 24,611,369 | +310,010 |
| Procurement | 303,905 | 311,905 | +8,000 |
| Research and development | 193,938 | 902,558 | +708,620 |
| Total, Defense Health Program | 24,799,202 | 25,825,832 | +1,026,630 |

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**
**[In thousands of dollars]**

| | Budget Request | Recommendation |
|---|---|---|
| **OPERATION AND MAINTENANCE** | **24,301,359** | **24,611,369** |
| **IN-HOUSE CARE** | **6,574,560** | **6,313,230** |
| Realignment for proper execution of pharmacy workload | | -78,000 |
| Realignment of Navy funds for proper execution | | -163,500 |
| Realignment of Air Force funds for proper execution | | -100,000 |
| WRAMC MEDCOM New Requirements | | 12,770 |
| Traumatic Brain Injury and Psychological Health | | 65,000 |
| Madigan Army Medical Center Trauma Assistance Center | | 1,600 |
| DoD/VA Blind Rehablitation and Training Pilot | | 800 |
| **PRIVATE SECTOR CARE** | **13,339,751** | **13,217,751** |
| Reduction | | -200,000 |
| Realignment for proper execution of pharmacy workload | | 78,000 |
| **CONSOLIDATED HEALTH CARE** | **1,250,152** | **1,357,952** |
| Traumatic Brain Injury and Psychological Health | | 60,000 |
| Realignment of Navy funds for proper execution | | 17,000 |
| Realignment of Air Force funds for proper execution | | 10,000 |
| AFIP/Joint Pathology Center (JPC) Records Digitization and Respository Modernization | | 20,000 |
| Epidemiologic Health Survey at the Iowa Army Ammunition Plant | | 800 |
| **INFORMATION MANAGEMENT/IT** | **1,117,089** | **1,190,289** |
| Traumatic Brain Injury and Psychological Health | | 36,000 |
| Integrated Patient Electronic Records System for Application to Defense Information Technology | | 1,200 |
| Pediatric Health Information System for Medical Charting and Research Related to Military Health Care | | 400 |
| Health Technology Integration for Clinical, Patient Records and Financial Management Related to the Military | | 400 |
| Realignment of Navy funds for proper execution | | 10,000 |
| Realignment of Air Force funds for proper execution | | 20,000 |
| Digital Accessible Personal Health Electronic Record | | 800 |
| Enhanced Medical Situational Awareness | | 2,400 |
| Theater Enterprise Wide Logistics System (TEWLS) | | 2,000 |
| **MANAGEMENT HEADQUARTERS** | **268,545** | **274,045** |
| Traumatic Brain Injury and Psychological Health | | 1,000 |
| Realignment of Navy funds for proper execution | | 4,500 |
| **EDUCATION AND TRAINING** | **485,524** | **559,364** |
| Joint Incentives Fund - Future Medical Care of Soldiers | | 4,000 |
| Fort Drum Regional Health Planning Organization | | 640 |
| Customized Nursing Programs | | 800 |
| Web-based Teaching Programs for Military Social Work | | 3,200 |
| Pediatric Medication Administration Product and Training | | 800 |
| Military Physician Combat Medical Training | | 1,000 |
| Traumatic Brain Injury and Psychological Health | | 45,000 |
| Realignment of Navy funds for proper execution | | 2,000 |
| Realignment of Air Force Funds for proper execution | | 10,000 |

| | Budget Request | Recommendation |
|---|---|---|
| Tri Service Nursing Research Program | | 6,400 |
| **BASE OPERATIONS AND COMMUNICATIONS** | **1,265,738** | **1,698,738** |
| Traumatic Brain Injury and Psychological Health | | 3,000 |
| Army FSRM | | 100,000 |
| Navy FSRM | | 80,000 |
| Air Force FSRM | | 60,000 |
| Realignment of Navy funds for proper execution | | 130,000 |
| Realignment for Air Force funds for proper execution | | 60,000 |
| **PROCUREMENT** | **303,905** | **311,905** |
| Operating Room of the Future for Application to Mobile Army Surgical Hospital Improvements | | 2,400 |
| Wide Angle Virtual Environment for USHUS | | 4,000 |
| Dedicated Breast MRI System for WRAMC/WRNNMC | | 1,600 |
| **RESEARCH AND DEVELOPMENT** | **193,938** | **902,558** |
| ALS | | 5,000 |
| Autism Research | | 8,000 |
| Bone Marrow Failure Research | | 5,000 |
| Breast Cancer Center (WRAMC/WRNMMC) | | 15,000 |
| Cancer Immunotherapy and Cell Therapy Initiative (Note: Department of Defense Military Health System Enhancement) | | 1,600 |
| Comprehensive Clinical Phenotyping and Genetic Mapping for the Discovery of Autism Susceptibility Genes (Note: within military dependents populations) | | 1,600 |
| Department of Defense Brain Injury Rescue and Rehabilitation Project (BIRR) | | 1,200 |
| Duchenne Muscular Dystrophy | | 4,000 |
| Genetics Studies of Food Allergies | | 2,500 |
| Global HIV/AIDS Prevention | | 8,000 |
| Gynecological Cancer Center (WRAMC/WRNMMC) | | 6,000 |
| Health Research and Disparities Eradication Program | | 6,500 |
| Identifying Health Barriers for Military Recruits | | 3,000 |
| Integrative Cardiac Health Care (WRAMC/WRNMMC) | | 7,000 |
| Lung Injury Management Program | | 1,200 |
| Madigan Army Medical Center Digital Pen | | 200 |
| Microencapsulation and Vaccine Delivery | | 800 |
| Military Trauma Training Program | | 800 |
| Mobile Diabetes Management | | 1,600 |
| Multiple Sclerosis | | 5,000 |
| National Diabetes Model Program | | 15,500 |
| Neuregulin Research | | 1,520 |
| Neuroscience Clinical Gene therapy Center (OSUMC) | | 800 |
| Pain and Neuroscience Center (WRAMC/WRNMMC) | | 8,000 |
| Patient Tracking Ontology | | 2,500 |
| Peer-Reviewed Breast Cancer Research Program | | 150,000 |
| Peer-Reviewed Cancer Research Program | | 16,000 |
| Peer-Reviewed Lung Cancer Research Program | | 20,000 |
| Peer-Reviewed Orthopedic Research | | 61,000 |
| Peer-Reviewed Ovarian Cancer Research Program | | 20,000 |
| Peer-Reviewed Prostate Cancer Research Program | | 80,000 |
| Peer-Reviewed Spinal Cord Research Program | | 35,000 |

| | Budget Request | Recommendation |
|---|---|---|
| Peer-Reviewed Vision Research | | 4,000 |
| Integrated Translational Prostate Cancer Center (WRAMC/WRNMMC) | | 4,000 |
| Proton Therapy | | 4,800 |
| Research to Improve Emotional Health and Quality of Life for Servicemembers with Disabilities | | 2,400 |
| Reservist Medical Simulation Training Program | | 800 |
| Severe Disorders of Consciousness (IBRF) (Note: Department of Defense Military Health System Enhancement) | | 6,400 |
| Stress Disorders Research Initiative at Ft. Hood | | 1,600 |
| Traumatic Brain Injury and Psychological Health Research | | 90,000 |
| Tuberous Sclerosis Complex (TSC) | | 6,000 |
| US Military Cancer Institute | | 4,000 |
| Vanadium Safety Readiness | | 1,600 |
| Virtual Medical Trainer | | 4,000 |
| Copper Antimicrobial Research Program | | 1,600 |
| Hawaii Federal Heatlh Care Network | | 23,000 |
| Pacific Based Joint Information Technology Center (JITC) | | 4,800 |
| Management of the Wounded Soldier from Air Evacuation to Rehabilitation | | 2,500 |
| Pharmacological Countermeasures to Ionizing Radiation | | 800 |
| Pseudofolliculitis Barbae (PFB) Topical Treatment | | 800 |
| Security Solutions from Life in Extreme Environments Center | | 1,200 |
| Peer Reviewed Medical Research Program | | 50,000 |

DEFENSE HEALTH PROGRAM REPROGRAMMING PROCEDURES

There is concern regarding the transfer, lack of proper budgeting and the reprogramming of funds from Direct (or In-house) Care to other budget activities within operation and maintenance. To limit transfers and enhance Congressional oversight within the Defense Health Program operation and maintenance account, language is included in the accompanying bill which limits the funds available for Private Sector Care under the TRICARE program subject to prior approval reprogramming procedures. The bill language and accompanying statement should not be interpreted by the Department as limiting the amount of funds that may be transferred to the Direct Care system.

In addition, the services are not properly budgeting for actual execution levels among the budget activity groups. Therefore, the Direct Care System funding will continue to be designated as a congressional special interest item. Any transfer of funds from the Direct (or In-house) Care budget activity into the Private Sector Care budget activity or any other budget activity shall require the Department of Defense to follow prior approval reprogramming procedures.

The Navy and the Air Force budget requests for In-House Care are in excess of actual requirements. Therefore, funds have been transferred from Navy and Air Force In-House Care to other budget activities to reflect estimated funding requirements.

In addition, the Department of Defense is directed to review budget execution data for all of the Defense Health Program accounts and to adequately reflect changes to the budget activities requested by the services in future budget submissions beginning in fiscal year 2010.

PRIVATE SECTOR CARE REDUCTION

The bill has reduced the Private Sector Care Budget Activity Group by $200,000,000 as a result of routine health care for servicemembers and their families returning to the military treatment facilities from private sector care. The actual private sector care funding required in fiscal year 2008 was $200,000,000 below the budget request, as demonstrated by prior approval reprogramming (FY08–11) submitted to the congressional defense committees by the Department of Defense.

CARRYOVER

The bill provides a one percent carryover for fiscal year 2009 operation and maintenance. The Assistant Secretary of Defense for Health Affairs is directed to submit to the congressional defense committees within 30 days after enactment of this Act a detailed spending plan for the fiscal year 2008 designated carryover funds.

The Assistant Secretary of Defense for Health Affairs is also directed to submit justification to the congressional defense committees not later than January 15, 2009, as to the continuing need to provide carryover in future budgets. In addition, the Department shall, not fewer than 15 days prior to executing the carryover funds, notify the congressional defense committees in writing of the details of any such obligation.

STRATEGIC COMMUNICATIONS

In 2007, the Assistant Secretary of Defense for Health Affairs (ASD(HA)) and the Military Health System (MHS) established an office for MHS Strategic Communications to address and respond to the various issues related to wounded warrior and the MHS. According to the Department of Defense, this new office was created to coordinate with the communications offices within the MHS and the services to serve as a hub for the MHS to respond to questions and interviews from the press, to manage and maintain the MHS web site, and to develop communication products and messages. In addition to creating and staffing this new office, the Department recently awarded a $3,900,000 contract to provide contracted personnel and to advise the Director, MHS Strategic Communications office in the execution of the MHS Strategic Communications Plan. There is great concern that the services provided through this contract are duplicative to the roles and responsibilities of the staff employed in this office. Therefore, the Assistant Secretary of Defense for Health Affairs and the Under Secretary of Defense for Personnel and Readiness are directed to provide a report to the congressional defense committees, not later than March 6, 2009, that details the roles, responsibilities, staffing, and resources of the strategic communications office and a detailed justification of this contract. The Department is further restricted from extending this contract without the approval of the defense subcommittees of the Committees on Appropriations of the House and the Senate.

TRAUMATIC BRAIN INJURY AND PSYCHOLOGICAL HEALTH

Traumatic brain injury (TBI) and psychological health issues have emerged as a significant cause of death to the war fighters in Iraq and Afghanistan. Whether mild, moderate or severe brain injury, the level of assessment and standard of care provided to the war fighter is in need of enhancement. Diagnosis, treatment, and rehabilitation must be at a level to ensure the best possible outcome. To this end, the bill includes $300,000,000 above the budget request to address all levels of brain injury and psychological health issues that servicemembers and their families have experienced during the Global War on Terror. The Department is expected to request any additional resources for these requirements in the upcoming supplemental request for fiscal year 2009.

The Department continues to work diligently to establish a center of excellence to provide specialized treatment and rehabilitation for brain injured troops, but much more is needed and the Department is expected to continue to provide the necessary care and treatment to servicemembers and their families. The vast majority of disabled troops will ultimately return to their home communities, which may be far removed from specialized centers. Therefore, the identification of local services is crucial to an appropriate rehabilitation plan and the Department of Veterans Affairs and military centers should coordinate with civilian centers to guarantee that optimal treatments and assistance are available throughout the country.

The Department is aware of gaps within TBI and psychological treatment methods that need to be addressed. The Department is expected to continue working with the Department of Veterans Affairs, Department of Health and Human Services, academia and industry to focus on the research and treatment necessary to address the gaps that have been identified.

An area of particular interest is the provision of appropriate and accessible counseling to servicemembers and their families who live in locations that are not close to military treatment facilities, other Military Health System health facilities or TRICARE providers. Web-based delivery of counseling has significant potential to offer counseling to personnel who otherwise might not be able to access it. Therefore, the Department is directed to establish and use a web-based Clinical Mental Health Services Program as a way to deliver critical clinical mental health services to servicemembers and their families in rural areas. Further, the Department is directed to report to the congressional defense committees on how they have incorporated a web-based program within the Defense Center of Excellence (DCoE) and its entities by March 16, 2009.

Funding provided in this bill is also to be used for the development and operation of the DCoE and the various centers, programs and initiatives that fall within its purview and resources to support the service medical departments as they continue to build and expand their TBI and psychological health capacity through initiatives and many supportive programs. Other initiatives, such as telehealth, clinical standards supporting TBI and psychological health, and training and education outreach should also be included.

Funding has also been provided to continue medical research and development on TBI and psychological health. The following research topics are recommended for consideration under this program: studies of mental health disorders and Post Traumatic Stress Disorder (PTSD) to include neuropsychiatric studies, biochemical mechanisms that underlie human emotional reactions to combat stress and resulting clinical disorders, metrics for mental health assessment and methods to evaluate and improve PTSD rehabilitation efforts; studies of Traumatic Brain Injury (TBI) including basic research on neural injury treatments, cell replacement and regrowth strategies, specific therapies to prevent and reverse spinal cord and other neuro-traumatic damage, pharmaceutical interventions to stimulate neural circuits, ''activity-based'' physical therapy, and extended rehabilitation focused on impairments in vision and cognitive functioning; clinical research of blast-related cell damage and the resulting effects on neurological response; 3D models of IED blast waves to develop equipment to mitigate injury to service members; a fully automated, self contained, disposable chip to diagnose TBI at the point of onset; DA-EEG assessment and MRI quantization to allow an accurate assessment of TBI; computational approaches to integrate global transcriptomics and proteomics information to indentify the biological networks altered following TBI; studies of PTSD and/or TBI including basic research in neurorehabilitation, the integration of informatics, and advanced computational research to analyze brain tissue and activities, the use of advanced neuroimaging, behavioral and genetic information to develop biomarkers, diagnostics, and treatments for semi-acute and chronic injury stages. Funding provided for research and development shall incorporate all aspects of research in the areas of TBI and psychological health by conducting basic science and translational research for the purposes of understanding the etiology and developing preventive interventions and new treatments and evaluating the outcomes to arrive at best-practice solutions. This requirement includes incorporating training, combat theater operations, and post deployment evidence-based preventive and early intervention measures, practices, or procedures to reduce the likelihood that personnel in combat will develop PTSD or other stress-related conditions or sustain traumatic brain injuries.

INCREASING THE AVAILABILITY AND ACCESS TO MENTAL HEALTH SERVICES

There is continued concern with the Department of Defense regarding mental health care for servicemembers returning from Operation Enduring Freedom and Operation Iraqi Freedom. Reports outlining gaps in coverage and poor access to care, especially in large rural and urban areas that support a large population of returning

servicemembers are troubling. In addition to the negative impact on servicemembers and their families, the failure to appropriately provide these services places a heavy financial and infrastructure burden on communities and local governments.

Therefore, the Department of Defense is directed to make funds available for projects and programs throughout the United States that (1) serve a high population of returning servicemembers; (2) encompass both large rural and urban areas; and (3) have an existing infrastructure that utilizes a combination of local mental health associations, community support networks, private sector mental health care provider networks, and universities for the purpose of enhancing the local access, delivery, education and outreach of mental health services for servicemembers and their families.

DIABETES RESEARCH

The growth of type I and type II diabetes in the United States, specifically the growing number of children, teens and young adults is of concern. The health care expenditures associated with treatment of this disease are drastically increasing. Without proper medical care, monitoring and patient education, diabetes results in health consequences and eventually death. Nutrition, early detection, diagnosis and treatment are essential to alleviate this trend.

The bill provides $15,500,000 for the Air Force Diabetes Program. Of the funds provided, $4,000,000 shall be for type I diabetes and $11,500,000 shall be for type II diabetes. Within the $11,500,000 provided for type II diabetes, $8,500,000 shall not be obligated until a new strategic plan, including a full estimate of the program by year has been submitted to and approved by the Air Force Surgeon General.

The Air Force Surgeon General is directed to review the Diabetes Program on a monthly basis to ensure that all goals and milestones are reached prior to obligation of funding provided in fiscal year 2009. Prior to obligating funds within the limitation specified above, the Air Force Surgeon General shall submit a report to the congressional defense committees which provides specific details for all funding provided for this program.

Finally, the Diabetes Program is directed to look at new and innovative ways such as metabolic research, physiology and holistic approaches that would be beneficial, while working in conjunction with the current program, to the military and civilian populations.

PEER-REVIEWED CANCER RESEARCH PROGRAM

The bill provides $16,000,000 for a peer-reviewed cancer research program that would research cancers not addressed in the breast, prostate and ovarian cancer research programs currently executed by the Department of Defense, and specifically the U.S. Army Medical Research and Materiel Command (USAMRMC).

The funds provided are directed to be used to conduct research in the following areas: $4,000,000 for research of melanoma and other skin cancers as related to deployments of servicemembers to areas of high exposure; $2,000,000 for research of pediatric brain tumors within the field of childhood cancer research; $8,000,000 for genetic cancer research and its relation to exposure to the various environments that are unique to a military lifestyle; and $2,000,000 for non-invasive cancer ablation research into non-invasive cancer treatment including selective targeting with nano-particles.

The funds provided under the Peer-Reviewed Cancer Research Program shall be used only for the purposes listed above. The Department of Defense is directed to provide a report by March 16, 2009, to the congressional defense committees on the status of this new Peer-Reviewed Cancer Research Program as to the relevance of this type of research for servicemembers and their families.

WARRIORS IN TRANSITION

Fiscal year 2008 has proven that the military's system for housing, treating, transitioning and integrating soldiers after injury is extremely challenged. The problems occurred on many levels from failed infrastructure, rehabilitative care, and administrative process, to policy incongruities between the Department of Defense and the services. Warriors in transition are defined as soldiers that meet the qualifications for medical hold, medical holdover or active duty medical extension, and active component soldiers who require a medical evaluation board or have medical needs requiring more than six months of treatment.

It is perplexing that this situation continues despite all of the effort expended to prevent it. Therefore, the bill provides an additional $240,000,000 to the $319,000,000 within Base Operations for facilities sustainment, restoration and modernization for the Army, Navy and Air Force, to continue improving the facilities that care for our servicemembers and their families.

The Secretary of Defense is directed to report to the congressional defense committees by March 16, 2009, on how the Department is executing the funding provided and that the funding is being used for the highest priorities as submitted by the services. Additional resources have been provided to the services in the past and the Department must make adjustments to budget submissions to reflect these requirements of the Military Health System.

The above issues, coupled with the increasing number of soldiers entering the disability process, have adversely affected the capability to timely meet the needs of both the soldiers and the services. The process of warrior transition will continued to be followed and the Secretary of Defense is directed to report quarterly to the congressional defense committees on the status of warrior transition improvements and requirements.

VISION RESEARCH

The Department of the Army is continually assessing new technologies and therapies to address the ocular issues of servicemembers. Current research targets the causes, effects, and treatment of eye damage and diseases that, despite their different mechanisms and pathogenesis, all have a common end result: degeneration of the critical components of the eye and impairment or loss of vision. In order to implement therapeutic strategies to prevent or treat visual problems common to combat soldiers, the Army needs to develop and validate compounds and strategies. Therefore, the bill provides $4,000,000 for vision research and directs the Army to target the various causes, effects and treatment of visual injury resulting from exposures to the elements during combat operations, and damage from explosive devices. This type of research will ultimately be used to ensure and sustain combat readiness.

PEER-REVIEWED LUNG CANCER RESEARCH

The bill includes $20,000,000 for lung cancer research. Lung cancer is the most lethal of all cancers taking more lives each year than all the other major cancers combined. Furthermore, the five-year survival rate for lung cancer remains 15 percent and a major challenge is that 70 percent of the diagnoses are late stage. Military personnel have heightened exposure to lung cancer carcinogens. These funds shall be for competitive research and the establishment of a tissue bank. Priority shall be given to the development of the integrated components to identify, treat and manage early curable lung cancer. The Army is expected to provide a plan for these funds and to include Walter Reed Army Medical Center in the formulation of this plan. The plan shall be submitted to the congressional defense committees 120 days after enactment of this Act.

SPINAL CORD INJURY MEDICAL RESEARCH AND TREATMENT

Spinal cord injuries are one of the many serious wounds resulting from conflicts in Iraq and Afghanistan that require many levels of research and treatment. Significant funding has been provided for research and treatment for neuro-traumatic wounds. However, given the complexity of these types of injuries and the steep learning curve associated with establishing effective treatment regimes, there is much more to be done.

For the coming years, research into regenerating damaged spinal cords and improving rehabilitation therapies offers real promise for enhancing the long-term care of wounded soldiers. The bill provides $35,000,000 to establish a competitive, peer-reviewed spinal cord injury research and treatment program. The Secretary of Defense is directed to submit a report to the congressional defense committees not later than 120 days after enactment of this Act that describes the criteria to be used to determine how these funds are to be allocated.

PEER-REVIEWED MEDICAL RESEARCH PROGRAM

The bill provides $50,000,000 for a Peer-Reviewed Medical Research Program. The Secretary of Defense is directed, in conjunction with the Service Surgeons General, to select medical research projects of clear scientific merit and direct relevance to military health. Research areas considered under this funding are restricted to: Alcoholism, Autoimmune Diseases, Blood Cancer, Childhood Asthma, Drug Abuse, Epilepsy, Kidney Cancer, Listeria Vaccine for infectious disease and cancer, Lupus, Mesothelioma, Molecular Signatures in Tumors, Neuroblastoma, Osteoporosis and related bone disease, Paget's Disease, Pediatric Cancer, Polycystic Kidney Disease, Social Work Research, Tinnitus, and West Nile Virus Vaccine. Additional funding provided under the Peer-Reviewed Medical Research Program shall be devoted only to the purposes listed above.

U.S. ARMY MEDICAL RESEARCH INSTITUTE FOR INFECTIOUS DISEASES (USAMRIID)

The community remains concerned over the Army's planned expansion of bio-safety level 3 and 4 laboratories at the U.S. Army Medical Research Institute for Infectious Diseases (USAMRIID) at Fort Detrick, Maryland. Though the Army has completed the National Environmental Policy Act process to assess the impact of the expansion on the environment, significant concerns continue to exist in the local community as to whether the assessments of potential health and safety risks and the strategies to mitigate those risks are sufficient. The Secretary of the Defense is directed to enter into an arrangement with the National Academy of Sciences under which the Academy shall carry out a study to evaluate the analyses of health and safety risks to the surrounding community conducted as part of National Environmental Policy Act process for the planned expansion of bio-safety level 3 and level 4 labs of the USAMRIID, to be completed no later than March 1, 2010. The Academy shall submit to the congressional defense committees a report on the study at the same time that such report is submitted to the Secretary of the Defense.

TRI-SERVICE NURSING RESEARCH PROGRAM

The bill includes $6,400,000 to continue the Tri-Service Nursing Research Program. The Department of Defense is urged to include this program in future budget requests. This program provides funding for peer-reviewed research studies conducted by active duty and reserve military nurses on topics of military nursing that might not be competitive in other funding venues. This program is an essential tool for the retention of our military nurses. The Assistant Secretary of Defense for Health Affairs, in conjunction with the Service Surgeons General and the Nursing Corps Chiefs are directed to provide a report to the congressional defense committees, by April 25, 2009, that details the number and topic areas of research proposals submitted and funded and a detailed accounting of the entire program, including administrative costs, overhead and travel.

CENTERS OF EXCELLENCE AT WRAMC/WRNMMC

This bill includes $40,000,000 for the following Centers of Excellence at the current Walter Reed Army Medical Center: Breast Care, Gynecologic, Prostate, Pain and Neuroscience, and Integrated Cardiac Health (Wellness). These Centers are in the forefront in the advancement of modern medical care.

It is encouraging that the Department has recognized the importance of these Centers to the welfare of our servicemembers and their families and has included them in the construction plans for the new Walter Reed National Military Medical Center.

Therefore, the Secretary of Defense is directed to include funding for these centers beginning with the fiscal year 2010 budget submission.

LIFE-PRESERVING BLOOD TECHNOLOGIES

There are blood technologies that hold great promise to increase survival rates of our wounded military and improve standard of care. The Assistant Secretary of Defense for Health Affairs, in consultation with the Service Surgeons General, is directed to submit a report to the congressional defense committees no later than March 30, 2009, that provides an assessment of the feasibility and advisability of accelerating research, development, and fielding of blood technologies that will improve the capacity to save lives of members of the Armed Forces receiving combat medical care. The technologies to be addressed by the report shall include, but not be limited to, extended life red blood cells, cryogenic storage of white blood cells, cryo-preserved platelets, hemoglobin-based oxygen carriers, and freeze dried plasma.

COHORT/ACIMS

The COHORT/ACIMS project has the potential to benefit future systems integration within the Military Health System and its connectivity with the Veterans Administration. Continuation and integration of this innovative and timely technology should be made a priority by the Chief Information Officers of the Air Force Surgeon Generals Office and Health Affairs. The Department of Defense is urged to provide the necessary resources to continue this valuable development effort.

MEDICAL CARE IN THE NATIONAL CAPITAL REGION

The construction of ''world class'' hospitals at both the new Walter Reed National Military Medical Center and Fort Belvoir is a necessity. Servicemembers and their families deserve nothing less. However, there is concern that this is not going to occur under the current approach of the Department of Defense. For example, the high degree of concurrency within the program and the total lack of adequate planning and design have resulted in an increased cost of the new Walter Reed National Military Medical Center from the estimate of $201,000,000 in May 2005 to $940,000,000 in early calendar year 2008. Even with these increases the Department of Defense has not included funding for eight items at the new Walter Reed National Military Medical Center, not the least of which are the Warrior Clinic, Warrior in Transition housing, enlisted housing, and parking. Furthermore, the Department of Defense and the community have yet to solve how ingress and egress will be affected to support a facility for which the daily population of patients and staff will increase by over 4,000 individuals.

The number of patient visits per year for the three existing hospitals is currently in excess of 1,500,000. The transition to two new facilities will be a daunting challenge under the best of circumstances. The Secretary of Defense is directed to provide a thorough and detailed milestone schedule which outlines projected construction completion, prove out of the facilities, and transition of staff personnel as well as the care for service members and their families to the congressional defense committees within 120 days of enactment of this Act.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

For Chemical Agents and Munitions Destruction, Defense, funds are to be available for fiscal year 2009, as follows:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| CHEMICAL AGENTS & MUNITIONS DESTRUCTION, DEFENSE | | | |
| CHEM DEMILITARIZATION - OPERATION AND MAINTENANCE..... | 1,152,668 | 1,152,668 | --- |
| CHEM DEMILITARIZATION - PROCUREMENT..... | 64,085 | 64,085 | --- |
| CHEM DEMILITARIZATION - RESEARCH, DEV, TEST & EVAL.... | 268,881 | 288,881 | +20,000 |
| TOTAL, CHEM AGENTS & MUNITIONS DESTRUCTION, DEFENSE. | 1,485,634 | 1,505,634 | +20,000 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| | Budget Request | Recommendation |
|---|---|---|
| **CHEM DEMILITARIZATION-O&M** | **1,152,668** | **1,152,668** |
| **CHEM DEMILITARIZATION-PROC** | **64,085** | **64,085** |
| **CHEM DEMILITARIZATION-RDTE** | **268,881** | **288,881** |
| Blue Grass Chemical Agent Destruction Pilot Plant | | 20,000 |

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

For Drug Interdiction and Counter-Drug Activities, Defense, $1,096,743,000 is provided for fiscal year 2009.

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| | Budget Request | Recommendation |
|---|---|---|
| **COUNTER NARCOTICS** | **1,060,493** | **1,096,743** |
| Transit Zone Maritime Patrol Aircraft | | -15,000 |
| PC 1389 Classified | | -1,000 |
| PC 9205 EUCOM Counternarcotics Operations Support | | -3,250 |
| PC 9206 AFRICOM Counternarcotics Operations Support | | -4,000 |
| National Guard State Plans (Law Enforcement and Schools) | | 22,500 |
| Alaska National Guard Counter-Drug Program | | 3,000 |
| Appalachia High Intensity Drug Trafficking Area - Tennessee National Guard | | 4,000 |
| Hawaii National Guard Counter-Drug Program | | 3,000 |
| Indiana National Guard Counter-Drug Program | | 800 |
| Kentucky National Guard Counter-Drug Program | | 3,600 |
| Midwest Counter-Drug Training Center | | 5,000 |
| Multi-Jurisdictional Counter-Drug Program | | 3,000 |
| Nevada National Guard Counter-Drug Funding Initiative | | 3,500 |
| New Mexico National Guard Counter-Drug Support Program | | 3,200 |
| Northeast Counter-Drug Training Center (NCTC) | | 3,000 |
| Regional Counter-Drug Training Academy, Meridian | | 2,500 |
| Southwest Border Fence | | 1,600 |
| West Virginia Counter-Drug Program | | 800 |

SOUTHCOM FUNDING

Funding for numerous systems and activities is shared between SOUTHCOM's operation and maintenance budget and the Department of Defense counternarcotics budget. The Command Management System is one notable example where the division of responsibility is unclear. The Department is urged to reevaluate the methodology SOUTHCOM uses to determine which portion of these systems and activities should be funded through its normal operating budget and which should be funded through counternarcotics funding streams. This evaluation will ensure that SOUTHCOM is taking financial responsibility for its baseline programs similar to other Combatant Commanders which do not have the large counternarcotics funding streams.

JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

The bill does not provide funding for the Joint Improvised Explosive Device Defeat Organization. The request of $496,300,000 was addressed in the previously enacted fiscal year 2009 supplemental appropriations. Additional requirements will be addressed in subsequent supplemental appropriations for fiscal year 2009.

TERRORIST EXPLOSIVE DEVICE ANALYTICAL CENTER

The Joint IED Defeat Organization (JIEDDO) is to be commended on its work with the Federal Bureau of Investigation's Terrorist Explosive Device Analytical Center (TEDAC) to provide a unified partnership between law enforcement, intelligence, and the U.S. military to technically and forensically exploit IEDs. This relationship is yielding actionable intelligence that contributes to offensive anti-terror missions and to the force protection of the United States and coalition assets around the globe. The JIEDDO is encouraged to maintain and cultivate this relationship in the future.

OFFICE OF THE INSPECTOR GENERAL

For the Office of the Inspector General, $271,845,000 is provided for fiscal year 2009.

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| OFFICE OF THE INSPECTOR GENERAL | | | |
| OFFICE OF THE INSPECTOR GENERAL | | | |
| OPERATION AND MAINTENANCE | 246,445 | 270,445 | +24,000 |
| PROCUREMENT | 1,400 | 1,400 | --- |
| TOTAL, OFFICE OF THE INSPECTOR GENERAL | 247,845 | 271,845 | +24,000 |

TITLE VII—RELATED AGENCIES

For Related Agencies, funds are to be available for fiscal year 2009, as follows:

(IN THOUSANDS OF DOLLARS)

| | BUDGET REQUEST | RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| TITLE VII | | | |
| RELATED AGENCIES | | | |
| Central Intelligence Agency Retirement and Disability System Fund | 279,200 | 279,200 | --- |
| Intelligence Community Management Account | 685,042 | 710,042 | +25,000 |
| Transfer to Department of Justice | (19,500) | (44,000) | (+24,500) |
| Total, title VII, Related agencies | 964,242 | 989,242 | +25,000 |

CLASSIFIED ANNEX

Adjustments to the classified programs are addressed in a separate detailed and comprehensive classified annex. The Intelligence Community, Department of Defense and other organizations are expected to fully comply with the recommendations and directions in the classified annex accompanying the Department of Defense Appropriations Act, 2009.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

For the Central Intelligence Agency Retirement and Disability Fund, $279,200,000 is provided for fiscal year 2009.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

(INCLUDING TRANSFER OF FUNDS)

For the Intelligence Community Management Account, $710,042,000 is provided for fiscal year 2009, as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| | Budget request | Recommended |
|---|---|---|
| Intelligence Community Management Account | 685,042 | 710,042 |
| Language Mentorship Program incorporating an electronic portfolio | ..... | 800 |
| National Drug Intelligence Center ($22.5 million for NDIC, $2 million for Department of Air Force Personnel) | 19,500 | 44,000 |
| Total, ICMA | 685,042 | 710,042 |

The bill provides for a transfer of $44,000,000 to the Department of Justice for the National Drug Intelligence Center to support the Department of Defense's counter-drug intelligence responsibilities, of which $2,000,000 is for reimbursement for Air Force personnel.

INTELLIGENCE COMMUNITY HIGHLY QUALIFIED EMPLOYEE (HQE) AUTHORITY

Within 30 days of the enactment of this Act, the Director of National Intelligence is directed to implement the highly-qualified-employee, ''HQE'' authority throughout the Intelligence Community. The Department of Defense first successfully used this authority to hire a business systems expert to help the Secretary of Defense work toward a clean financial audit opinion on annually appropriated defense funds. The Director of National Intelligence is directed to follow precedence in fiscal year 2009 and use this hiring authority to supplement the Business Transformation Office with at least seven private sector business systems experts. Taking this step will assist the Intelligence Community in implementing tools and techniques which will improve the National Intelligence Program and the Military Intelligence Program business processes and overall financial management.

INTELLIGENCE COMMUNITY FACILITIES/REAL ESTATE MANAGEMENT

The Director of National Intelligence is directed to develop a coordinated strategy and subsequent Community- wide policy for meeting its future validated infrastructure needs. Further, the Director of National Intelligence is directed to provide the congressional intelligence committees with an Intelligence Community Facilities Management Strategy and a Facilities Condition Index for all Intelligence Community buildings over 20,000 square feet within 180 days of enactment of this Act. Finally, future Intelligence Community infrastructure requests should include a greater influence of ''green'' or sustainable building practices. The American people expect the Community to be a leader when it comes to cutting edge technologies, and embracing ideas such as ''green'' buildings should be prominent in all future infrastructure strategy documents.

INTELLIGENCE COMMUNITY CHIEF HUMAN CAPITAL OFFICER

The Intelligence Community Civilian Joint Duty Program has the potential to break down barriers to information sharing and collaboration, transform the culture of the Intelligence Community, and help the Community achieve its strategic goals. All Intelligence Community elements are directed to participate fully in the program and the Community's senior leadership is expected to support the program, encourage their employees to take rotational assignments, and break down any bureaucratic barriers to the smooth implementation of the program as required by law. Further, that the Intelligence Community has studied other pay-for-performance efforts, both within the Community and the rest of government is encouraging. The executive branch started implementing this effort on September 14, 2008, and therefore the Intelligence Community is directed to ensure that full implementation of the system follows the principles of merit, transparency and fairness in a manner which is deliberate and methodical. Finally, semi-annual updates are expected to be provided to the Committees on Appropriations beginning within 30 days of the enactment of this Act.

CONTROLLED ACCESS PROGRAMS

The Director of National Intelligence shall provide notification of the establishment of National Intelligence Program-funded Controlled Access Programs to the congressional intelligence committees.

NATIONAL DRUG INTELLIGENCE CENTER

The National Drug Intelligence Center's mission includes providing strategic domestic intelligence, supporting the intelligence community's counterdrug efforts and document exploitation. The National Drug Intelligence Center has already been tasked to produce a drug threat assessment which examines the illicit drug trade in Iraq and the threat it poses to United States interests. The National Drug Intelligence Center's document exploitation capability is already recognized throughout the law enforcement community as an invaluable aid to advancing the investigation and prosecution of drug traffickers, money launderers, or any criminal intent on attacking the national security interests of the United States. The Director of National Intelligence is directed to assess the National Drug Intelligence Center's capabilities and report to the congressional intelligence committees on those capabilities within 180 days of enactment of this Act.

TITLE VIII—GENERAL PROVISIONS

The bill includes the following general provisions. A description of each provision follows.

Language is included that provides that no funds made available in this Act may be used for publicity or propaganda purposes not authorized by Congress.

Language is included that provides for conditions and limitations on the payment of compensation to, or employment of, foreign nationals.

Language is included that provides that no funds made available in this Act may be obligated beyond the end of the fiscal year unless a greater period of availability is provided elsewhere in the Act.

Language is included that provides a 20 percent limitation on the obligation of funds provided in this Act during the last two months of the fiscal year.

Language is included that provides for the general transfer authority of working capital funds to other military functions.

Language is included specifying that adjustments to programs, projects, and activities included in the ''Explanation of Project Level Adjustments'' that are increases above the budget are incorporated into law. Transfers within an appropriation account, among programs, projects and activities do not require general transfer authority as stipulated in Section 8005 of the accompanying Act. However, such transfers are subject to normal prior approval reprogramming procedures if such transfers exceed thresholds described elsewhere in this statement. Transfers between appropriation accounts are subject to the provisions of Section 8005 of the accompanying Act, and are also subject to prior congressional approval.

Language is included that provides for the establishment of a baseline for application of reprogramming and transfer authorities for fiscal year 2009.

Language is included that provides for upgrades to Air Force Ranges in Alaska.

Language is included that provides for limitations on the use and transfer authority of working capital fund cash balances.

Language is included that provides that none of the funds appropriated in this Act may be used to initiate a special access program without prior notification to the congressional defense committees.

Language is included that provides limitations and conditions on the use of funds made available in this Act to initiate multi-year contracts.

Language is included that provides for the use and obligation of funds for humanitarian and civic assistance costs under Chapter 20 of title 10, United States Code.

Language is included that provides that civilian personnel of the Department may not be managed on the basis of end strength or be subject to end strength limitations.

Language is included that prohibits funds made available in this Act from being used to influence congressional action on any matters pending before the Congress.

Language is included that prohibits compensation from being paid to any member of the Army who is participating as a full-time student and who receives benefits from the Department of Defense Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment.

Language is included that restrict studies and public private competitions regarding converting any activity or function performed by civilian employees of the Department of Defense to contractor performance with certain exceptions.

Language is included that provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-Protégé Program.

Language is included that provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Language is included that prohibits funds made available to the Department of Defense from being used to demilitarize or dispose of surplus firearms.

Language is included that provides a limitation on funds being used for the relocation of any Department of Defense entity into or within the National Capital Region.

Language is included that provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Language is included that provides that no funds made available in this Act for the Defense Media Activity may be used for national or international, political or psychological activities.

Language is included that restricts funds from being used to perform cost studies under OMB Circular A–76.

Language is included that provides for the obligation of funds for purposes specified in

section 2350j(c) of title 10, United States Code.

Language is included that makes funds available for the Civil Air Patrol Corporation.

Language is included that provides for the number of staff years of technical effort that may be funded for defense Federally Funded Research and Development Centers (FFRDC).

Language is included that provides for the Department of Defense to procure carbon, alloy or armor steel plate melted and rolled only in the United States and Canada.

Language is included that defines the congressional defense committees as being the Armed Services Committees and the Subcommittees on Defense of the Committees on Appropriations of the House of Representatives and Senate.

Language is included that provides for competitions between private firms and Department of Defense Depot Maintenance Activities.

Language is included that provides for revocation of blanket waivers of the Buy American Act upon a finding that a country has violated a reciprocal trade agreement by discriminating against products produced in the United States that are covered by the agreement.

Language is included that provides for the availability of funds for purposes specified in section 2921(c)(2) of the 1991 National Defense Authorization Act, namely facility maintenance and repair and environmental restoration at military installations in the United States.

Language is included that provides for the conveyance, without consideration, of relocatable housing units located at Grand Forks and Minot Air Force Bases to Indian Tribes located in North and South Dakota, Montana, and Minnesota.

Language is included that provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than $250,000.

Language is included that prohibits the use of Working Capital Funds to purchase specified investment items.

Language is included that provides that none of the funds appropriated for the Central Intelligence Agency shall remain available for obligation beyond the current fiscal year except for funds appropriated for the Reserve for Contingencies, the Working Capital Fund, or certain other programs authorized under section 503 of the National Security Act.

Language is included that provides that funds available for the Defense Intelligence Agency may be used for intelligence communications and intelligence information systems for the Services, the Unified and Specified Commands, and the component commands.

Language is included that provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Language is included that provides for the Department of Defense to comply with the Buy American Act (title III of the Act entitled ''An Act making appropriations for the Treasury and Post Office Departments for the fiscal year ending June 30, 1934, and for other purposes'').

Language is included that provides conditions under which contracts for studies, analyses or consulting services may be entered into without competition on the basis of an unsolicited proposal.

Language is included that provides for the limitations of funds made available in this Act to establish Field Operating Agencies.

Language is included that provides grant authorities for the Department of Defense acting through the Office of Economic Adjustment.

(RESCISSIONS)

Language is included that provides for the rescission of $1,320,473,000 from the following programs:

| | |
|---|---|
| 2008 Appropriations: | |
| Aircraft Procurement, Army: | |
| Armed Reconnaissance Helicopter | $174,600,000 |
| Procurement of Ammunition, Army: | |
| Signals | 69,200,000 |
| Shipbuilding and Conversion, Navy: | |
| Littoral Combat Ship | 337,000,000 |
| Research, Development, Test and Evaluation, Army: | |
| MILSATCOM Ground Environment (Space) | 49,800,000 |
| Research, Development, Test and Evaluation, Air Force: | |
| Classified Programs | 50,000,000 |
| DSRP | 163,573,000 |
| Tanker Replacement | 72,000,000 |
| Electronic Warfare Development-MALD Schedule Delay | 14,500,000 |
| Research, Development, Test and Evaluation, Defense-Wide: | |
| DARPA | 150,000,000 |
| Tanker Replacement Transfer Fund | 239,800,000 |

Language is included that prohibits funds made available in this Act from being used to reduce authorized positions for military (civilian) technicians of the Army National Guard, Air National Guard, Army Reserve and Air Force Reserve unless such reductions are a direct result of a reduction in military force structure.

Language is included that provides that none of the funds made available in this Act may be obligated or expended for assistance to the Democratic People's Republic of Korea unless appropriated for that purpose.

Language is included that provides for reimbursement to the National Guard and Reserve when members of the National Guard and Reserve provide intelligence or counter-intelligence support to the Combatant Commands, Defense Agencies and Joint Intelligence Activities.

Language is included that prohibits funds made available in this Act from being used to reduce civilian medical and medical support personnel assigned to military treatment facilities below the September 30, 2003, level unless the Service Surgeons General certify to the congressional defense committees that it is a responsible stewardship of resources to do so.

Language is included that provides that Defense and Central Intelligence Agencies' drug interdiction and counter-drug activity funds may not be transferred to other agencies unless specifically provided in an appropriations law.

Language is included that prohibits the use of funds appropriated by this Act for the procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin.

Language is included that provides for the Department of Defense to purchase supercomputers manufactured only in the United States.

Language is included that prohibits the use of funds made available in this or any other Act to transfer administrative responsibilities or budgetary resources of any program, project, or activity financed by this Act to the jurisdiction of another Federal agency not financed by this Act without expressed authorization of the Congress.

Language is included that provides for prior congressional notification of article transfers to international peacekeeping organizations.

Language is included that prohibits the use of funds made available in this Act for contractor bonuses from being paid due to business restructuring.

Language is included that provides for the transfer of funds to be used to support personnel supporting approved non-traditional defense activities.

Language is included that provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Language is included that provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Language is included that provides for the availability of funds provided by this Act to implement cost-effective agreements for required heating facility modernization in the Kaiserslautern Military Community, Germany.

Language is included that provides for the limitation on the use of funds appropriated in Title IV to procure end-items for delivery to military forces for operational training, operational use or inventory requirements.

Language is included that provides in perpetuity for the use of funds made available in this Act for the transportation of relief supplies to American Samoa and the Indian Health Service.

Language is included that prohibits the use of funds made available in this Act from being used to approve or license the sale of the F–22A advanced tactical fighter to any foreign government.

Language is included that provides for a waiver of the ''Buy America'' provisions for certain cooperative programs.

Language is included that prohibits the use of funds made available in this Act to support the training of members of foreign security forces who have engaged in gross violations of human rights.

Language is included that provides for the Department to develop, lease or procure T–AKE class ships with main propulsion engines and propulsors manufactured only in the United States by a domestically operated entity.

Language is included that prohibits the use of funds made available in this Act for repairs or maintenance to military family housing units.

Language is included that provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

Language is included that provides that the Secretary of Defense shall provide a classified quarterly report on certain matters as directed in the classified annex accompanying this Act.

Language is included that prohibits the use of funds made available to the Department of Defense to provide support to an agency that is more than 90 days in arrears in making payments to the Department of Defense for goods or services provided on a reimbursable basis.

Language is included that provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Language is included that prohibits the use of funds made available in this Act to transfer to any nongovernmental entity ammunition held by the Department of Defense that has a center-fire cartridge and is designated as ''armor piercing'' except for demilitarization purposes.

Language is included that provides for a waiver by the Chief, National Guard Bureau or his designee for all or part of consideration in cases of personal property leases of less than one year.

Language is included that prohibits funds made available in this Act from being used to purchase alcoholic beverages.

Language is included that provides for the use of funds made available to the Department of Defense for the Global Positioning System.

Language is included that provides for the transfer of funds made available in this Act under ''Operation and Maintenance, Army'' to other activities of the Federal Government for classified purposes.

Language is included that provides for the forced matching of disbursement and obligations made by the Department of Defense in fiscal year 2009.

Language is included that provides grant authority for the construction and furnishing of additional Fisher Houses to meet the needs of military family members when confronted with the illness or hospitalization of an eligible military beneficiary.

Language is included that provides the Secretary of Defense, in coordination with the Secretary of Health and Human Services, the authority to distribute surplus dental and medical equipment to Indian Health Service facilities and to federally-qualified health centers.

Language is included that provides funding and transfer authority for the Arrow Missile Defense Program.

Language is included that provides for the transfer of funds to properly complete prior year shipbuilding programs.

Language is included that none of the funds available to the Department of Defense may be obligated to modify command and control relationships to give Fleet Forces Command administrative and operational control of U.S. Navy forces assigned to the Pacific Fleet.

Language is included that provides for the noncompetitive appointments of certain medical occupational specialties, as prescribed by section 7403(g) of Title 38, United States Code.

Language is included that provides that funds made available in this Act are deemed to be specifically authorized by Congress for purposes of section 504 of the National Security Act of 1947.

Language is included that prohibits the use of funds made available in this Act to initiate a new start program without prior written notification.

Language is included that provides authority for the Secretary of the Army to make a grant only to the Center for Military Recruitment, Assessment and Veterans Employment.

Language is included that provides funds for public schools with unusually high concentrations of special needs military dependents.

Language is included which provides the Secretary of Defense the authority to make grants in the amounts specified.

Language is included that directs the financing, development and fielding of the Non-Line-of-Sight Cannon, including the delivery of pre-production prototypes.

Language is included that provides that the budget request for fiscal year 2010 shall include separate budget justification documents for costs of the United States Armed Forces' participation in Contingency Operations for military personnel, operation and maintenance, and procurement accounts.

Language is included that prohibits funds made available in this Act from being used for the research, development, test, evaluation, procurement or deployment of nuclear armed interceptors of a missile defense system.

Language is included that permits Operation and Maintenance, Navy funds to be used to repair, maintain and operate flood control systems adjacent to the Pacific Missile Range Facility.

Language is included that prohibits funds made available in this Act from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Language is included that prohibits funds made available in this Act from being used for the integration of foreign intelligence information unless the information has been lawfully collected and processed during conduct of authorized foreign intelligence activities.

Language is included that provides that at the time members of Reserve components of the Armed Forces are called or ordered to active duty, each member shall be notified in writing of the expected period during which the member will be mobilized.

Language is included that provides that the Secretary of Defense may transfer funds from any available Department of the Navy appropriation to any available Navy ship construction appropriation to liquidate costs caused by rate adjustments or other economic factors.

Language is included that provides for the use of current and expired Shipbuilding and Conversion, Navy subdivisions to reimburse the Judgment Fund.

Language is included that prohibits transfer of program authorities relating to current tactical unmanned aerial vehicles (TUAV) from the Army.

Language is included that provides in perpetuity limitations for the reimbursement of any health care provider for inpatient mental health services.

Language is included that provides authorities to the Joint Interagency Training and Education Center, for homeland defense/security and traditional warfighting training.

Language is included that provides authority to the Secretary of Defense to adjust wage rates for civilian employees hired for certain health care occupations.

Language is included that provides permanent authority to conduct a continuing cooperative program in the proviso in title II of Public Law 102–368 under the heading ''Research Development, Test and Evaluation, Defense Agencies''.

Language is included that provides the U. S. Pacific Command the authority to obligate funds for humanitarian and security assistance within the theater of operation.

Language is included that has been added and limits the obligation authority of funds provided for the Director of National Intelligence to the current fiscal year except for research and technology which shall remain available for the current and the following fiscal years.

Language is included to adjust the budget by Congressional Budget Office inflation indices.

Language is included that provides for the adjustment of obligations within the Shipbuilding and Conversion, Navy appropriation.

Language is included that provides that not more than 35 percent of the funds made available in this Act for environmental remediation may be obligated under indefinite delivery/indefinite quantity contracts with a total contract value of $130,000,000 or higher.

Language is included that provides for the creation of a major force program category for space for the Future Year Defense Program of the Department of Defense.

Language is included that prohibits award fees to any defense contractor contrary to the provisions of section 814 of the National Defense Authorization Act, Fiscal Year 2007 (Public Law 109–364).

Language is included that prohibits the use of funds made available in this Act to establish any permanent military installation or base in Iraq.

Language is included that requires the Intelligence Community to submit certain budget exhibits, as described in the Department of Defense Financial Management Regulation, for procurement and research, development, test and evaluation programs.

Language is included that prohibits the use of funds made available in this Act to contravene laws enacted or regulations promulgated to implement the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Language is included that provides limitations on the use of funds made available in this Act to pay negotiated indirect cost rates on agreements or arrangements between the Department of Defense and nonprofit institutions.

Language is included that directs the Secretary of Defense to maintain on the Department of Defense website a link to Office of the Inspector General of the Department of Defense.

Language is included that prohibits transfers of funds until the Director of National Intelligence submits a baseline for application of reprogramming and transfer authorities.

Language is included that directs the Director of National Intelligence to provide a future-years intelligence program with the President's budget submission to Congress.

Language is included that defines congressional intelligence committees.

Language is included that directs that the Department continue to report incremental contingency operations costs for Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) on a monthly basis in the Cost of War Execution Report as required by Department of Defense Financial Management Regulation.

Language is included that provides for a transfer of lands, easements, Air Installation Compatible Use Zones, and facilities at NASJRB Willow Grove.

Language is included that provides for stop loss special pay.

Language is included that extends the statute of limitations during wartime.

Language is included that provides for incentives of downblending of highly enriched uranium by the Russian Federation.

Language is included that provides for a reduction of excess cash balances in the Department of Defense Working Capital Funds.

DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the bill or this explanatory statement, along with the name of each Senator, House Member, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. Neither the bill nor the explanatory statement contains any limited tax benefits or limited tariff benefits as defined in the applicable House and Senate rules.

## DEFENSE

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| AP,A | Air Warrior-Joint Service Vacuum Packed Life Raft (AW-JSVPLR) | $2,400,000 | Young (FL) | |
| AP,A | Aircraft Component Remediation | 1,600,000 | | Sessions |
| AP,A | CAAS—Pilot Vehicle Interface | 1,600,000 | Hinchey | Grassley, Harkin, Schumer |
| AP,A | Cockpit Air Bag System (CABS) | 1,600,000 | Pastor | |
| AP,A | Forward Looking Infrared System for New York National Guard | 1,600,000 | King (NY), Arcuri, Gillibrand, Hall (NY), Israel | Schumer |
| AP,A | HH-60A to HH-60L Upgrades for the 204th TN ARNG | 8,000,000 | | Alexander |
| AP,A | Light Utility Helicopter | 32,600,000 | | Cochran, Wicker |
| AP,A | UH-60 Improved Communications (ARC 220) for the ARNG | 1,600,000 | Latham, Bishop (UT) | Bennett, Grassley, Harkin, Hatch, Landrieu |
| AP,A | UH-60 MEDEVAC Thermal Imaging Upgrades | 1,600,000 | Capps, Hooley | Smith, Wyden |
| AP,A | UH-60A Rewiring Program | 5,000,000 | Granger | |
| AP,A | Vibration Management Enhancement Program | 800,000 | | Graham |
| AP,A | Vibration Management Enhancement Program | 2,500,000 | | Feinstein |
| AP,A | Vibration Management Enhancement Program (Note: For SC ARNG) | 2,000,000 | Clyburn | |
| AP,AF | C-130 Active Noise Cancellation System (ANCS) | 1,600,000 | Tiahrt | |
| AP,AF | Civil Air Patrol | 5,000,000 | Tiahrt | Roberts |
| AP,AF | F-15 Improved Radio Communications (ARC 210) | 2,400,000 | | Harkin, Hatch, Grassley, Landrieu, Smith, Wyden |
| AP,AF | F-15C/D MSOGS Retrofit | 5,000,000 | | Grassley, Harkin |
| AP,AF | F-16C Fire Control Computers for the 114th Fighter Wing | 1,440,000 | Herseth Sandlin | Johnson, Thune |
| AP,AF | Large Aircraft Infrared Countermeasure for MC-130P aircraft | 3,200,000 | | Martinez |
| AP,AF | RC-26B Modernization | 7,200,000 | Granger, Bishop (GA), Lampson, Rogers (AL) | Bingaman, Murray, Nelson (FL), Shelby |
| AP,AF | Scathe View for NV ANG | 400,000 | Berkley, Porter | Reid |
| AP,AF | SENIOR SCOUT Beyond Line-of-Sight SATCOM Data Link | 7,000,000 | Cannon | Bennett, Hatch |
| AP,AF | Smart Bomb Rack Unit (S-BRU) Upgrade | 1,600,000 | Herseth Sandlin | Johnson, Thune |
| AP,AF | USAF Senior Scout Digital Rio Raton ELINT System | 800,000 | Hobson | |
| AP,N | AAR-47 Missile Advanced Warning System | 4,000,000 | Young (FL) | Nelson (FL) |
| AP,N | Advanced Helicopter Emergency Egress Lighting System | 1,600,000 | Alexander, Melancon | Landrieu, Vitter |
| AP,N | Advanced Skills Management (ASM) System | 1,200,000 | Dicks, Inslee | Cantwell, Murray |
| AP,N | AN/AVS-7 Day Heads-Up Display (DayHUD) | 5,000,000 | Granger | Bond |
| AP,N | C4ISR Operations and Training | 4,000,000 | Murtha | |
| AP,N | Common ECM Equipment (ALQ-214) | 2,800,000 | | Lugar |
| AP,N | Crane NSWC IDECM Depot Capability | 1,600,000 | Ellsworth | Bayh |
| AP,N | Direct Squadron Support Readiness Training Program | 3,200,000 | | Byrd |
| AP,N | F/A-18 Expand 4/5 Upgrade for USMC | 7,600,000 | Pickering | Cochran, Wicker |
| AP,N | Integrated Mechanical Diagnostics Health and Usage Management System and Condition Based Maintenance for the H-53E | 4,000,000 | | Burr, Johnson, Leahy, Thune |
| AP,N | Network Centric Collaborative Targeting (NCCT) for P-3C Aircraft | 3,200,000 | Granger | |
| CHEM DEMIL | Blue Grass Chemical Agent Destruction Pilot Plant | 20,000,000 | | McConnell |
| DHP | AFIP/Joint Pathology Center (JPC) Records Digitization and Repository Modernization | 20,000,000 | | Byrd |
| DHP | Cancer Immunotherapy and Cell Therapy Initiative (Note: Department of Defense Military Health System Enhancement) | 1,600,000 | McGovern, Olver | |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| DHP | Comprehensive Clinical Phenotyping and Genetic Mapping for the Discovery of Autism Susceptibility Genes (Note: Within Military Dependents Populations) | 1,600,000 | Pryce | |
| DHP | Copper Antimicrobial Research Program | 1,600,000 | Arcuri, Costello, Higgins, Loebsack, Murphy (CT) | Casey, Dodd, Durbin, Grassley, Harkin, Lieberman, Schumer |
| DHP | Customized Nursing Programs | 800,000 | Bishop (GA) | |
| DHP | Dedicated Breast MRI System for WRAMC/WRNNMC | 1,600,000 | Tierney | Kennedy |
| DHP | Department of Defense Brain Injury Rescue and Rehabilitation Project (BIRR) | 1,200,000 | Alexander, Melancon | |
| DHP | Digital Accessible Personal Health Electronic Record | 800,000 | | Harkin |
| DHP | DoD/VA Blind Rehabilitation and Training Pilot | 800,000 | Jefferson | Landrieu, Salazar |
| DHP | Enhanced Medical Situational Awareness | 2,400,000 | | Kohl |
| DHP | Epidemiologic Health Survey at the Iowa Army Ammunition Plant | 800,000 | Loebsack | Harkin |
| DHP | Fort Drum Regional Health Planning Organization | 640,000 | McHugh | |
| DHP | Hawaii Federal Health Care Network | 23,000,000 | | Inouye |
| DHP | Health Research and Disparities Eradication Program | 6,500,000 | Clyburn | |
| DHP | Health Technology Integration for Clinical, Patient Records and Financial Management Related to the Military | 400,000 | Lowey | |
| DHP | Identifying Health Barriers for Military Recruits | 3,000,000 | Clyburn | |
| DHP | Integrated Patient Electronic Records System for Application to Defense Information Technology | 1,200,000 | Lee | |
| DHP | Integrated Translational Prostate Disease Research at Walter Reed | 4,000,000 | | Stevens |
| DHP | Lung Injury Management Program | 1,200,000 | Meeks | Corker |
| DHP | Madigan Army Medical Center Digital Pen | 200,000 | Smith (WA) | |
| DHP | Madigan Army Medical Center Trauma Assistance Center | 1,600,000 | Dicks, Smith (WA) | Murray |
| DHP | Management of the Wounded Soldier from Air Evacuation to Rehabilitation | 2,500,000 | Berkley | Reid |
| DHP | Microencapsulation and Vaccine Delivery | 800,000 | Edwards (TX) | |
| DHP | Military Physician Combat Medical Training | 1,000,000 | Brown (FL) | Martinez |
| DHP | Military Trauma Training Program | 800,000 | Ruppersberger | |
| DHP | Mobile Diabetes Management | 1,600,000 | Ruppersberger, Sarbanes | Cardin |
| DHP | Neuregulin Research | 1,520,000 | Bishop (GA), Lewis (GA), Scott (GA) | Isakson |
| DHP | Neuroscience Clinical Gene Therapy Center (OSUMC) | 800,000 | Pryce | |
| DHP | Operating Room of the Future for Application to Mobile Army Surgical Hospital Improvements | 2,400,000 | Roybal-Allard | |
| DHP | Pacific Based Joint Information Technology Center (JITC) | 4,800,000 | | Inouye |
| DHP | Pediatric Health Information System for Medical Charting and Research Related to Military Health Care | 400,000 | Lowey | |
| DHP | Pediatric Medication Administration Product and Training | 800,000 | LaHood | |
| DHP | Pharmacological Countermeasures to Ionizing Radiation | 800,000 | Ramstad | Coleman |
| DHP | Proton Therapy | 4,800,000 | Foster, Davis (IL) | Durbin |
| DHP | Pseudofolliculitis Barbae (PFB) Topical Treatment | 800,000 | | Bond |
| DHP | Research to Improve Emotional Health and Quality of Life of Servicemembers with Disabilities | 2,400,000 | Castor | |
| DHP | Reservist Medical Simulation Training Program | 800,000 | Hobson | |
| DHP | Security Solutions from Life in Extreme Environments Center | 1,200,000 | Cummings, Sarbanes | Crapo |
| DHP | Severe Disorders of Consciousness (IBRF) (Note: Department of Defense Health System Enhancement) | 6,400,000 | Crowley, Pascrell | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| DHP | Stress Disorders Research Initiative at Fort Hood | 1,600,000 | Edwards (TX) | |
| DHP | Theater Enterprise Wide Logistics System (TEWLS) | 2,000,000 | Sestak | Casey, Specter |
| DHP | Vanadium Safety Readiness | 1,600,000 | Paul, English, Murphy (CT), Space | Brown, Casey, Dodd, Lieberman, Lincoln, Pryor |
| DHP | Web-based Teaching Programs for Military Social Work | 3,200,000 | Roybal-Allard | |
| DHP | Wide Angle Virtual Environment for USHUS | 4,000,000 | Van Hollen | |
| DPA | ALON and Spinel Optical Ceramics | 4,000,000 | Bono Mack, Higgins, Tierney | Feinstein, Kerry |
| DPA | Armor and Structures Transformation Initiative—Steel to Titanium | 3,200,000 | Murtha | |
| DPA | Automated Composite Technologies and Manufacturing Center | 5,000,000 | Bishop (UT), Cannon | Bennett, Hatch |
| DPA | Carbon Foam Program | 9,600,000 | | Byrd |
| DPA | Domestic Production of Transparent Polycrystalline Laser Gain Materials | 5,200,000 | Bilirakis, Brown-Waite, Altmire, Dingell | Casey, Levin |
| DPA | Extremely Large, Domestic Expendable and Reusable Structures Manufacturing Center (ELDERS) | 8,000,000 | Cramer | Cochran, Shelby, Wicker |
| DPA | High Homogeneity Optical Glass | 3,200,000 | | Specter |
| DPA | High Performance Thermal Battery Infrastructure Project | 3,000,000 | Young (FL) | |
| DPA | Hybrid Plastics and POSS Nanotechnology Engineering Scale-Up Initiative | 3,000,000 | | Cochran, Wicker |
| DPA | Lightweight Small Caliber Ammunition Production Initiative | 4,200,000 | | Cochran, Wicker |
| DPA | Low Cost Military Global Positioning System (GPS) Receiver | 4,000,000 | Braley, Loebsack, Boswell | Grassley, Harkin |
| DPA | Military Lens Fabrication and Assembly | 2,400,000 | Murtha | Specter |
| DPA | Production of Miniature Compressors for Electronics and Personal Cooling | 1,000,000 | Rogers (KY) | |
| DPA | Reactive Plastic CO2 Absorbent Production Capacity | 1,600,000 | | Biden, Carper |
| DPA | Read Out Integrated Circuit Manufacturing Improvement | 1,600,000 | Simpson | Craig, Crapo |
| DPA | Silicon Carbide Armor Manufacture Initiative | 2,000,000 | | Bunning |
| DPA | Titanium Metal Matrix Composite and Nano Enhanced Titanium Development | 3,200,000 | | Byrd |
| DRUGS | Alaska National Guard Counter Drug Program | 3,000,000 | | Stevens |
| DRUGS | Appalachia High Intensity Drug Trafficking Area—Tennessee National Guard | 4,000,000 | Tanner | Corker, Alexander |
| DRUGS | Hawaii National Guard Counterdrug | 3,000,000 | | Inouye |
| DRUGS | Indiana National Guard Counter Drug Program | 800,000 | Visclosky | |
| DRUGS | Kentucky National Guard Counterdrug Program | 3,600,000 | Rogers (KY) | McConnell |
| DRUGS | Midwest Counterdrug Training Center | 5,000,000 | | Grassley, Harkin |
| DRUGS | Multi-Jurisdictional Counter-Drug Program | 3,000,000 | Young (FL) | |
| DRUGS | Nevada National Guard Counter Drug Funding Initiative | 3,500,000 | Berkley | Reid |
| DRUGS | New Mexico National Guard Counterdrug Support Program | 3,200,000 | Udall (NM) | Bingaman, Domenici |
| DRUGS | Northeast Counterdrug Training Center (NCTC) | 3,000,000 | Cummings | Cardin, Specter |
| DRUGS | Regional Counter Drug Training Academy, Meridian | 2,500,000 | Pickering | Cochran |
| DRUGS | Southwest Border Fence | 1,600,000 | Hunter | |
| DRUGS | West Virginia Counter-drug Program | 800,000 | | Byrd |
| GP | Helmets to Hardhats | 3,000,000 | Ryan (OH) | Clinton |
| GP | Joint Venture Education Program | 5,500,000 | | Inouye |
| GP | Presidio Heritage Center | 1,750,000 | Pelosi | |
| GP | Project SOAR | 4,750,000 | Pelosi, Braley | Grassley, Harkin |
| GP | Special Olympics International | 3,000,000 | | Craig, Harkin |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| GP | STEM Education Research Center | 5,000,000 | LaHood | |
| GP | USS Missouri | 9,900,000 | | Inouye |
| GP | Waterbury Industrial Commons Redevelopment Project | 15,000,000 | Murphy (CT) | Lieberman |
| ICMA | Language Mentorship Program Incorporating an Electronic Portfolio | 800,000 | Boswell | |
| ICMA | National Drug Intelligence Center | 24,500,000 | Murtha | |
| INTEL | Biometric Research | 2,000,000 | | Rockefeller |
| INTEL | Intelligence Community Academic Outreach | 1,600,000 | | Hatch |
| INTEL | Intelligence Training Program | 200,000 | | Rockefeller |
| INTEL | Littoral Net Centric Operations | 2,400,000 | | Rockefeller |
| INTEL | National Media Exploitation Center | 9,000,000 | | Rockefeller |
| MILPERS,ANG | Crypto-Linguist/Intelligence Officer Initiative | 2,720,000 | | Hagel, Nelson (NE) |
| MILPERS,ANG | Joint Interagency Training and Education Center | 650,000 | | Byrd |
| MILPERS,ANG | WMD Civil Support Team for Florida | 400,000 | Young (FL) | |
| MILPERS,ANG | WMD Civil Support Team for New York State | 304,000 | Fossella, Bishop (NY), Clarke, Gillibrand, Hall (NY), King (NY), Maloney, McCarthy (NY) | |
| MILPERS,ARNG | Joint Interagency Training and Education Center | 3,600,000 | | Byrd |
| MILPERS,ARNG | WMD Civil Support Team for Florida | 1,200,000 | Young (FL) | |
| MILPERS,ARNG | WMD Civil Support Team for New York State | 1,627,000 | Fossella, Bishop (NY), Clarke, Gillibrand, Hall (NY), King (NY), Maloney, McCarthy (NY) | |
| MP,A | PATRIOT Tactical Command Station (TCS) / Battery Command Post (BCP) | 2,400,000 | | Sessions, Shelby |
| NDSF | RRF Training Ship Upgrades | 10,000,000 | Delahunt, Olver, Shays, Tsongas | Kennedy, Kerry |
| OM,A | 49th Missile Defense Battalion Infrastructure and Security Upgrades | 2,200,000 | | Stevens |
| OM,A | Air Battle Captain | 1,600,000 | Pomeroy | Conrad, Dorgan |
| OM,A | Air-Supported Temper Tent | 5,000,000 | Rogers (KY) | |
| OM,A | Army Battery Management Program Utilizing Pulse Technology Project | 800,000 | Sessions | |
| OM,A | Army Command and General Staff College Leadership Training | 1,600,000 | Boyda | |
| OM,A | Army Condition-Based Maintenance | 2,400,000 | | Feinstein |
| OM,A | Army Conservation and Ecosystem Management | 4,000,000 | | Inouye |
| OM,A | Army Force Generation Synchronization Tool (AST) | 2,000,000 | Dent, Dingell | Specter, Stabenow |
| OM,A | Army Manufacturing Technical Assistance Production Program (MTAPP) | 1,600,000 | Miller (MI), Markey | |
| OM,A | Army/Marine Corps Interoperability at Echelons above the Brigade | 2,400,000 | Rahall | |
| OM,A | Biometrics Operations Directorate Transition | 2,000,000 | | Byrd |
| OM,A | Common Logistics Operating Environment (CLOE) System | 1,200,000 | Moran (VA) | |
| OM,A | Electronic Records Management Pilot Program | 1,200,000 | Capito | Casey, Lieberman |
| OM,A | Family Support for the 1/25th and 4/25th | 4,000,000 | | Stevens |
| OM,A | Fort Hood Training Lands Restoration and Maintenance | 2,800,000 | Carter, Edwards (TX) | |
| OM,A | Human Resource Command Training | 2,000,000 | | Bunning |
| OM,A | Joint National Training Capability—Red Flag/ Northern Edge Training Range Enhancements | 14,700,000 | | Stevens |
| OM,A/GP | Ladd Field Paving | 2,500,000 | | Stevens |
| OM,A | Lightweight Ballistic Maxillofacial Protection System | 3,500,000 | | Craig, Crapo, Nelson (FL) |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OM,A | Light-weight Tactical Utility Vehicles | 3,200,000 | Petri, McIntyre | |
| OM,A | M24 Sniper Weapons System Upgrade | 3,200,000 | Arcuri | Schumer |
| OM,A | Modular Command Post Tent | 3,000,000 | Rogers (KY) | |
| OM,A | Nanotechnology Corrosion Support | 800,000 | Rahall | |
| OM,A | Net Centric Decision Support Environment Sense and Respond Logistics | 3,200,000 | Bishop (GA) | |
| OM,A | Operational/Technical Training Validation Testbed | 2,400,000 | Reyes | |
| OM,A | Rock Island Arsenal, Building #299 Roof Removal and Replacement, Phase III | 5,000,000 | Braley, Hare | Durbin, Grassley, Harkin |
| OM,A | Roof Removal and Replacement at Fort Stewart, GA | 2,160,000 | Kingston | |
| OM,A | Sawfly Laser Protective Lenses | 3,000,000 | | Leahy |
| OM,A | Soldier Barracks Roof Removal and Replacement at Fort Knox, Kentucky | 2,320,000 | Lewis (KY) | Bunning |
| OM,A | Stryker Situation Awareness Soldier Protection Package | 2,000,000 | Smith (WA) | |
| OM,A | Subterranean Infrastructure Security Demonstration Program | 1,600,000 | Kaptur | |
| OM,A | Training Area Restoration | 5,500,000 | | Stevens |
| OM,A | TranSim Driver's Training at Fort Stewart | 4,000,000 | Kingston | |
| OM,A | TranSim Driver's Training Program | 1,200,000 | Matheson, Bishop (UT) | |
| OM,A | Tricon and Quadcon Shipping Containers | 1,200,000 | Brown (SC) | Graham |
| OM,A | UAS Center of Excellence | 2,400,000 | | Sessions |
| OM,A | UH-60 Leak Proof Transmission Drip Pans | 2,000,000 | Rogers (KY) | |
| OM,A | United States Army Sergeants Major Academy Lecture Center Audio-Visual expansion and upgrade | 520,000 | Reyes | |
| OM,A | US Army Alaska Bandwidth Shortfalls | 3,000,000 | | Stevens |
| OM,A | US Army Alaska Critical Communications Infrastructure | 1,300,000 | | Stevens |
| OM,A | WMD Civil Support Team for Florida | 300,000 | Young (FL) | |
| OM,AF | 11th Air Force Consolidated Command Center | 10,000,000 | | Stevens |
| OM,AF | 11th Air Force Critical Communications Infrastructure | 3,200,000 | | Stevens |
| OM,AF | Advanced Ultrasonic Inspection of Aging Aircraft Structures | 1,250,000 | Cole | Inhofe |
| OM,AF | Aircrew Life Support Equipment RFID Initiative | 800,000 | Costello | Durbin |
| OM,AF | Alaska Civil Air Patrol Strategic Upgrades and Training | 800,000 | Young (AK) | Stevens |
| OM,AF | Alaska Land Mobile Radio | 2,900,000 | | Stevens |
| OM,AF | Alaskan NORAD Region Communications Survivability and Diversity | 3,800,000 | | Stevens |
| OM,AF | ANG Munitions Security Fence | 800,000 | Eshoo | |
| OM,AF | Barry M. Goldwater Range Upgrades | 800,000 | Pastor, Grijalva | |
| OM,AF | Brown Tree Snake Control and Invasive Species Management at Andersen Air Force Base, Guam | 400,000 | Bordallo | |
| OM,AF | C-17 Assault Landing Zone | 16,000,000 | | Stevens |
| OM,AF | Center for Space and Defense Studies | 600,000 | | Allard |
| OM,AF | Civil Air Patrol | 1,360,000 | | Bennett, Biden, Brownback, Byrd, Cardin, Carper, Harkin, Hatch, Snowe |
| OM,AF | Combined Mishap Reduction System | 1,600,000 | Frank | Kennedy, Kerry, Reed |
| OM,AF | Defense Critical Languages and Cultures Initiative—Angelo State University | 2,400,000 | | Hutchison |
| OM,AF | Demonstration Project for Contractors Employing Persons with Disabilities | 2,400,000 | Tiahrt | |
| OM,AF | Department of Defense Wage Issues Modification for USFORAZORES Portuguese National Employees | 240,000 | Frank | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OM,AF | Diversity Recruitment for Air Force Academy | 440,000 | Becerra | |
| OM,AF | Eielson Air Force Base Coal-to-Liquid Initiative | 5,000,000 | | Stevens |
| OM,AF | Eielson Utilidors | 9,000,000 | | Stevens |
| OM,AF | Electrical Distribution Upgrade at Hickam | 8,500,000 | | Akaka, Inouye |
| OM,AF | Engine Health Management Plus Data Repository Center | 3,000,000 | Murtha | |
| OM,AF | Engineering Training and Knowledge Preservation System | 1,600,000 | Davis (KY) | |
| OM,AF | Expert Knowledge Transfer | 1,600,000 | Gonzalez | |
| OM,AF | Joint National Training Capability—Red Flag/ Northern Edge Training Range Enhancements | 8,600,000 | | Stevens |
| OM,AF | Joint National Training Capability-Red Flag/ Northern Edge Pacific Alaska Range Complex Environmental Assessment | 3,300,000 | | Stevens |
| OM,AF | Land Mobile Radios (LMR) | 1,600,000 | | Reid |
| OM,AF | MacDill AFB Online Technology Program | 1,600,000 | Castor | |
| OM,AF | Military Legal Assistance Clinic | 800,000 | | Brown |
| OM,AF | Military Medical Training and Disaster Response Program for Luke Air Force Base | 1,600,000 | Mitchell | |
| OM,AF | Minority Aviation Training | 3,200,000 | Meek | |
| OM,AF | Mission Critical Power System Reliability Surveys | 1,200,000 | Davis (CA), Price (NC) | Shelby, Specter, Voinovich |
| OM,AF | National Center for Integrated Civilian-Military Domestic Disaster (Yale New Haven Health Systems) | 3,200,000 | DeLauro | |
| OM,AF | National Security Space Institute | 2,800,000 | | Allard |
| OM,AF | Online Technology Training Program at Nellis Air Force Base | 2,000,000 | Porter | |
| OM,AF | Program to Increase Minority Contracting in Defense (PIMCID) | 5,600,000 | Fattah | |
| OM,AF | Revitalize Buckley AFB Small Arms Training Range | 784,000 | | Salazar |
| OM,AF | USAF Engine Trailer Life Extension Program | 2,400,000 | | Reid |
| OM,AFR | 931st ARG Manning | 4,000,000 | Tiahrt | |
| OM,ANG | 129th Air Rescue Wing Security Towers | 200,000 | Eshoo | |
| OM,ANG | Active Noise Reduction Headsets | 800,000 | Blumenauer, DeFazio, Hooley, Wu | Smith, Wyden |
| OM,ANG | Atlantic Thunder Quarterly Joint Training Events at the Air National Guard Savannah Combat Readiness Training Center | 400,000 | Kingston | |
| OM,ANG | Controlled Humidity Protection (CHP) | 1,600,000 | Clyburn | Graham |
| OM,ANG | Crypto-Linguist/Intelligence Officer Initiative | 640,000 | | Hagel, Nelson (NE) |
| OM,ANG | DART (DCGS Analysis and Reporting Team) | 2,400,000 | | Voinovich |
| OM,ANG | Joint Interagency Training and Education Center | 150,000 | | Byrd |
| OM,ANG | MBU 20/P Oxygen Mask with Mask Light | 800,000 | Dreier | |
| OM,ANG | National Guard and First Responder Resiliency Training | 1,200,000 | | Brownback |
| OM,ANG | Scathe View | 400,000 | | Reid |
| OM,ANG | Smoky Hill Range Access Road Improvements | 1,600,000 | Moran (KS) | |
| OM,ANG | Smoky Hill Range Equipment | 1,600,000 | Moran (KS) | Brownback |
| OM,ANG | Squadron Operations Facility Repair—Phase I | 2,200,000 | | Brownback |
| OM,ANG | UAV Technology Evaluation Program | 3,000,000 | | Brownback |
| OM,ANG | Unmanned Aerial System Mission Planning | 400,000 | | Brownback |
| OM,ANG | Vehicle Fuel Catalyst Retrofit | 800,000 | Shays | |
| OM,ANG | Weapons Vaults Upgrade | 200,000 | Eshoo | |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OM,AR | Aviation Support Facilities Expansion Program, Clearwater, FL | 1,600,000 | Young (FL) | |
| OM,ARNG | 2nd Generation Extended Cold Weather Clothing System (ECWCS) | 3,200,000 | Castle | Biden, Carper, Mikulski, Reed |
| OM,ARNG | Advanced Law Enforcement Rapid Response Training (ALERRT) | 1,600,000 | Doggett | |
| OM,ARNG | Advanced Starting Systems | 400,000 | Lewis (CA) | |
| OM,ARNG | Advanced Trauma Training Course for the Illinois Army National Guard | 2,400,000 | LaHood, Davis (IL) | |
| OM,ARNG | Army National Guard Battery Modernization Program | 2,400,000 | | Bond |
| OM,ARNG | Border Joint Operations Emergency Preparedness Center | 1,200,000 | Cuellar | |
| OM,ARNG | Colorado National Guard Reintegration Program | 1,000,000 | | Salazar |
| OM,ARNG | Columbia Regional Geospatial Service Center System | 4,000,000 | | Hutchison |
| OM,ARNG | Emergency Satellite Communications Packages (JISCC) | 2,800,000 | Granger | Cornyn |
| OM,ARNG | Expandable Light Air Mobility Shelters (ELAMS) and Contingency Response Communications System (CRCS) | 4,000,000 | | Durbin, Stabenow |
| OM,ARNG | Exportable Combat Training Capability | 3,500,000 | Clyburn | |
| OM,ARNG | Family Assistance Centers | 1,600,000 | Shuler, Hayes, McIntyre, Miller (NC), Price (NC), Watt | |
| OM,ARNG | Family Support Regional Training Pilot Program | 1,520,000 | | Gregg, Sununu |
| OM,ARNG | Homeland Operations Planning System (HOPS) | 2,800,000 | Tauscher, McNerney | |
| OM,ARNG | Integrated Communications for Georgia National Guard Support for Civil Authorities | 1,600,000 | Kingston | Isakson |
| OM,ARNG | Jersey City Armory Dining Support Service Rehabilitation Project | 400,000 | Sires | |
| OM,ARNG | Joint Forces Orientation Distance Learning | 2,400,000 | Murtha | |
| OM,ARNG | Joint Interagency Training and Education Center | 5,600,000 | | Byrd |
| OM,ARNG | Minnesota Beyond Yellow Ribbon Reintegration Program | 2,000,000 | Ellison, McCollum, Oberstar, Peterson (MN), Ramstad, Walz | Coleman, Klobuchar |
| OM,ARNG | MK 19 Crew Served Weapons Systems Trainer (Engagement Skills Trainer 2000) | 328,000 | Granger | |
| OM,ARNG | Mobile Firearms Simulator and Facility Improvements | 800,000 | Cuellar | |
| OM,ARNG | National Guard CST/CERFP Sustainment Training and Evaluation Program (STEP) | 800,000 | Dicks, Hastings (WA) | Murray |
| OM,ARNG | National Guard Global Education Program | 400,000 | Rothman | Lautenberg, Menendez |
| OM,ARNG | Non-foam, Special Polymer Twin Hemisphere Pad Sets for Personnel Armor System for Ground Troops (PASGT) Helmet Retrofit Kits | 1,280,000 | Tancredo | Bayh |
| OM,ARNG | Pennsylvania National Guard Integration of the Joint CONUS Communications Support Environment (JCCSE) | 2,000,000 | | Casey |
| OM,ARNG | Rapid Data Management System (RDMS) | 5,000,000 | Shea-Porter | Collins, Gregg |
| OM,ARNG | Rescue Hooks/Strap Cutters | 800,000 | Hooley, Blumenauer, Wu | Smith, Wyden |
| OM,ARNG | Spray Technique Analysis and Research for Defense (STAR4D) | 1,760,000 | Braley | Grassley, Harkin |
| OM,ARNG | Vermont Army National Guard Mobile Back-Up Power | 800,000 | | Sanders |
| OM,ARNG | Vermont National Guard Readiness Equipment | 792,000 | Welch | |
| OM,ARNG | Vermont Service Member, Veteran, and Family Member Outreach, Readiness, and Reintegration Program | 3,200,000 | | Leahy, Sanders |
| OM,ARNG | Weapons Skills Trainer | 3,000,000 | Keller, Stearns, Brown (FL) | Nelson (FL) |
| OM,ARNG | WMD—Civil Support Team for Florida | 2,300,000 | Young (FL) | |
| OM,ARNG | WMD—Civil Support Team for New York | 1,024,000 | Fossella, Bishop (NY), Clarke, Gillibrand, Hall (NY), King (NY), Maloney, McCarthy (NY) | |
| OM,ARNG | Yellow Ribbon—Alaska National Guard | 500,000 | | Stevens |
| OM,DW | Aircraft Logging and Event Recording for Training and Safety (ALERTS) | 1,600,000 | Pomeroy | Conrad, Dorgan |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OM,DW | ALCOM Child Care Support for Deployed Forces | 2,000,000 | | Stevens |
| OM,DW | Camp Carroll Challenge Infrastructure Improvements | 3,000,000 | | Stevens |
| OM,DW | Clinic for Legal Assistance to Servicemembers | 400,000 | Moran (VA) | |
| OM,DW | Critical Language Training, SDSU | 1,600,000 | Filner, Davis (CA) | |
| OM,DW | Defense Critical Languages and Cultures Program at University of Montana | 1,600,000 | | Baucus, Tester |
| OM,DW | Delaware Valley Continuing Education Initiative for National Guard and Reserve | 800,000 | Schwartz; Gerlach; Murphy, Patrick | Lautenberg, Menendez, Specter |
| OM,DW | East Asian Security Studies Program | 800,000 | Sánchez, Linda | |
| OM,DW | Former MARCH AFB Building Demo -- NE Corner | 1,200,000 | Calvert | |
| OM,DW | Frankford Arsenal Environmental Assessment and Remediation | 1,600,000 | Schwartz | |
| OM,DW | Geospatial Intelligence Analysis Education | 1,000,000 | Lewis (CA) | |
| OM,DW | Hunters Point Naval Shipyard Remediation | 9,300,000 | Pelosi | Feinstein |
| OM,DW | Intermodal Marine Facility—Port of Anchorage | 10,000,000 | | Stevens |
| OM,DW | Joint Tanana Range Access | 60,000,000 | | Murkowski, Stevens |
| OM,DW | McClellan AFB Infrastructure Improvements | 2,400,000 | Matsui | Boxer |
| OM,DW | Middle East Regional Security Program | 2,800,000 | Berman | |
| OM,DW | Military Intelligence Service Historic Learning Center | 1,000,000 | Pelosi, Honda | Akaka |
| OM,DW | Norton AFB (New and Existing Infrastructure Improvements) | 4,800,000 | Lewis (CA) | |
| OM,DW | Phase II of Stabilization/Repair of MOTBY Ship Repair Facility | 6,800,000 | Sires | Lautenberg, Menendez |
| OM,DW | Phased Redeployment Study | 2,400,000 | | Kennedy |
| OM,DW | Restoration of Centerville Beach Naval Facility | 6,400,000 | Thompson (CA) | |
| OM,DW | SOCOM Enterprise-wide Data and Knowledge Management System | 800,000 | Young (FL) | |
| OM,DW | Soldier Center at Patriot Park, Ft. Benning | 4,800,000 | Bishop (GA) | |
| OM,DW | Special Operations Forces Modular Glove System | 800,000 | Dicks, Baird, McDermott | |
| OM,DW | Strategic Language Initiative | 1,600,000 | Royce, Lofgren, Richardson, Tauscher, Watson | Boxer |
| OM,DW | Thorium/Magnesium Excavation—Blue Island | 1,200,000 | Jackson | |
| OM,DW | Translation and Interpretation Skills for DoD | 1,600,000 | Farr | |
| OM,DW | Troops to Pilots Demonstration Project | 2,500,000 | | Stevens |
| OM,DW | Web-based Adaptive Diagnostic Assessment for Students (WADAS) | 2,000,000 | Visclosky | |
| OM,MC | Acclimate Flame Resistant High Performance Base Layers | 1,600,000 | Hayes | Dole |
| OM,MC | Advanced Load Bearing Equipment | 1,600,000 | | Reed |
| OM,MC | Cold Weather Layering System (CWLS) | 2,400,000 | Walberg, Hodes, Rogers (MI), Shea-Porter, Tsongas | Kennedy, Kerry, Stabenow |
| OM,MC | Combat Desert Jacket | 4,000,000 | Castle, Cummings | Biden, Carper, Mikulski |
| OM,MC | Lightweight Maintenance Enclosure | 1,200,000 | Davis, Lincoln | |
| OM,MC | Rapid Deployable Shelters (RDS) or Modular General Purpose Tent System (MGPTS) Type III | 1,600,000 | Hinchey | Schumer |
| OM,MC | Telecom Upgrade to MCBH | 3,600,000 | | Inouye |
| OM,MC | Ultra Lightweight Camouflage Net System (ULCANS) | 2,400,000 | Etheridge | Burr |
| OM,MC | US Marine Corps Installation Access Enterprise Solution Project | 800,000 | | Smith, Wyden |
| OM,N | Advanced Technical Information Supports System | 760,000 | Rahall | |
| OM,N | Brown Tree Snake Control and Interdiction on Guam | 840,000 | Hirono | |
| OM,N | Center for Defense Technology and Education for the Military Services | 5,600,000 | Farr | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OM,N | Continuing Education Distance Learning at Military Installations | 1,200,000 | Brown-Waite | |
| OM,N | CPI-Metamorphose/i3 Technical Data Conversion and Support | 2,400,000 | | Baucus |
| OM,N | Digitization, Integration, and Analyst Access of Investigative Files, Naval Criminal Investigative Services | 4,800,000 | | Byrd |
| OM,N | Diversity Recruitment for Naval Academy | 446,000 | Becerra | |
| OM,N | Energy Education Accreditation for Military Personnel | 400,000 | | Conrad, Dorgan |
| OM,N | Institute for Threat Reduction and Response FCCJ | 1,200,000 | Brown (FL) | |
| OM,N | Joint Electronic Warfare Training and Tactics Development | 2,000,000 | Larsen | Murray |
| OM,N | Mark 75 Maintenance Facility Support and Upgrade | 1,600,000 | Brady (PA), Sestak | Specter |
| OM,N | Mk 45 Mod 5 Gun Depot Overhauls | 9,000,000 | | McConnell |
| OM,N | Mobile Distance Learning for Military Personnel | 800,000 | Young (FL) | |
| OM,N | Modernization/Restoration of Naval Air Station Key West Facilities and Infrastructure | 4,800,000 | Ros-Lehtinen | |
| OM,N | Navy Shore Readiness Integration | 3,200,000 | Dicks | |
| OM,N | Partnership for the Maintenance of Trauma and Readiness Surgery Skills | 760,000 | Costa | |
| OM,N | Personnel Armor System for Ground Troops (PASGT) Helmet Retrofit Kits to Sustain Navy IPE Pool | 1,120,000 | Tancredo | Allard, Bond |
| OM,N | PMRF Flood Control | 2,500,000 | | Inouye |
| OM,N | Puget Sound Navy Museum | 1,280,000 | Dicks | |
| OM,N | SPAWAR Systems Center | 800,000 | | Landrieu, Vitter |
| OM,N | Sustainable Maintenance and Repair Technologies for Aircraft Composites | 800,000 | Crenshaw | |
| OM,N | U.S. Navy Mobile Condition Assessment System Pilot for Commander, Navy Region Mid-Atlantic (CNRMA) | 1,000,000 | Gerlach | |
| OM,N | Wireless Pierside Connection System | 1,600,000 | Crenshaw | |
| OP,A | 1/25th SIB Range (ATREP) | 7,000,000 | | Stevens |
| OP,A | Advanced Field Artillery Tactical Data Systems (AFATDS) | 1,600,000 | | Lincoln, Pryor |
| OP,A | Aircraft Landing System | 800,000 | | Klobuchar |
| OP,A | All Terrain Ultra Tactical Vehicles | 2,400,000 | Peterson (MN), Herseth Sandlin, Oberstar, Obey | Coleman, Harkin, Klobuchar |
| OP,A | AN/PSQ-23 Small Tactical Optical Rifle Mounted Micro-Laser Range Finder | 1,200,000 | | Gregg, Sununu |
| OP,A | AN/TSC-156 Phoenix TSST Mobile Satellite Communication Terminals (for Delaware Army National Guard) | 4,000,000 | Castle | Biden, Carper |
| OP,A | Army Aviation—Automatic Identification Technology Life Cycle Asset | 2,000,000 | | Shelby |
| OP,A | Army Field Artillery Tactical Data Systems Software for the Kentucky Army National Guard | 2,400,000 | Chandler | |
| OP,A | Ballistic Protection for Remote Forward Operating Bases | 1,600,000 | Allen, Michaud | Collins, Salazar, Snowe |
| OP,A | Battlefield Anti-Intrusion System (BAIS) | 2,400,000 | Saxton, Andrews, LoBiondo | |
| OP,A | Call For Fire Trainer (CFFT) for the Army National Guard | 3,200,000 | Holden | Casey |
| OP,A | Call For Fire Trainer II (CFFT II) / Joint Fires and Effects Trainer System | 4,500,000 | Cole | Inhofe |
| OP,A | Camp Ripley Minnesota Training Center Aircraft Rescue Fighter (AARF) Vehicles | 1,200,000 | Oberstar | Klobuchar |
| OP,A | Combat Arms Training Systems (FATS upgrade) | 1,600,000 | | Chambliss, Isakson |
| OP,A | Combat Skills Marksmanship Trainer for the Army National Guard | 4,000,000 | Kingston, Gingrey | |
| OP,A | Combat Skills Simulation Systems, Ohio Army National Guard | 3,720,000 | Space, Ryan (OH) | |
| OP,A | Combined Arms Virtual Trainer for the TN ARNG | 4,000,000 | | Corker |
| OP,A | Critical Army Systems Cyber Attack Technology (CASCAT) | 1,200,000 | Visclosky | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OP,A | Defense Advanced GPS Receiver (DAGR) | 2,000,000 | Loebsack, Boswell, Braley, King (IA) | Grassley, Harkin, Inhofe |
| OP,A | Deployable, Mobile Digital Target System for Armor and Infantry, TN ARNG | 450,000 | Tanner | Alexander |
| OP,A | Detonation Suppression System | 4,000,000 | | Landrieu, Vitter |
| OP,A | Embedded GPS Receivers for the North Carolina ARNG | 800,000 | | Dole |
| OP,A | Engagement Skill Trainer 2000 for TN ARNG | 800,000 | | Alexander |
| OP,A | Fido Explosive Detector | 3,000,000 | | Inhofe |
| OP,A | Fire Suppression Panels | 2,500,000 | | Brownback |
| OP,A | Flextrain Exportable Combat Training Capability (XCTC) | 800,000 | Whitfield, Boswell, Rodriguez, Thompson (CA) | Crapo |
| OP,A | Fuel Tank Passive Fire Suppression Mod Kit | 800,000 | Mitchell | |
| OP,A | Future Combat Support Hospital | 3,200,000 | Boozman | Lincoln, Pryor |
| OP,A | Future Medical Shelter System (FMSS) | 2,400,000 | Welch | Dodd, Lautenberg, Leahy, Lieberman, Menendez |
| OP,A | Ground Guidance for Army Movement Tracking System | 800,000 | | Coleman, Klobuchar |
| OP,A | HMMWV Restraint System Upgrades | 3,200,000 | Young (FL) | |
| OP,A | I-HITS for Montana Joint Training | 3,000,000 | | Baucus |
| OP,A | Immersive Group Simulation Virtual Training System for HI ARNG | 1,200,000 | | Akaka |
| OP,A | Information Technology Upgrades at the Detroit Arsenal | 2,000,000 | | Levin |
| OP,A | Instrumentation for Urban Assault Course—TN ARNG | 1,400,000 | Tanner | Alexander |
| OP,A | Interoperable Radios for Texas ARNG Disaster Response | 800,000 | Conaway | |
| OP,A | Joint Incident Scene Communication Capability | 2,000,000 | Conaway | |
| OP,A | Laser Collective Combat Advanced Training System | 3,200,000 | Ruppersberger | Reed |
| OP,A | Laser Marksmanship Training System (LMTS) | 3,200,000 | Kennedy | |
| OP,A | Life Support for Trauma and Transport (LSTAT) | 2,400,000 | Richardson, Reyes | |
| OP,A | Lightweight Maintenance Enclosure (LME) | 4,320,000 | Davis, Lincoln | Alexander |
| OP,A | Maritime Domain Awareness Sensors and Software | 2,400,000 | Murphy, Patrick | |
| OP,A | Minnesota Army National Guard Armory Emergency Response Generators | 704,000 | Walz, Oberstar, Peterson (MN) | Klobuchar |
| OP,A | Minnesota Helicopter Civil Band Radio Communication System | 1,300,000 | Walz, Oberstar, Peterson (MN) | Klobuchar |
| OP,A | Minnesota Satellite Multi-Modal Collabortive Crisis and Training Network | 2,224,000 | Oberstar, Peterson (MN), Walz | Coleman, Klobuchar |
| OP,A | Mobile Virtual Training Capability (MVTC) | 2,500,000 | Keller | |
| OP,A | MQ-5B Hunter UAV | 5,000,000 | Pickering | Cochran, Wicker |
| OP,A | Multi-Temperature Refrigerated Container System | 2,400,000 | Davis (KY) | |
| OP,A | Muscatatuck Urban Training Center (MUTC) Instrumentation | 2,400,000 | Ellsworth, Hill, Shuler | Bayh, Lugar |
| OP,A | New Combat Helmet | 2,400,000 | | Leahy |
| OP,A | Radio Personality Modules for SINCGARS Test Sets | 2,400,000 | Tiahrt | Roberts |
| OP,A | Remote Activation Munitions System (MI-RAMS) | 2,800,000 | Lewis (CA) | |
| OP,A | Retrofit 30th HBCT radios with Embedded SAAMS card | 800,000 | McIntyre, Hayes | |
| OP,A | Selective Availability Anti-Spoofing Module (SAASM) Precise Positioning Service (PPS) GPS | 1,600,000 | Souder, Gallegly | Bayh, Lugar |
| OP,A | SHERPA Interoperable Deployable Communications System | 2,000,000 | Melancon | |
| OP,A | Specialized Reconnaissance Assault Transport System (SRATS) | 6,000,000 | Hobson | |
| OP,A | Texas Army National Guard Future Soldier Trainer Program | 2,400,000 | Lampson | |
| OP,A | Virtual Interactive Combat Environment for NJ ARNG | 4,000,000 | Holt, Saxton | Lautenberg, Menendez |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OP,A | Warrior Block 0 Sensor Upgrade | 1,600,000 | McKeon | |
| OP,A | Wideband Imagery Dissemination System for the ARNG | 3,000,000 | | Cochran |
| OP,AF | Air Force Plant 4 (AFP 4) Physical Security Enhancements | 2,072,000 | Granger | |
| OP,AF | Alaskan NORAD Region Communications Survivability and Diversity | 700,000 | | Stevens |
| OP,AF | ANG-Combat Communications on the Move | 1,600,000 | Hunter | |
| OP,AF | Base Low-cost Integrated Surveillance System | 4,000,000 | | Conrad, Dorgan |
| OP,AF | Camp Ripley, Minnesota Aircraft Landing System | 760,000 | Oberstar | |
| OP,AF | Force Protection Surveillance System | 2,000,000 | Sanchez, Loretta | |
| OP,AF | Halvorsen Loader | 1,600,000 | Keller | Wicker |
| OP,AF | Hawaii ANG Eagle Vision One-Meter SAR and Communications Upgrades | 3,500,000 | Abercrombie | Akaka |
| OP,AF | Information Modernization for Processing with Advanced Coating Technologies (IMPACT) | 1,600,000 | Kingston, Marshall | |
| OP,AF | Joint National Training Capability-Red Flag/ Northern Edge Training Range Enhancements | 8,000,000 | | Stevens |
| OP,AF | Laser Marksmanship Training System (LMTS) | 2,400,000 | | Mikulski |
| OP,AF | Life Support Radio Test Sets for the Air National Guard | 1,000,000 | Tiahrt | Brownback |
| OP,AF | MacDill AFB Waterside Security System | 1,000,000 | Young (FL) | |
| OP,AF | Nanotechnology Equipment for Laboratories | 800,000 | | Salazar |
| OP,AF | NORAD and USNORTHCOM Interoperable Communications | 3,000,000 | | Salazar |
| OP,AF | Observations Systems for the 21st Century | 3,000,000 | McDermott | Murray |
| OP,AF | Revitalize Buckley AFB Small Arms Training Range | 816,000 | | Salazar |
| OP,AF | ROVER Combat Operations Support | 2,400,000 | Matheson, Bishop (UT) | Hatch |
| OP,AF | Science, Engineering, and Laboratory Data Integration (SELDI) | 800,000 | Bishop (UT) | Bennett, Hatch |
| OP,AF | Secure Network Infrastructure—Toledo ANG | 800,000 | Kaptur | |
| OP,AF | Tactical Air Control Extreme Shelter Program | 2,400,000 | Salazar | Bingaman, Domenici, Salazar |
| OP,AF | Unmanned Threat Emitter (UMTE) Modernization | 4,000,000 | Berkley, Higgins, Renzi | Reid, Schumer |
| OP,N | 66 foot Coastal Command Boat (CCB) | 5,000,000 | Dicks | Cantwell, Murray |
| OP,N | Advanced Ground Target Threat Simulators | 1,280,000 | Gallegly | |
| OP,N | Advanced Maintenance and Environmental Monitoring Technologies for Public Shipyards | 2,400,000 | Shea-Porter | |
| OP,N | Advanced Mission Extender Device Kits | 2,000,000 | | Leahy |
| OP,N | Aegis Land Based Test Site Upgrades | 4,000,000 | Miller, Gary | |
| OP,N | Airborne Laser Mine Detection System | 2,400,000 | Weldon | |
| OP,N | AN/SPQ-9B Surface Ship Radar | 4,300,000 | Ackerman, Bishop (NY), Israel, McCarthy (NY) | Schumer |
| OP,N | AN/WSN-7 Fiber Optic Gyro System Upgrades | 3,000,000 | Goode | Warner, Webb |
| OP,N | Canned Lube Pumps for LSD-41/49 Ships | 2,000,000 | Myrick, Hayes | Dole |
| OP,N | Communications Data Link System for Capital Ships | 1,600,000 | Hunter | |
| OP,N | Condition-Based Inspection Technologies for Propulsion Equipment | 800,000 | Walsh | |
| OP,N | CVN Propeller Replacement Program | 5,000,000 | Taylor | Cochran, Wicker |
| OP,N | Enhanced Detection Adjunct Processor | 3,200,000 | Kaptur | |
| OP,N | Gateway System | 4,800,000 | Mica | |
| OP,N | High Performance Computing Capability | 800,000 | Hunter | |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| OP,N | High Speed Aluminum Towable Boat Lifts | 4,000,000 | | Cantwell, Murray |
| OP,N | Integrated Voice Communications System for the SSN-688I | 3,000,000 | | Lautenberg, Menendez |
| OP,N | Jet Fuel (JP-5) Electric Valve Operators | 2,400,000 | King (NY), Bishop (NY), Israel, McCarthy (NY) | Schumer |
| OP,N | LSD Main Propulsion Diesel Engine Upgrade | 4,800,000 | | Kohl |
| OP,N | LSD-41/49 Diesel Engine Low Load Upgrade Kit | 1,600,000 | Baldwin | Kohl |
| OP,N | Man Overboard Identification (MOBI) System | 2,800,000 | Visclosky, Davis (CA) | Akaka, Bayh, Warner, Webb |
| OP,N | MCM-1 Class Combat System Upgrades/Acoustic Generators | 1,000,000 | Boyd | |
| OP,N | Multi Climate Protection System | 2,000,000 | Tsongas, Hodes, Olver, Rogers (MI), Shea-Porter, Walberg | Kennedy, Kerry, Stabenow |
| OP,N | NIROP Industrial Facilities Materials Staging Area | 3,200,000 | Mollohan | |
| OP,N | PHNSY Upgrades | 4,000,000 | | Inouye |
| OP,N | Remote Monitoring and Troubleshooting Project | 2,500,000 | | Shelby |
| OP,N | Shipboard Network Protection System | 1,600,000 | Moran (VA) | |
| OP,N | Standardized Metrics Assessment of Readiness Training | 3,500,000 | Kennedy | Reed |
| OP,N | Virtual Perimeter Monitoring System | 2,400,000 | | Mikulski |
| P,DW | Electronic Warfare Simulator | 2,400,000 | Holt | |
| P,DW | Expansion of the Mobile Forensic Laboratories and Forensic Technical Assistance and Training Support Center of Excellence | 3,200,000 | Young (FL) | |
| P,DW | Final-E-Curfew,Mid Range Radio Frequency Operations | 1,600,000 | Weldon | |
| P,DW | Joint Biological Standoff Detection System | 4,000,000 | | Shelby |
| P,DW | Joint Chemical Agent Detector | 4,000,000 | Bartlett, Herseth Sandlin, Ruppersberger | Mikulski |
| P,DW | LA-5/PEQ Integrated Small Arms Illuminator | 1,200,000 | | Gregg |
| P,DW | M53 Individual Protective Mask | 1,600,000 | | Levin |
| P,DW | Mission Helmet Recording System | 2,400,000 | | Gregg, Sununu |
| P,DW | MK47 Mod 0 Advanced Lightweight Grenade Launcher | 3,600,000 | | Collins, Snowe |
| P,DW | Multi-Band Multi-Mission Radio (MBMMR) | 1,600,000 | Souder, Castor, Young (FL) | |
| P,DW | Reactive Skin Decontamination Lotion | 3,280,000 | | Cochran |
| P,DW | Simple Imagery Access with FalconView | 400,000 | Moran (VA) | |
| P,DW | Small Arms Training Ranges | 2,000,000 | | Ensign, Reid |
| P,DW | SOF Combat Assault Rifle | 3,000,000 | | Graham |
| P,DW | SOVAS Hand Held Imager/Long Range | 2,400,000 | | Kennedy, Kerry |
| P,DW | SOVAS Handheld Imager/Pocket | 2,500,000 | | Gregg, Sununu |
| P,DW | Special Operations Craft-Riverine | 2,880,000 | Taylor | Cochran, Wicker |
| P,MC | 2kW MTG Diesel Generator Rapid Replenishment | 800,000 | Garrett, Pascrell, Rothman | Lautenberg, Menendez |
| P,MC | Combat Casualty Care Equipment Upgrade Program | 3,200,000 | Spratt, Barrett | Graham |
| P,MC | Combat Tactical Support Trailer | 2,200,000 | Murtha | |
| P,MC | IP Distribution Box and Category 5E Cable Upgrades for Improved Combat Operations Communications | 2,500,000 | Graves | Bond |
| P,MC | Nitrile Rubber Collapsible Storage Units | 1,200,000 | Taylor | Cochran |
| P,MC | On Board Vehicle Power Kits for MTVR | 10,000,000 | | Kohl |
| P,MC | Performance Enhancements for Information Assurance and Information Systems | 6,400,000 | | Cochran, Wicker |
| P,MC | Portable Armored Wall System for VCP | 800,000 | Sestak | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| P,MC | Sniper Training System (STS) | 3,600,000 | Maloney | |
| P,MC | Tactical Video Capture System | 3,200,000 | Lewis (CA) | |
| PA,A | 60mm Mortar, All Types | 1,600,000 | Ross | Lincoln, Pryor |
| PA,A | Ammunition Production Base Support (Scranton AAP)—Electrical Substations Upgrade | 1,920,000 | Kanjorski, Carney | Casey, Specter |
| PA,A | Cartridge, 105mm High Explosive Plastic-Tracer, M393A3 HEP-T | 1,200,000 | Radanovich | |
| PA,A | CTG, Arty, 155mm, All Types | 1,600,000 | Ross | Lincoln, Pryor |
| PA,A | CTG, Mortar, 120mm, All Types | 1,600,000 | Ross | Lincoln, Pryor |
| PA,A | Grenade Incendiary Thermite AN-M14 | 1,600,000 | Ross | |
| PA,A | Grenades, All Types | 4,000,000 | Ross | Lincoln, Pryor |
| PA,A | Holston Army Ammunition Plant Critical Reliability Enhancement | 1,600,000 | Davis, David | |
| PA,A | M769, Mortar, Full Range Practice Cartridge | 4,000,000 | Kanjorski | Specter |
| PA,A | Rapid Wall Breaching Kit (RWBK) | 3,200,000 | Whitfield, Rogers (KY) | McConnell |
| PA,A | Small Caliber Trace Charging Facilitization Program | 1,200,000 | Shimkus, Costello, LaHood | Brownback |
| PA,A | Supercritical Water Oxidation, Bluegrass Army Depot | 1,700,000 | | Bunning |
| PA,AF | McAlester Army Ammunition Plant Bomb Line Modernization | 1,600,000 | Boren | Inhofe |
| PA,AF | PGU-14 API Armor Piercing Incendiary, 30mm Ammunition | 2,400,000 | LaHood, Costello, Obey | |
| PANMC | Grenades, All Types | 1,600,000 | | Lincoln, Pryor |
| RDTE,A | National Center of Opthamology Training and Education at Wills Eye Center | 1,000,000 | Brady (PA) | |
| RDTE,A | 101st Airborne Injury Prevention & Performance Enhancement Research Initiative | 2,000,000 | | Alexander, Corker |
| RDTE,A | 21st Century Command, Control, and Communications Technology | 640,000 | Holt | |
| RDTE,A | 3D2 Advanced Battery Technology | 4,000,000 | LaHood | Durbin |
| RDTE,A | 5.56mm Aluminum Cartridge Case, Lake City Army Ammunition Plant | 1,000,000 | Graves | Bond, Crapo |
| RDTE,A | Academic Support and Research Compliance for Knowledge Gathering | 2,000,000 | | Roberts |
| RDTE,A | Accelerated Materials Development and Characterization | 2,500,000 | Herseth Sandlin | Johnson |
| RDTE,A | Accelerating Treatment for Trauma Wounds | 1,200,000 | Stearns, Crenshaw | Nelson (FL) |
| RDTE,A | Acid Alkallne Direct Methanol Fuel Cell Technology | 2,800,000 | McIntyre, Price (NC) | |
| RDTE,A | Adaptive Infrastructure for SOF Experimentation | 2,400,000 | Hoyer | |
| RDTE,A | Adaptive Lightweight Materials for Missile Defense | 1,600,000 | | Baucus, Tester |
| RDTE,A | Advance Stand off Technologies for National Security | 1,200,000 | Boyd | Nelson (FL) |
| RDTE,A | Advanced Cargo Projectile Technology | 1,200,000 | Hastings (WA) | |
| RDTE,A | Advanced Cavitation Power Technology | 4,400,000 | | Cochran |
| RDTE,A | Advanced Cluster Energetics | 3,200,000 | Frelinghuysen, Payne | Lautenberg, Menendez |
| RDTE,A | Advanced Commercial Technology Insertion for Aviation and Missile Research, Development, and Engineering | 2,400,000 | Everett | Shelby |
| RDTE,A | Advanced Communications ECM Demo | 1,600,000 | Holt | |
| RDTE,A | Advanced Composite Armor for Force Protection | 1,600,000 | Coble | |
| RDTE,A | Advanced Composites for Light Weight, Low Cost Transportation Systems using 3+ Ring Extruder | 2,400,000 | Stupak | |
| RDTE,A | Advanced Conductivity Program (ACP) | 3,500,000 | Young (FL) | |
| RDTE,A | Advanced Corrosion Protection for Military Vehicles | 2,400,000 | | Kohl |
| RDTE,A | Advanced Demining Technology | 5,900,000 | | Leahy |
| RDTE,A | Advanced Detection of Explosives (ADE) | 2,400,000 | Young (FL) | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Advanced Digital Hydraulic Hybrid Drive System | 2,000,000 | Upton, Ramstad | Coleman, Klobuchar, Levin, Stabenow |
| RDTE,A | Advanced Drivetrains for Enhanced Mobility and Safety | 1,600,000 | Upton, Walberg | Stabenow |
| RDTE,A | Advanced Electronics Rosebud Integration | 3,200,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,A | Advanced Energy Storage Development for Renewable Energy Generation | 1,200,000 | Schwartz | Casey |
| RDTE,A | Advanced Environmental Control Systems | 5,500,000 | | Reid |
| RDTE,A | Advanced Fuel Cell Research Program | 3,000,000 | Poe | Cornyn, Hutchison |
| RDTE,A | Advanced Functional Nanomaterials for Biological Processes | 2,000,000 | Snyder | Lincoln, Pryor |
| RDTE,A | Advanced Fuzing Technologies | 3,600,000 | Bartlett | Byrd |
| RDTE,A | Advanced Hybrid Electric Vehicle Technologies for Fuel Efficient Blast Protected Vehicles | 1,200,000 | | Graham |
| RDTE,A | Advanced Hypersonic Weapon Technology Demonstration | 2,400,000 | Everett, Aderholt | Shelby, Wicker |
| RDTE,A | Advanced IED Jammer Research and Development Program | 2,000,000 | Honda, Holt, Lofgren | |
| RDTE,A | Advanced Lightweight Gunner Protection Kit | 1,200,000 | Altmire | |
| RDTE,A | Advanced Lightweight Multi-Functional Multi-Threat Composite Armor Technology | 2,400,000 | Rangel | Schumer |
| RDTE,A | Advanced Lithium Iron Phosphate Battery System for Army Combat Hybrid HMMWV and Other Army Vehicle Platforms | 2,000,000 | Dingell | Levin, Stabenow |
| RDTE,A | Advanced Live, Virtual, and Constructive (LVC) Training Systems | 1,600,000 | Latham | Grassley, Harkin |
| RDTE,A | Advanced Lower Limb Prostheses for Battlefield Amputees | 1,600,000 | Markey, McGovern | Kennedy, Kerry |
| RDTE,A | Advanced Magnetic Nanosensors for Defense Applications | 4,800,000 | Fortenberry | Hagel, Nelson (NE) |
| RDTE,A | Advanced Manufacture of Lightweight Components | 2,400,000 | | Kohl |
| RDTE,A | Advanced Materials and Process For Armament Structures (AMPAS) | 2,400,000 | Regula, Sutton | Brown |
| RDTE,A | Advanced Medical Multi-Missions and CASEVAC Roles (Note: VTOL man rated UAG/UGV) | 800,000 | Harman | |
| RDTE,A | Advanced Medium Caliber Tungsten Penetrators | 1,600,000 | Murphy, Tim | |
| RDTE,A | Advanced Modeling Technology for Large Structure Titanium Machining Initiative | 800,000 | Ramstad | Coleman, Klobuchar, Stabenow |
| RDTE,A | Advanced Performance Transparent Armor for Tactical Wheeled Vehicles | 1,200,000 | Altmire | |
| RDTE,A | Advanced Portable Power Institute | 1,600,000 | Gordon | Corker |
| RDTE,A | Advanced Prototyping with Non-Traditional Suppliers | 3,200,000 | Rothman | Lautenberg, Menendez |
| RDTE,A | Advanced Radar Transceiver IC Development | 800,000 | Harman, Hayes | |
| RDTE,A | Advanced Rarefaction Weapon Engineered System | 2,400,000 | Kaptur | |
| RDTE,A | Advanced Regenerative Medicine Therapies for Combat Injuries | 3,000,000 | Doyle | Casey, Specter |
| RDTE,A | Advanced Restoration Therapies in Spinal Cord Injuries | 2,000,000 | Hoyer, Ruppersberger | Cardin, Mikulski |
| RDTE,A | Advanced Soldier Portable Power Systems Technologies | 1,600,000 | | Cochran, Wicker |
| RDTE,A | Advanced Strap Down Seeker | 5,000,000 | | Gregg, Sununu |
| RDTE,A | Advanced Surface Technologies for Prosthetic Development | 1,600,000 | | Baucus, Tester |
| RDTE,A | Advanced Tactical 2KW External Combustion Power Sources for Cogeneration Applications | 2,400,000 | Hastings (WA) | Cantwell, Murray |
| RDTE,A | Advanced Tactical Fuels for the U.S. Military | 4,000,000 | | Conrad, Dorgan |
| RDTE,A | Advanced Technologies, Energy and Manufacturing Science | 5,000,000 | Frelinghuysen | |
| RDTE,A | Advanced Thermal Management System | 2,400,000 | Stupak | Levin |
| RDTE,A | Advanced Thermal Processing of Packaged Combat Rations | 1,680,000 | Gingrey | Isakson |
| RDTE,A | Advanced UV Light Diode Sensor Development | 1,600,000 | Clyburn | Graham |
| RDTE,A | Advanced Wireless Technologies | 1,200,000 | Sestak | Casey, Schumer, Specter |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Aerial Canopy MASINT System | 1,600,000 | Rogers (KY) | |
| RDTE,A | Aerial Firefighting—Precision Container Aerial Delivery System (PCADS) | 2,320,000 | Rohrabacher | |
| RDTE,A | Affordable Light-Weight metal matrix composite armor | 1,600,000 | | Reid |
| RDTE,A | Air, Space and Missile Defense Architecture Analysis Program (A3P) | 1,200,000 | Aderholt, Rogers (AL) | Sessions |
| RDTE,A | Airborne Threats | 1,500,000 | | Stevens |
| RDTE,A | Aircraft Structural Condition Monitoring (ASCM) | 1,600,000 | Cramer | |
| RDTE,A | Alliance for NanoHealth (Note: Department of Defense Military Health Enhancement) | 3,200,000 | Culberson | |
| RDTE,A | ALQ-211 Networked EW Controller | 1,600,000 | Pascrell | Lautenberg, Menendez |
| RDTE,A | Alternative Power Technology for Missile Defense | 4,000,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,A | Angiogenesis and Tissue Engineering Research | 1,200,000 | Capuano | |
| RDTE,A | Antiballistic Windshield Armor | 3,600,000 | Donnelly, Clyburn | Bayh, Graham, Lugar |
| RDTE,A | Anti-Terror Medical Technology Program | 2,800,000 | Rothman, Pallone | Lautenberg, Menendez |
| RDTE,A | Applied Communications and Information Networking (ACIN) | 3,200,000 | Andrews, LoBiondo | Casey, Lautenberg, Menendez |
| RDTE,A | Applied Power Management Control and Integration | 800,000 | | Levin, Stabenow |
| RDTE,A | Arabic Language Training Program | 960,000 | | Brownback |
| RDTE,A | Armament Systems Engineering—ASEI2 | 3,200,000 | Frelinghuysen, Sires | |
| RDTE,A | Army Applications of Direct Carbon Fuel Cells | 800,000 | Regula | |
| RDTE,A | Army Aviation Weapon Technology | 800,000 | Aderholt, Rogers (AL) | Shelby |
| RDTE,A | Army Center of Excellence in Acoustics | 4,400,000 | | Cochran |
| RDTE,A | Army Missile and Space Technology Initiative | 1,600,000 | Sessions | |
| RDTE,A | Army Responsive Tactical Space (ARTS) | 2,400,000 | | Cochran |
| RDTE,A | Army Responsive Tactical Space System Exerciser (ARTSSE) | 2,000,000 | Aderholt, Cramer | Sessions, Shelby |
| RDTE,A | Asymmetric Threat Response and Analysis Program (ATRAP) | 2,400,000 | Giffords | |
| RDTE,A | Automated and Portable Field System for the Rapid Detection and Diagnosis of Diseases | 1,600,000 | Kuhl | |
| RDTE,A | Automated Communications Support System for Warfighters, Intelligence Community, Linguists, and Analysts | 1,600,000 | | Chambliss, Isakson |
| RDTE,A | Automated Language and Cultural Analysis for National Security | 2,000,000 | Hoyer, Cummings, Edwards (MD), Sarbanes, Van Hollen | Cardin, Mikulski |
| RDTE,A | Automatic Aim-Point Targeting Technology with Enhanced Imaging | 2,000,000 | Weiner | |
| RDTE,A | Autonomous Cargo Acquisition for Rotorcraft Unmanned Aerial Vehicles | 2,400,000 | Cramer, Aderholt | Shelby |
| RDTE,A | Auxiliary Power Unit (APU) for the Abrams M1/A2 Tank | 2,400,000 | Sarbanes, Bartlett, Ruppersberger | Cardin, Mikulski |
| RDTE,A | Ballistic Armor Research | 3,200,000 | Dent | Specter |
| RDTE,A | Ballistic Precision Aerial Delivery System (BPADS) | 1,000,000 | Larson, Taylor | Wicker |
| RDTE,A | Base Security Systems | 1,200,000 | Rogers (MI) | Stabenow |
| RDTE,A | Battlefield Asset Recovery Decontamination System (BARDS) | 1,600,000 | Clay | |
| RDTE,A | Battlefield Connectivity | 1,600,000 | Moran (VA) | |
| RDTE,A | Battlefield Exercise and Combat Related Spinal Cord Injury Research (Miami Project) | 800,000 | Brown-Waite | |
| RDTE,A | Battlefield Nursing Program | 1,600,000 | Cohen | |
| RDTE,A | Battlefield Plastic Biodiesel | 1,600,000 | King (IA), Boswell, Latham | Grassley, Harkin |
| RDTE,A | Battlefield Research Accelerating Virtual Environments for Military Individual Neuro Disorders (BRAVEMIND) | 800,000 | Harman | Boxer |
| RDTE,A | Battlefield Tracheal Intubation | 4,200,000 | | Nelson (NE) |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Battlefield Treatment of Hemorrhagic Shock | 800,000 | Cohen | |
| RDTE,A | Behavior and Neuroscience, Fuctional Magnetic Resonance Imaging Research Project | 800,000 | Herseth Sandlin | |
| RDTE,A | Beneficial Infrastructure for Rotorcraft Risk Reduction Demonstrations | 800,000 | Sestak | |
| RDTE,A | Bio-Battery | 800,000 | Cramer | |
| RDTE,A | Biodefense Tech Transfer Initiative (BTTI) (only for militarily relevant technology) | 1,500,000 | | Cardin, Mikulski |
| RDTE,A | Bioelectrics Research for Casualty Care and Management | 1,600,000 | Scott (VA) | Warner, Webb |
| RDTE,A | Biological Air Filtering System Technology | 1,600,000 | Berry | Lincoln, Pryor |
| RDTE,A | Biological and Immunological Infectious Agent and Cancer Vaccine Research | 800,000 | Capuano | |
| RDTE,A | Biomass-to-Liquid Using Synthetic Enzymes | 2,000,000 | Visclosky | Bingaman |
| RDTE,A | Biometrics DNA Applications | 1,600,000 | | Byrd |
| RDTE,A | Biosecurity for Soldier Food Safety | 1,600,000 | | Roberts |
| RDTE,A | Biosensor, Communicator and Controller System | 5,000,000 | | Reid |
| RDTE,A | Blast Damage Assessment Risk Analysis and Mitigation Application—Enhancements (BRAMA-E) | 800,000 | Young (AK) | |
| RDTE,A | Blood Safety and Decontamination Technology | 1,600,000 | DeLauro, McDermott | Coleman |
| RDTE,A | Blood, Medical & Food Safety Via Eco-Friendly Wireless Sensing | 1,000,000 | | Coleman, Klobuchar |
| RDTE,A | BLOS Network for MASINT Sensors | 800,000 | Moran (VA) | |
| RDTE,A | Border Security and Defense Systems Research | 1,600,000 | | Hutchison |
| RDTE,A | Boston University Photonics Center | 3,200,000 | Capuano | Kennedy, Kerry |
| RDTE,A | Brain Interventional-Surgical Hybrid Initiative | 1,600,000 | Wasserman Schultz | |
| RDTE,A | Brain, Biology, and Machine Applied Research | 1,600,000 | DeFazio, Hooley, Walden, Wu | Smith, Wyden |
| RDTE,A | Brownout Sensor Visualization and Hazard Avoidance System | 800,000 | Cramer, Aderholt | Shelby |
| RDTE,A | Brownout Situational Awareness Sensor | 1,600,000 | Hunter | |
| RDTE,A | Burn and Shock Trauma Institute | 2,000,000 | | Durbin |
| RDTE,A | C4ISR Auxiliary Power Unit (APU) for Soldier Tactical Applications | 1,600,000 | Sherman | |
| RDTE,A | CAMEL—Water transport system | 800,000 | | Bond |
| RDTE,A | Cancer Prevention Through Remote Biological Sensing | 1,600,000 | Bishop (NY) | Schumer |
| RDTE,A | Capability Expansion of Spinel Transparent Armor Manufacturing | 5,120,000 | Salazar | Allard, Salazar |
| RDTE,A | Carbon Nanotube Production | 1,200,000 | | Hutchison |
| RDTE,A | Cellular Therapy for Battlefield Wounds (Phase II) | 1,600,000 | Jones (OH) | |
| RDTE,A | Cellulose Nanocomposite Panels for Enhanced Blast and Ballistic Protection | 2,400,000 | Michaud, Allen | Collins, Snowe |
| RDTE,A | Center for Advanced Energy Storage Research and Technology | 1,600,000 | | Levin, Stabenow |
| RDTE,A | Center for Advanced Vehicle Technology and Fuel Development | 800,000 | | Levin |
| RDTE,A | Center for Aerospace Human Factors Research and Innovation | 800,000 | | Conrad, Dorgan |
| RDTE,A | Center for Borane Technology | 2,000,000 | | Bond |
| RDTE,A | Center for Education in Nanoscience and Nanotechnology | 640,000 | Braley | Grassley, Harkin |
| RDTE,A | Center for Information Assurance | 800,000 | Scott (VA) | Warner, Webb |
| RDTE,A | Center for Injury Biomechanics | 3,200,000 | Boucher, Goode, Moran (VA) | Warner, Webb |
| RDTE,A | Center for Integration of Medicine and Innovative Technology | 8,000,000 | Capuano, Lynch | Kennedy, Kerry |
| RDTE,A | Center for Nanoscale Bio-sensors as a Defense against Biological Threats to America | 800,000 | Boozman, Ross | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Center for Ophthalmic Innovation (Note: Department of Defense Military Health System Enhancement) | 2,400,000 | Diaz-Balart, Mario; Ros-Lehtinen | Nelson (FL) |
| RDTE,A | Center for Untethered Healthcare | 1,000,000 | McGovern | Kennedy, Kerry |
| RDTE,A | Center of Cardiac Surgery Robotic Computerized Telemanipulation (Note: as part of a Comprehensive Approach to Advanced Heart Care) | 1,600,000 | Brady (PA), Gerlach | |
| RDTE,A | Center of Excellence for Military Operations in Urban Terrain and Cultural Training | 3,000,000 | Crenshaw | Nelson (FL) |
| RDTE,A | Center of Excellence in Integrated Sensor Systems (CEISS) | 600,000 | Cramer | |
| RDTE,A | Center of Genetic Origins of Cancer (Note: Department of Defense Military Health System Enhancement) | 2,400,000 | Dingell | Stabenow |
| RDTE,A | Ceramic and Metal Matrix Composite (MMC) Armor Development using Ring Extruder Technology | 800,000 | Stupak | |
| RDTE,A | Ceramic Membrane Battery Systems | 1,200,000 | Schwartz | Casey, Specter |
| RDTE,A | CERDEC Airborne and Ground Wideband Digital Communications and Antenna Testbed | 1,600,000 | Smith (NJ) | |
| RDTE,A | CH-47 Chinook Helicopter: Accessory Gear Box (AGB) Improvement | 800,000 | Regula | Dodd, Lieberman, Voinovich |
| RDTE,A | CH-47 Integrated Vehicle Health Management System (IVHMS) | 3,200,000 | | Leahy |
| RDTE,A | Chemical and Biological Protective Hangars | 2,240,000 | Hulshof | |
| RDTE,A | Chemical and Biological Threat Protection Coating | 2,400,000 | Barrett | Graham |
| RDTE,A | Chronic Tinnitus Treatment Program | 1,000,000 | Dent | |
| RDTE,A | Clinical Looking Glass Project (Note: To Enhance the capabilities of Fort Drum, New York Military Health System) | 800,000 | Engel | |
| RDTE,A | Close Combat Missile Modernization (Javelin) | 3,700,000 | Brown (FL), Everett | Sessions, Shelby |
| RDTE,A | Cogeneration for Enhanced Cooling and Heating of Advanced Tactical Vehicles | 2,400,000 | | Kohl |
| RDTE,A | Co-Generation of Power and Air Conditioning | 800,000 | Shays | Dodd, Lieberman |
| RDTE,A | Cold Regions Test Center Distributed Test Coordination Cell | 1,500,000 | | Stevens |
| RDTE,A | Cold Springs Harbor Laboratory—Women's Cancer Genomics Center (Note: Department of Defense Military Health System Enhancement) | 2,800,000 | McCarthy (NY), Lowey | |
| RDTE,A | Columbia College Chicago Construct Program | 800,000 | | Durbin |
| RDTE,A | Combat Mental Health Initiative | 2,400,000 | Kaptur | |
| RDTE,A | Combat Stress Intervention Program (CSIP) | 2,400,000 | Murtha | |
| RDTE,A | Combat Vehicle Electrical Power-21st Century (CVEP-21) | 800,000 | | Bayh, Lugar |
| RDTE,A | Combat Wound Initiative at WRAMC | 1,600,000 | | Byrd, Reed |
| RDTE,A | Command and Control, Communications and Computers (C4) module | 1,200,000 | Young (AK) | |
| RDTE,A | Commercially Viable Si/C Power Semiconductors Using Superlattice Technology | 2,560,000 | Gillibrand, Maloney | Schumer |
| RDTE,A | Common Remote Stabilized Sensor System (CRS3) | 2,800,000 | Emerson | Bond |
| RDTE,A | Compact Eyesafe Tactical Laser | 1,200,000 | Grijalva | |
| RDTE,A | Compact MVCC Soldier Cooling System | 1,600,000 | Young (FL) | |
| RDTE,A | Compact Pulsed Power Initiative | 3,000,000 | Neugebauer, Conaway | Hutchison |
| RDTE,A | Compact, Day and Night CMOS Camera for Mini and Micro UAVs | 2,000,000 | Inslee | |
| RDTE,A | Complementary & Alternative Medicine Research for Military Operations & Healthcare | 5,000,000 | | Harkin |
| RDTE,A | Complete Molten Carbonate Fuel Cell Demonstrator—Parks Reserve Forces Training Area | 1,600,000 | McNerney | |
| RDTE,A | Composite Applied Research and Technology for FCS and Tactical Vehicle Survivability | 3,000,000 | Castle | Biden, Carper |
| RDTE,A | Composite Bottles for Survival Egress Air | 2,000,000 | | Crapo |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Composite Small Main Rotor Blades | 1,600,000 | Tiahrt | Brownback, Dodd |
| RDTE,A | Composite Structure Design | 1,600,000 | Johnson (GA) | |
| RDTE,A | Composite Tissue Allotransplantation Research and Clinical Program | 1,600,000 | Yarmuth | |
| RDTE,A | Condition Based Maintenance and Mission Assuredness for Ground Vehicles | 2,400,000 | Knollenberg | Isakson, Levin, Stabenow |
| RDTE,A | Consortium for Bone and Tissue Repair and Regeneration | 800,000 | Emerson | |
| RDTE,A | Constant Look Operational Support Environment (CLOSE) | 1,600,000 | Young (AK) | |
| RDTE,A | Control of Inflammation and Tissue Repair | 3,200,000 | Inslee, McDermott | Cantwell, Murray |
| RDTE,A | Control of Vector-Borne Diseases | 1,200,000 | Visclosky | |
| RDTE,A | Control System for Laser Powder Deposition | 500,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,A | Controlled Release of Anti-Inflammatory and tissue Repair Agents from Prothestic Devices and Burn Treatment | 6,000,000 | Blunt | |
| RDTE,A | Conversion of Municipal Solid Waste to Renewable Diesel Fuel | 1,600,000 | Rothman, Bartlett, Moran (VA), Payne | Bayh, Lautenberg, Menendez, Specter |
| RDTE,A | Copper Air Quality Program | 2,000,000 | Whitfield | Wicker, Lieberman |
| RDTE,A | Corneal Wound Repair | 5,400,000 | Blunt | |
| RDTE,A | Counter-IED Force Protection Program | 2,000,000 | Holt | |
| RDTE,A | C-RAM Armor Development | 800,000 | Moran (VA) | |
| RDTE,A | Crosshairs Hostile Fire Indicating System | 2,000,000 | | Cornyn |
| RDTE,A | Cutting Tools and Materials for Aerospace | 800,000 | Grijalva | |
| RDTE,A | Cyber Threat Analytics | 2,400,000 | Lewis (CA) | |
| RDTE,A | Defense Applications of Carbonate Fuel Cells | 1,600,000 | Larson | |
| RDTE,A | Defense Helicopter Power Dense Transmission | 1,280,000 | Barrow | Isakson |
| RDTE,A | Defense Materials Technology Center | 3,000,000 | Regula, Ryan (OH) | Brown |
| RDTE,A | Demonstration/Evaluation project at Travis Air Force Base, California, to develop a greenhouse gas inventory and footprint utilizing a web-based Environmental Management Information System (EMIS) | 400,000 | Tauscher | |
| RDTE,A | Depleted Uranium Sensing and Treatment for Removal (DUSTR) Program | 4,000,000 | | Cochran |
| RDTE,A | Deployable Space and Electronic Warfare Analysis Tools | 800,000 | Lamborn | Casey |
| RDTE,A | Detection Algorithms and Software for Force Protection | 1,600,000 | | Reed, Whitehouse |
| RDTE,A | Detection, Mitigation and Neutralization of High Explosive, Remotely Detonated Devices | 3,500,000 | | Bond |
| RDTE,A | Development of Drugs for Malaria and Leishmaniasis in US Military and Civilian Personnel | 3,400,000 | | Cochran |
| RDTE,A | Development of Enabling Chemical Technologies for Power from Green Sources | 1,200,000 | Olver | |
| RDTE,A | Development of Improved Lighter-Weight IED/EFP Armor Solutions | 1,000,000 | Tiahrt | Roberts |
| RDTE,A | Development of Truck Deployed Explosive Containment Vessel | 1,600,000 | | Reid |
| RDTE,A | Developmental Mission Integration | 4,000,000 | Frelinghuysen | |
| RDTE,A | Dielectrically Enhanced Sensor Systems (DESS) | 1,200,000 | | Cochran, Wicker |
| RDTE,A | Diminishing Manufacturing Sources and Material Shortages Case Resolution Program | 2,400,000 | Knollenberg, Miller (MI), Levin | Levin, Stabenow |
| RDTE,A | Direct Methanol Fuel Cell Battery Recharger Program | 2,400,000 | Visclosky | |
| RDTE,A | Direct Methanol Fuel Cell Development | 800,000 | Crenshaw | Martinez, Nelson (FL) |
| RDTE,A | Disposable Unit Dose Drug Pumps for Anesthesia and Antibiotics | 1,750,000 | Pelosi | |
| RDTE,A | D-NET: Electrically Charged Mesh (ECM) Defense Net Troop Protection System | 2,560,000 | Aderholt | |
| RDTE,A | DoD High Energy Laser Test Facility | 4,000,000 | | Bingaman, Domenici |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | DoD Hydrogen PEM Fuel Cell Medium/Heavy Duty Vehicle Demonstration Program | 1,600,000 | Larson | Lieberman |
| RDTE,A | DoD International Diabetes Research Initiative | 2,000,000 | Dicks | |
| RDTE,A | Domestic Production of Nanodiamond for Military Operations | 1,600,000 | Peterson (PA) | Casey |
| RDTE,A | Domestically Produced Atomized Magnesium for Defense | 800,000 | Kaptur | |
| RDTE,A | Drive System Composite Structural Component Risk Reduction Program | 2,400,000 | Brady (PA) | Casey, Specter |
| RDTE,A | Dual Stage Variable Energy Absorber | 2,400,000 | Murphy, Patrick | Specter |
| RDTE,A | Dugway Lidar and Modeling Improvements | 2,400,000 | Bishop (UT) | Bennett, Hatch |
| RDTE,A | Dynamically Managed Data Dissemination (DMDD) | 1,200,000 | Olver | |
| RDTE,A | Dynamometer Facility Upgrade Program at TARDEC | 3,200,000 | Dingell, Levin | Levin, Stabenow |
| RDTE,A | Effect Based Approach to Operations | 1,600,000 | | Bennett |
| RDTE,A | Electric Commodity Project | 800,000 | | Byrd |
| RDTE,A | Electro Conversion of Energetic Materials | 3,600,000 | | Enzi |
| RDTE,A | Electrofluidic Chromatophores for Adaptive Camouflage | 1,750,000 | Chabot | |
| RDTE,A | Electronic Combat and Counter Terrorism Threat Developments to Support Joint Forces | 3,760,000 | Kingston | Shelby |
| RDTE,A | Embedding Iris Recognition Technology On-board Warfighter Personal Equipment | 800,000 | Miller, George | Roberts |
| RDTE,A | End-to-End Vehicle Survivability Technology | 1,600,000 | Knollenberg | Stabenow |
| RDTE,A | Engineering Replacement Tissues | 1,600,000 | | Reed, Whitehouse |
| RDTE,A | Enhanced Digital Electronic Night-Vision (EDEN) | 1,600,000 | | Hutchison |
| RDTE,A | Enhanced Holographic Imager | 2,480,000 | Conaway, Granger | Cornyn |
| RDTE,A | Enhanced Jamming Resistant Technology for INS/GPS Precision Guided Munitions | 1,600,000 | Frelinghuysen | |
| RDTE,A | Enhanced Ku-band / L-band Antenna System | 800,000 | Moran (VA) | |
| RDTE,A | Enhanced Landmine and IED Detection System | 960,000 | Cubin | |
| RDTE,A | Enhanced Military Vehicle Maintenance System Demonstration Project with Anniston Army Depot and Auburn University | 1,600,000 | Rogers (AL) | Shelby |
| RDTE,A | Enhanced Rapid Tactical Integration and Fielding Systems (ERTIFS) | 1,600,000 | | Sessions, Shelby |
| RDTE,A | Enhanced Robotic Manipulators for Defense Applications | 750,000 | Cubin | Enzi |
| RDTE,A | Enhanced Vapor Aeration Capabilities (EVAC) | 2,400,000 | LaTourette | Voinovich |
| RDTE,A | Expanding Access to Proven Lifestyle Modification Treatments Focused onPreventing and Reversing Chronic Diseases | 1,750,000 | Pelosi | |
| RDTE,A | Expansion and Development Upper and Lower Bionic Limbs | 2,000,000 | Davis (IL) | Durbin |
| RDTE,A | Experiential Technologies for Urban Warfare and Disaster Response | 500,000 | | Burr |
| RDTE,A | Exploding Foil Initiators (EFI) with Nanomaterial-Based Circuits | 1,600,000 | Herseth Sandlin | Johnson |
| RDTE,A | Extended Duration Silver Wound Dressing—Clinical Trials | 1,600,000 | Shuler | |
| RDTE,A | Extended Lifecycle Management Environment | 800,000 | English | |
| RDTE,A | Extended Range Modular Sniper Rifle System | 2,000,000 | | Inhofe |
| RDTE,A | Extreme Light Sources, University of Florida | 1,600,000 | Wexler | |
| RDTE,A | Extremely High Frequency (EHF)Transmitter for WIN-T Satellite Communications | 2,000,000 | Carney | Casey |
| RDTE,A | Extremity War Injury Research Foundation | 800,000 | Doyle | |
| RDTE,A | Eye-Safe Standoff Fusion Detection of CBE Threats | 2,000,000 | Doyle | Specter |
| RDTE,A | Facilitating Use of Advanced Prosthetic Limb Technology | 1,600,000 | Rush | Durbin |
| RDTE,A | FCV Advanced Suspension System | 1,600,000 | | Reid |
| RDTE,A | Feeding Tube for Battlefield Trauma Patients (Phase II) | 1,600,000 | Ryan (OH) | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Fibrin Adhesive Stat (FAST) Dressing | 3,000,000 | Etheridge, Price (NC), Van Hollen | Burr, Cardin, Dole, Mikulski, Schumer |
| RDTE,A | Fighting Drug Resistant Infections | 2,000,000 | | Hagel, Nelson (NE) |
| RDTE,A | Fire Resistant Fuels | 3,200,000 | Rodriguez | |
| RDTE,A | Fire Shield | 3,200,000 | Dreier | |
| RDTE,A | Fire Support Technology Improvement Program | 800,000 | Shuster | |
| RDTE,A | Flame and Thermal Protection for Individual Soldier | 3,200,000 | Kagen | Kohl |
| RDTE,A | Flexible Electronics Research Initiative | 1,600,000 | | Specter |
| RDTE,A | Florida Collaborative Development of Advanced Materials for Strategic Applications | 1,200,000 | Buchanan | |
| RDTE,A | Foliage Penetrating, Reconnaissance, Surveillance, Tracking, and Engagement Radar (FORESTER) | 3,200,000 | McHugh, Walsh | |
| RDTE,A | Freeze Dried Blood Technology Clinical Research | 2,000,000 | Cole | Cardin, Inhofe |
| RDTE,A | Fuel Cell Power System | 800,000 | Lungren | |
| RDTE,A | Fuel Cells for Mobile Robotic Systems Project | 800,000 | Jackson | |
| RDTE,A | Fuel Logistics Reduction through Enhanced Engine Performance | 1,200,000 | McGovern | |
| RDTE,A | Future Affordable Multi-Utility Materials for the Army Future Combat Systems | 6,400,000 | Boyd | Grassley, Harkin, Johnson, Thune |
| RDTE,A | Future TOC Hardware/Software Integration | 2,000,000 | Everett | Sessions, Shelby |
| RDTE,A | Garment-Based Physiological Monitoring Systems | 1,600,000 | Castle | Biden, Carper |
| RDTE,A | Gas Engine Driven Air Conditioning (GEDAC) Demonstration | 2,400,000 | Berkley, Porter, Grijalva, Pastor, Renzi | Reid |
| RDTE,A | Geosciences/ Atmospheric Research (CG/AR) | 1,600,000 | | Allard, Salazar |
| RDTE,A | Geospatial Airship Research Platform | 2,800,000 | Kaptur | |
| RDTE,A | Global Military Operating Environment | 2,000,000 | | Ensign, Reid |
| RDTE,A | Globally Accessible Manufacturing and Maintenance Activity | 1,600,000 | Knollenberg | Stabenow |
| RDTE,A | Green Armaments/Rangesafe | 2,400,000 | Frelinghuysen, Rothman, Sires | Lautenberg, Menendez |
| RDTE,A | Green Environmentally Sustainable Laboratories and Clean rooms (USAMRMC) | 800,000 | Bishop (GA) | |
| RDTE,A | Ground Combat Systems Electronic Enhancements | 2,400,000 | McKeon | |
| RDTE,A | Ground Vehicle Integration Technologies | 2,400,000 | | Levin |
| RDTE,A | Ground Vehicle Reliability Modeling for Condition-Based Maintenance | 800,000 | | Levin, Stabenow |
| RDTE,A | Ground-forces Readiness Enabler for Advanced Tactical Vehicles (GREAT-V) | 800,000 | | Hutchison |
| RDTE,A | Gunfire Detection Systems for Unmanned Aerial Vehicles | 800,000 | Everett | |
| RDTE,A | Hawaii Undersea Chemical Military Munitions Assessment Plan | 4,000,000 | Hirono, Abercrombie | |
| RDTE,A | Headborne Energy Analysis and Diagnostic System (HEADS) | 1,600,000 | Mitchell | |
| RDTE,A | Health Informatics Initiative | 2,500,000 | Putnam, Castor, Young (FL) | |
| RDTE,A | Health Information Technology Demonstration Project at Madigan Army Medical Center and Puget Sound VA Medical Center | 1,000,000 | | Cantwell |
| RDTE,A | Health Sciences Regenerative Medicine Center | 3,000,000 | | Burr, Dole |
| RDTE,A | Heat Dissipation for Electronic Systems and Enclosures | 2,000,000 | | Reid |
| RDTE,A | Heavy Fuel Burning Engines for UAVs | 2,000,000 | Diaz-Balart, Lincoln | Stabenow |
| RDTE,A | Heavy Fuel High Efficiency Turbine Engine | 2,000,000 | Wexler | |
| RDTE,A | Heavy Metals Total Life-Cycle Initiative | 800,000 | | Bingaman, Domenici |
| RDTE,A | Helicopter Reliability and Failure Analysis Center | 880,000 | Cramer, Aderholt | Shelby |
| RDTE,A | Helicopter Vulnerability Reduction | 2,400,000 | DeLauro, Courtney, Shays | Dodd, Lieberman |
| RDTE,A | Heuristic Internet Protocol Packet Inspection Engine (HIPPIE) | 2,000,000 | Akin | Bond |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | HEV Battery System for Future Combat System | 1,600,000 | | Bayh, Lugar |
| RDTE,A | Hibernation Genomics | 2,000,000 | | Stevens |
| RDTE,A | High Altitude Airship | 3,200,000 | Ryan (OH) | Brown |
| RDTE,A | High Altitude Integration Testbed (HIT) | 3,000,000 | Cramer | Sessions, Shelby |
| RDTE,A | High Altitude Shuttle System for Battlespace Coverage | 800,000 | Hooley | Smith, Wyden |
| RDTE,A | High Detail Architecture Analysis Tool (HDAAT) | 1,440,000 | Cramer | |
| RDTE,A | High Explosive Air Burst (HEAB) 25mm Ammunition | 4,400,000 | Costello, LaHood | Durbin |
| RDTE,A | High Fidelity Imaging System (HiFIS) | 800,000 | Cramer | |
| RDTE,A | High Fidelity Virtual Simulation and Analysis | 1,600,000 | Aderholt | Shelby |
| RDTE,A | High Power Electrolytic Super-Capacitors Based On Conducting Polymers | 800,000 | | Bond |
| RDTE,A | High Pressure Processing Prototype for Meals-Ready-to-Eat (MRE) | 1,600,000 | | Murray |
| RDTE,A | High Speed Digital Imaging | 4,500,000 | | Gregg, Sununu |
| RDTE,A | High Temperature Polymers for Missile System Applications | 3,200,000 | | Cochran |
| RDTE,A | High-Frequency, High-Power Electronic and Optoelectronic Devices on Aluminum Nitride | 3,200,000 | Price (NC) | Burr |
| RDTE,A | Highly Mobile Remotely Controlled IED Countermeasures | 800,000 | Rothman | Lautenberg, Menendez |
| RDTE,A | Highly Reliable, Maintenance Free Remote Solar Power System | 640,000 | Johnson (IL) | |
| RDTE,A | Hi-Tech Eyes for the Battlefield | 1,600,000 | | Hutchison |
| RDTE,A | Hospital Emergency Planning and Integration (HEPI) | 800,000 | Shuster | |
| RDTE,A | Host Pathogen Interaction Study | 3,200,000 | Cramer | |
| RDTE,A | Hostile Fire Indicator | 4,000,000 | Shea-Porter | Gregg, Sununu |
| RDTE,A | Hull Humvee Protection Program | 2,000,000 | Barrett, Brown (SC) | Graham |
| RDTE,A | Human Genomics, Molecular Epidemiology, and Clinical Diagnostics for Infectious Diseases (Note: Department of Defense Military Health System Enhancement) | 1,160,000 | Pastor | |
| RDTE,A | Human Terrain Geographic Decision Support | 3,000,000 | Murtha | |
| RDTE,A | Hybrid Electric (Heavy Truck) Vehicle | 2,400,000 | Bartlett | Cardin, Mikulski |
| RDTE,A | Hybrid Luminescent Ammunition | 800,000 | | Landrieu, Vitter |
| RDTE,A | HYBRID Propellant for Medium and Large Caliber Ammunition | 3,200,000 | Boyd | |
| RDTE,A | Hydraulic Hybrid Vehicles (HHV) for the Tactical Wheel Fleet | 800,000 | Regula, Knollenberg | Levin, Stabenow |
| RDTE,A | Hydrogen Batteries for the Warfighter | 3,000,000 | Clyburn | Graham |
| RDTE,A | HYPERSAR | 2,400,000 | | Bond |
| RDTE,A | Hyperspectral Sensor for Improved Force Protection (Hyper-IFP) | 1,600,000 | Akin | |
| RDTE,A | Illinois Center for Defense Manufacturing | 2,000,000 | Manzullo, Hare | Durbin |
| RDTE,A | Implementation of an Advanced Tactical Wheeled Armored Vehicle System | 3,000,000 | | Levin |
| RDTE,A | Improved Blackhawk De-icing | 800,000 | Moran (VA) | |
| RDTE,A | Improved EFP and IED protection, Testing, Modeling and Proving Using Lithia Alumina Silica (LAS) Glass Ceramics | 2,400,000 | Tauscher, Sestak | Corker |
| RDTE,A | Improved Lightweight Integrated Communication and Hearing Protection Device | 800,000 | Altmire | Casey, Specter |
| RDTE,A | Improvised Explosive Device (IED) Simulation in Different Soils | 500,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,A | Individual Airburst Weapon System | 1,000,000 | Hayes, Rothman | Coleman, Klobuchar, Lautenberg, Menendez |
| RDTE,A | Infectious and Inflammatory Disease Center at the Burnham Institute for Medical Research (Note: Department of Defense Military Health System Enhancement | 2,400,000 | Bilbray, Davis (CA) | Nelson (FL) |
| RDTE,A | Information Assurance Development | 1,600,000 | Holt | |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | InfraRed Goggle Upgrade System (IRGUS) | 800,000 | Sessions, Shea-Porter | Cornyn |
| RDTE,A | Injection Molded Ceramic Body Armor | 800,000 | Olver | |
| RDTE,A | Ink-Based Desktop Electronic Material Technology | 1,600,000 | Frelinghuysen | |
| RDTE,A | Innovative Wireless Technologies for Sensor Networks | 700,000 | Goode | |
| RDTE,A | Institute for Advanced Materials and Manufacturing Strategies (IAMMS) | 1,200,000 | Kildee | Stabenow |
| RDTE,A | Institute for the Advancement of Bloodless Medicine | 1,600,000 | Rothman, Garrett | Lautenberg, Menendez |
| RDTE,A | Institute of Surgical and Interventional Simulation (ISIS) | 4,400,000 | Dicks, McDermott, Smith (WA) | Cantwell, Murray |
| RDTE,A | Integrated Functional Materials | 800,000 | Young (FL) | |
| RDTE,A | Integrated Information Technology Policy Analysis Research | 1,600,000 | Lewis (CA) | |
| RDTE,A | Integrated Lightweight Tracker System | 1,600,000 | Obey | |
| RDTE,A | Integrated Patient Quality Program | 1,600,000 | Simpson | Craig, Crapo |
| RDTE,A | Integrated Vehicle Health Monitoring System | 1,600,000 | Tsongas | Kennedy |
| RDTE,A | Intelligent Distributed Command and Control (IDC2) | 2,400,000 | Visclosky | |
| RDTE,A | Intelligent Fault Protected Laser Diodes | 800,000 | Capuano | |
| RDTE,A | Intensive Care Unit to Intensive Care Hospital | 2,400,000 | Rothman | |
| RDTE,A | Intensive Quenching for Advanced Weapon Systems | 960,000 | Sutton | Schumer |
| RDTE,A | Inter Turbine Burner for Turbo Shaft Engines | 3,200,000 | Lewis (CA) | |
| RDTE,A | International Heart Institute/US Army Vascular Graft Research Project | 1,000,000 | | Baucus, Tester |
| RDTE,A | JAMMA Lightweight, Armored, Hybrid, Power Generating, Tactical Vehicle | 2,000,000 | Cannon | Bennett, Hatch |
| RDTE,A | Joint Collaborative Medical Information System (JCMIS) | 3,200,000 | Murtha | |
| RDTE,A | Joint Combat Support Trailer | 3,200,000 | Kagen | |
| RDTE,A | Joint Fires and Effects Training System (JFETS) | 2,000,000 | Cole | Inhofe |
| RDTE,A | Joint Medical Simulation Technology Research and Development Center (JMSTRDC) | 1,600,000 | Feeney | |
| RDTE,A | Joint Munitions and Lethality Mission Integration | 1,600,000 | Frelinghuysen | |
| RDTE,A | Joint Munitions and Lethality Warfighter Technology Insertion | 2,400,000 | Frelinghuysen | |
| RDTE,A | Joint Training Integration and Evaluation Center (JTIEC) | 1,680,000 | Feeney | |
| RDTE,A | Joint Urban Environment Test Capability | 2,000,000 | | Bingaman |
| RDTE,A | Kinetic Energy Enhanced Lethality and Protection Materials | 2,000,000 | Davis, David | Alexander, Corker |
| RDTE,A | Knowledge, Innovation and Technology Sharing Program | 1,600,000 | | Bond |
| RDTE,A | Large Aluminum Nitride Crystals for Effective Deep Ultraviolet Sources | 800,000 | McNulty | Schumer |
| RDTE,A | Large Area Monitoring Network (LAMNET) | 6,000,000 | | McConnell |
| RDTE,A | Large Energy National Shock Tunnel (LENS XX) Hypervelocity Ground Testing | 1,600,000 | Higgins | |
| RDTE,A | Large Format Li-Ion Battery | 800,000 | Moore (WI) | Kohl |
| RDTE,A | Laser Based Explosives, Chem/Bio Standoff and Point Detector | 4,000,000 | | Cardin, Mikulski |
| RDTE,A | Laser Studied and Enhanced Reactive Materials: Self-Decontaminating Polymers for Chemical-Biological Defense | 1,600,000 | | Craig, Crapo |
| RDTE,A | Lattice Block Structures for AM2 Matting Replacement | 2,500,000 | Hodes | Gregg, Sununu |
| RDTE,A | Legacy Aerospace Gear Drive Re-Engineering Initiative | 2,000,000 | Larson | Dodd |
| RDTE,A | Lehman Injury Research Center (Ryder Trauma Center) (Note: Includes funding for Jackson Health System) | 6,000,000 | Diaz-Balart, Lincoln; Diaz-Balart, Mario; Meek; Wasserman Schultz | Nelson (FL) |
| RDTE,A | Leishmania Skin Test | 800,000 | Hunter | |
| RDTE,A | Lens-Less Micro Seeker System for Small Steerable Projectiles | 1,600,000 | Dreier | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Light Tactical Vehicle Ambulance Shelter | 2,400,000 | | Biden, Cantwell, Murray |
| RDTE,A | Light Utility Helicopter Simulator | 1,200,000 | Barton | |
| RDTE,A | Light Weight Medical Evacuation Unit | 1,600,000 | Knollenberg | |
| RDTE,A | Light Weight Structural Composite Armor for Blast and Ballistic Protection | 1,600,000 | Castle, Price (NC), Shuler | Burr |
| RDTE,A | Lightweight 1-2 Person Low-Pressure Inflatable Tents | 800,000 | | Gregg |
| RDTE,A | Lightweight Anti-Ballistic Protection for Aircraft | 400,000 | | Enzi |
| RDTE,A | Lightweight Caliber .50 Machine Gun (LW50MG) | 8,000,000 | | Collins, Leahy, Snowe |
| RDTE,A | Lightweight Cannon Recoil Reduction | 1,920,000 | Heller | Ensign, Reid |
| RDTE,A | Lightweight Multi-Functional Material Technology for Combat Munitions Logistics | 800,000 | Frelinghuysen, Rothman | Lautenberg, Menendez |
| RDTE,A | Lightweight Munitions and Surveillance System for Unmanned Air and Ground Vehicles | 2,800,000 | Garrett | Lautenberg, Menendez |
| RDTE,A | Lightweight Partial Hybrid Electric Military Transport Vehicle | 1,600,000 | | Bayh, Lugar |
| RDTE,A | Lightweight Polymer Designs for Soldier Combat Optics | 1,200,000 | Olver | Kennedy |
| RDTE,A | Lightweight Soldier Sensor Computing | 800,000 | | Kohl |
| RDTE,A | Lightweight Transparent Armor for Force Protection | 2,000,000 | Cramer | Casey, Specter |
| RDTE,A | Lightweight Trauma Module | 2,400,000 | Frelinghuysen, Pascrell | Lautenberg, Menendez |
| RDTE,A | Limb Regeneration Through Biometrics Technology | 800,000 | Capuano | |
| RDTE,A | Limb Tissue Regeneration after Battlefield Injuries using Bone Marrow Stem Cells | 3,000,000 | Wu, Baird, Blumenauer, Hooley, Smith (WA) | Murray, Smith, Wyden |
| RDTE,A | Linear Accelerator Cancer Research | 800,000 | Rangel | Schumer |
| RDTE,A | Lithium Ion Battery Exchange Program | 2,400,000 | Dent | |
| RDTE,A | Logistical Fuel Processors for Army Development Program | 2,800,000 | Bachus, Rogers (AL) | Sessions |
| RDTE,A | Long Range Hypersonic Interceptor | 800,000 | Boyda | Brownback, Roberts |
| RDTE,A | Lookout Small Scale Radar | 2,000,000 | Walsh | Schumer |
| RDTE,A | Low Cost Interceptor | 2,400,000 | | Shelby |
| RDTE,A | Low Temperature Vehicle Performance Research | 1,600,000 | | Levin |
| RDTE,A | LSTAT Advanced Medical Technologies | 2,400,000 | Sanchez, Loretta; Richardson | |
| RDTE,A | LWI Training-based Collaborative Research | 25,000,000 | Skelton | |
| RDTE,A | Magneto Inductive Remote Activation Munition System (MI-RAMS) Frequency and Digital Enhancements | 2,800,000 | Lewis (CA) | |
| RDTE,A | Magneto-Rheological (MR) Suspensions for Tactical Wheeled Vehicles | 2,400,000 | Price (NC) | Dole, Stabenow |
| RDTE,A | Maine Institute for Human Genetics and Health | 1,600,000 | Michaud | Collins, Snowe |
| RDTE,A | Manufacturing and Industrial Technology Center | 800,000 | Boyd | |
| RDTE,A | Manufacturing Metrology for Weapon System Production and Sustainment (M2WSPS) | 1,760,000 | | Reed |
| RDTE,A | Manufacturing Technology Development of Advanced Solid State Lasers | 2,400,000 | McNerney, Carney | Casey |
| RDTE,A | Mariah II Hypersonic Wind Tunnel Development | 3,200,000 | Rehberg | Baucus, Tester |
| RDTE,A | Maritime C4ISR System | 800,000 | Shuster | |
| RDTE,A | Mary Bird Perkins Cancer Center (Note: A treatment Planning Research Laboratory for High Performance Computing and Radiation Dose Effects | 2,400,000 | Cazayoux, Alexander | Landrieu, Vitter |
| RDTE,A | Maryland Proof of Concept Alliance for Defense Technologies | 3,500,000 | | Mikulski |
| RDTE,A | Mass Scale Biosensor Threat Diagnostic for In-Theater Defense Utilization (FIU) | 1,600,000 | Ros-Lehtinen | |
| RDTE,A | Materials Applications Research Center | 800,000 | Bachus | |
| RDTE,A | MATRIC-Project National Shield Integration Center | 2,000,000 | Capito | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | MATTRACKS | 2,000,000 | Peterson (MN) | |
| RDTE,A | Medical Errors Reduction Initiative | 400,000 | Rothman, Garrett | Lautenberg, Menendez |
| RDTE,A | Medical Modeling and Simulation Through Synthetic Digital Genes | 1,000,000 | | Craig, Crapo |
| RDTE,A | Medical Resources Conservation Technology System | 2,400,000 | Visclosky | |
| RDTE,A | Medium Caliber Metal Parts Upgrade | 2,600,000 | Kanjorski | Casey, Specter |
| RDTE,A | Medium Sized Unmanned Ground Vehicles Platform | 2,000,000 | Diaz-Balart, Lincoln | |
| RDTE,A | MEMS Antenna for Wireless Comms | 2,400,000 | | Conrad, Dorgan |
| RDTE,A | Michigan Technological University's Project for Diverse Sensing for Synergistic Force Protection in Urban Threat Environments | 800,000 | | Stabenow |
| RDTE,A | Micro Electrical Mechanical Systems (MEMS) Technology and Plastic Armor Applications | 1,600,000 | Ferguson | Lautenberg, Menendez |
| RDTE,A | Micromachined Switches in Support of Transformational Communications Architecture | 2,400,000 | Miller, George | |
| RDTE,A | Micro-systems Nanotechnology for Advanced Technology Development | 1,000,000 | Young (FL) | |
| RDTE,A | Midwest Traumatic Injury Rehabilitation Center | 1,460,000 | Ehlers | |
| RDTE,A | Military Adult Stem Cell Collection and Storage Project | 800,000 | Rothman | Schumer |
| RDTE,A | Military Burn Trauma Research Program | 4,000,000 | Lungren, Matsui | Boxer |
| RDTE,A | Military Fuels Research Program | 1,600,000 | | McConnell |
| RDTE,A | Military Interoperable Digital Hospital Testbed | 10,000,000 | Murtha | |
| RDTE,A | Military Jet-Fueled Fuel Cell Generator | 800,000 | | Smith, Wyden |
| RDTE,A | Military Low Vision Research | 1,600,000 | Lynch, Capuano | Kennedy, Kerry |
| RDTE,A | Military Nutrition Research: Personnel Readiness and Warfighter Performance | 1,600,000 | Alexander, Cazayoux | Landrieu, Vitter |
| RDTE,A | Military Photomedicine Program | 2,800,000 | Sanchez, Loretta | Boxer, Dole, Kennedy |
| RDTE,A | Miniature Cooling Unit for Electronic Devices | 800,000 | Johnson (IL) | Durbin |
| RDTE,A | Miniaturized Sensors for Small and Tactical Unmanned Aerial Vehicles (MINISENS) | 1,200,000 | Reyes | |
| RDTE,A | Mini-LRAS3 Scout Surveillance System | 1,600,000 | | Gregg, Sununu |
| RDTE,A | Minimizing Health Effects of Air Toxics on Military Personnel | 1,600,000 | Yarmuth | |
| RDTE,A | Missile Attack Early Warning System (MAEWS) | 2,000,000 | | Shelby |
| RDTE,A | Mission Execution Technology Implementation | 3,200,000 | Hulshof, Akin | Bond |
| RDTE,A | Mitigation of Energetic Single Point Failures | 2,400,000 | Frelinghuysen | |
| RDTE,A | MLRS Disposal System | 3,000,000 | | Ensign, Reid |
| RDTE,A | Mobile Medic Training Program | 800,000 | Mica | |
| RDTE,A | Mobile Object Search Toolkit for Intelligence Analysts | 3,200,000 | Dicks | |
| RDTE,A | Mobile Optical Tracking System (MOTS) All Sky Imager (MASI) | 1,200,000 | Reyes, Rodriguez | |
| RDTE,A | Model-Based Engineering Environment | 800,000 | Capuano | |
| RDTE,A | Modeling and Testing of Next Generation Body Armor | 2,000,000 | Rush | Durbin |
| RDTE,A | Modular Ballistic System for Force Protection | 800,000 | | Collins, Snowe |
| RDTE,A | Modular Stethoscope For Harsh Environments | 1,200,000 | | Coleman |
| RDTE,A | Modular Universal TOC Packages for Vehicles and Shelters | 2,400,000 | Young (FL) | |
| RDTE,A | Moldable Fabric Armor | 1,200,000 | | Graham |
| RDTE,A | Mosquito Born Disease Prevention : Malaria & Dengue Fever | 800,000 | DeLauro | Dodd, Lautenberg, Lieberman, Menendez |
| RDTE,A | Moving Vehicle BAT Face Recognition Surveillance System | 1,200,000 | | Gregg, Sununu |
| RDTE,A | MRAP Supportability System (MSS) | 4,000,000 | Murtha | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Multi-layer Coextrusion for High Performance Packaging | 2,400,000 | Obey | Kohl |
| RDTE,A | Multipurpose Nanosat Missile System (MNMS) formerly Integrated Nanosat Delivery System (INDS) | 6,000,000 | Cramer | Shelby |
| RDTE,A | Munitions Evaluation for Composite Electric Armor | 1,200,000 | | Coleman |
| RDTE,A | MUSC Cancer Genomics Research Collaborative | 800,000 | Brown (SC) | |
| RDTE,A | Nanocomposite Enhanced Radar and Aerospace Materials | 1,200,000 | | Hutchison |
| RDTE,A | Nanocrystal Source Display | 1,200,000 | Markey | |
| RDTE,A | Nano-Crystalline Cement for High Strength, Rapid Curing Concrete with Improved Blast Resistance | 1,440,000 | Visclosky | |
| RDTE,A | Nanofabricated Bioartificial Kidney, Pancreas, and Liver | 2,500,000 | Knollenberg | |
| RDTE,A | Nanofluids for Advanced Military Mobility | 800,000 | Davis (KY) | Bunning |
| RDTE,A | Nano-Imaging Agents for Early Disease Detection | 1,600,000 | Green, Al; Culberson | |
| RDTE,A | Nanomanufacturing of Multifunctional Sensors | 1,000,000 | Tsongas, Olver | Kennedy, Kerry |
| RDTE,A | Nanophotonic Devices | 1,600,000 | | Hutchison |
| RDTE,A | Nanoscale Biosensors | 2,500,000 | | Lincoln, Pryor |
| RDTE,A | NanoSensor StageGate Accelerator (NSSA) | 1,200,000 | McNulty, Gillibrand | Schumer |
| RDTE,A | Nanostructured Materials For Photovoltaic Applications | 1,600,000 | McHugh | Schumer |
| RDTE,A | Nanosystems through Optical Biosensors | 1,600,000 | Slaughter | |
| RDTE,A | Nanotechnology for Potable Water and Waste Treatment | 1,000,000 | Murphy, Tim | |
| RDTE,A | Nanotechnology Fuze-On-A-Chip | 2,800,000 | Obey | Kohl |
| RDTE,A | Nanotechnology Manufacturing Center | 2,000,000 | Barrow | Chambliss |
| RDTE,A | Nanotubes Optimized for Lightweight Exceptional Strength Composite Materials | 2,400,000 | Boyd, Crenshaw | Martinez, Nelson (FL) |
| RDTE,A | National Biodefense Training | 5,000,000 | | Hutchison |
| RDTE,A | National Eye Evaluation and Research Network (NEER) -Clinical Trials of Orphan Retinal Degenerative Diseases | 800,000 | Sessions | Harkin |
| RDTE,A | National Functional Genomics Center | 6,000,000 | Bilirakis, Castor, Young (FL) | Martinez, Nelson (FL) |
| RDTE,A | National Oncogenomics and Molecular Imaging Center | 3,200,000 | Knollenberg | |
| RDTE,A | National Warfighter Health Sustainment Study | 800,000 | Capuano, Price (NC) | |
| RDTE,A | Near-Net Shaped Direct-Sintered Silicon Carbide Torso Plates | 1,600,000 | Snyder | Lincoln, Pryor |
| RDTE,A | Networked Dynamic Spectrum Access Investigation Enhanced MBITR | 2,400,000 | Bartlett | Mikulski |
| RDTE,A | Neural Controlled Prosthetic Device for Amputees | 1,600,000 | Murtha | |
| RDTE,A | Neuroimaging and Neuropsychiatric Trauma in Warfighters | 5,000,000 | Pelosi | Boxer |
| RDTE,A | Neuroimaging of Brain Disorders | 800,000 | Jones (OH) | Voinovich |
| RDTE,A | Neuroscience Research Consortium to Study Spinal Cord Injuries | 800,000 | Wasserman Schultz | Nelson (FL) |
| RDTE,A | Neutron/Hadron Particle Therapy | 1,200,000 | Foster | Durbin |
| RDTE,A | New High Temperature Domestic Sourced PES Foam Fabrication/Certification for DOD Aerospace Applications | 2,400,000 | Johnson, Eddie Bernice | |
| RDTE,A | New Vaccines to Fight Respiratory Infection | 4,000,000 | Latham | Grassley, Harkin |
| RDTE,A | Next Generation Communications System | 1,200,000 | Altmire | Casey, Specter |
| RDTE,A | Next Generation Diesel Engine for Ground Vehicles | 4,000,000 | Emanuel | Durbin, Stabenow |
| RDTE,A | Next Generation High Performance Ballistic Materials and Technologies Providing 7.62mm Small Arms Protection for US Armed Forces Helmets | 1,440,000 | Myrick | |
| RDTE,A | Next Generation Ice Protection Technologies | 1,600,000 | | Roberts |
| RDTE,A | Next Generation Lightweight Drive System for Army Weapons Systems | 1,600,000 | Herseth Sandlin | Johnson, Thune |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Next Generation Non-Tactical Vehicle Propulsion | 1,600,000 | Hall (NY), Kuhl | Levin, Mikulski, Stabenow, Schumer |
| RDTE,A | Next Generation Protective Seat | 2,400,000 | Gerlach | Casey, Specter |
| RDTE,A | Next Generation Wearable Video Capture System | 800,000 | Stupak | |
| RDTE,A | Next-generation Combat Helmet Development | 2,800,000 | Butterfield | Dole |
| RDTE,A | Nickel Boron Coating Technology for Army Weapons | 2,400,000 | Mahoney, Boyd | |
| RDTE,A | No-Idle Climate Control for Military Vehicles | 1,600,000 | Brady (TX) | |
| RDTE,A | Non-communications ECM Technology Demo | 1,200,000 | Holt | |
| RDTE,A | Non-Hazardous Infrared Anti-Reflective Coatings for Army Aircraft Sensors | 1,200,000 | Hayes | |
| RDTE,A | Norfolk State University Center for Modeling and Simulation | 2,400,000 | Scott (VA) | |
| RDTE,A | Northern Ohio Integrated Command Operations Program | 1,600,000 | Kaptur | |
| RDTE,A | Novel Approaches to Reduce the Severity of Battlefield Combined Tissue Injury | 1,600,000 | Berkley, Porter | Ensign, Reid |
| RDTE,A | Novel Extremity Body Armor | 600,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,A | Novel Flame Retardant Nylon Fabrics | 1,200,000 | Spratt | Chambliss |
| RDTE,A | Novel Guidance Kit—Phase 2 (NGK2) for M864 Projectile | 4,000,000 | | Burr, Coleman, Leahy |
| RDTE,A | Novel Methods for Detecting and Inhibiting Corrosion | 1,360,000 | | Conrad, Dorgan |
| RDTE,A | Novel Onboard Hydrogen Storage System Development | 800,000 | | Levin |
| RDTE,A | Novel Zinc Air Power Sources for Military Applications | 1,600,000 | Rogers (AL) | Shelby |
| RDTE,A | N-STEP-Enabled Manufacturing Cell for Future Combat Systems | 2,400,000 | Jordan, Latta | |
| RDTE,A | OH-58D Kiowa Warrior Vehicle Health and Usage Management System (VHUMS) Demonstration | 2,400,000 | Welch, Herseth Sandlin | |
| RDTE,A | ONAMI Miniature Tactical Energy Systems Development | 2,400,000 | Walden, Blumenauer, DeFazio, Hooley, Wu | Smith, Wyden |
| RDTE,A | Oncology Group Pediatric Cancer Research (CH) | 1,600,000 | Young (FL) | |
| RDTE,A | One-Step JP-8 Bio-Diesel Fuel | 1,600,000 | Obey | |
| RDTE,A | Online Medical Training for Military Personnel | 2,800,000 | | McConnell |
| RDTE,A | On-The-Move Telescoping Mast | 2,400,000 | Regula | |
| RDTE,A | Open Source Intelligence for Force Protection and Intelligence | 1,600,000 | | Hutchison, Roberts |
| RDTE,A | Operator Situational Awareness System—MEDEVAC | 1,750,000 | Pelosi | |
| RDTE,A | Optical Neural Techniques for Combat / Post-Trauma Healthcare | 1,600,000 | Inslee, McDermott, Smith (WA) | Cantwell, Murray |
| RDTE,A | Optimized M-25 Soldier Fuel Cell System | 2,000,000 | Castle | Biden |
| RDTE,A | Organic Semiconductor Modeling and Simulation | 1,200,000 | | Cornyn |
| RDTE,A | Orion High Altitude Long Loiter (HALL) UAV | 5,000,000 | | Cochran, Wicker |
| RDTE,A | Parts on Demand for CONUS Operations | 5,000,000 | | Conrad, Dorgan |
| RDTE,A | Passive IR Sensor for Persistent Wide Area Surveillance | 2,000,000 | Hodes | Gregg |
| RDTE,A | Payload and Advanced Development for Next Generation Robot Platform | 2,000,000 | Tierney | Kennedy, Kerry |
| RDTE,A | Peer Reviewed Orthopaedic Extremity Trauma Research | 5,000,000 | | Bayh, Cornyn, Harkin, Hutchison, Landrieu |
| RDTE,A | Perpetually Available and Secure Information Systems (PASIS) | 3,200,000 | Doyle | |
| RDTE,A | Personal Miniature Thermal Viewer | 1,600,000 | Michaud | |
| RDTE,A | Personal Status Monitor | 2,000,000 | McHugh, Walsh | |
| RDTE,A | Pharmaceutical Advanced Packaging | 1,600,000 | Holden | Specter |
| RDTE,A | Photovoltaic Tent Fabric | 2,800,000 | Kaptur | |
| RDTE,A | Plant-based Vaccine Research (Mitchell Memorial Cancer Center) | 2,000,000 | Lewis (KY) | |
| RDTE,A | Plasma Energy Pyrolysis System (PEPS) Clean Fuels | 800,000 | Davis (VA) | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Plasma Sterilizer | 3,200,000 | Ellison, McCollum | Coleman, Klobuchar |
| RDTE,A | Plasma Technology Laboratory | 800,000 | Ortiz | |
| RDTE,A | Plug-In Architecture for DoD Medical Imaging | 800,000 | Moran (VA) | Warner, Webb |
| RDTE,A | Plug-In Hybrid Vehicle Electrification Program | 3,200,000 | Kilpatrick, Conyers, Dingell, Knollenberg | Levin, Stabenow |
| RDTE,A | Portable autonomous fluid-less near-infrared non-invasive alcohol testing devices | 500,000 | | Bingaman |
| RDTE,A | Portable Emergency Broadband System | 4,000,000 | Gerlach, Sestak | Casey, Specter |
| RDTE,A | Portable Non-Magnetic Compass/Positioning/Timing Device | 1,600,000 | Allen, Michaud | Collins, Snowe |
| RDTE,A | Positron Sensors and Energy Applications | 3,000,000 | | Cantwell, Murray |
| RDTE,A | Power and Energy Research Equipment Upgrades | 6,000,000 | | Levin |
| RDTE,A | Power Dense Transmissions | 1,280,000 | Inglis, Barrett, Goode, Regula, Ryan (OH) | |
| RDTE,A | Prader-Willi Syndrome (PWS) Research | 1,600,000 | Royce | |
| RDTE,A | Precision Guided Airdropped Equipment | 3,680,000 | Clarke, Towns, Weiner | |
| RDTE,A | Precision Molding Manufacturing Technology for Infrared Aspheric Optics | 2,320,000 | Rothman, Andrews, Dent | Lautenberg, Menendez, Specter |
| RDTE,A | Press-Loaded Explosive Projectile Washout Line | 800,000 | Ellsworth | Coleman, Klobuchar, Lugar |
| RDTE,A | Prevention of Compartment Syndrome, Ultrafiltration Catheter | 1,600,000 | McCollum, Ellison | Coleman, Klobuchar |
| RDTE,A | Processing DNA Data Using Classical Discrimination Techniques (PRODDUCT) | 2,000,000 | Cramer | |
| RDTE,A | Project Kryptolite Force Implementation Phase | 1,200,000 | Smith (NJ) | Lautenberg, Menendez |
| RDTE,A | Prostate and Ovarian Cancer Biomarkers (Note: Department of Defense Military Health System Enhancement) | 1,200,000 | Murphy, Patrick | |
| RDTE,A | Protective Textile Fabric | 800,000 | Dingell | Stabenow |
| RDTE,A | Proteomics Project (CH-LA) | 1,200,000 | Schiff | |
| RDTE,A | QuickMEDS | 800,000 | | Sessions |
| RDTE,A | Quiet, Low-Impact Alternative Energy Technology | 2,240,000 | Wilson (OH), Space | |
| RDTE,A | Radar Tag Emitters | 2,400,000 | | Domenici |
| RDTE,A | Radiation Hardening Initiative | 2,400,000 | Cramer, Aderholt | Sessions, Shelby |
| RDTE,A | Raman Chemical ID System | 1,600,000 | Tierney | Kennedy |
| RDTE,A | RAND Arroyo Center | 4,000,000 | | Feinstein |
| RDTE,A | Range Scrap Disposal, Hawthorne Army Depot | 800,000 | Brady (PA), Sestak | |
| RDTE,A | Rapid and Accurate Pathogen Identification/Detection (RAPID) Program | 1,600,000 | Visclosky | Bayh, Lugar |
| RDTE,A | Rapid Insertion of Developmental Technology | 2,400,000 | Frelinghuysen, Sires | |
| RDTE,A | Rapid Prototyping for Special Projects | 3,200,000 | Frelinghuysen | |
| RDTE,A | Rapid Response Force Protection System | 2,400,000 | Rothman | |
| RDTE,A | Rapid Response System for Active Protection of Ground and Air Vehicles | 4,160,000 | Cramer | |
| RDTE,A | Rapid Up-Armor Synthesis and Crashworthiness Design for Improved Soldier Survivability | 1,200,000 | Visclosky, Donnelly | |
| RDTE,A | Rapid Vaccine Discovery Technology | 1,600,000 | Visclosky, Capuano | |
| RDTE,A | Ration Packaging Materials and Systems for MREs | 3,600,000 | Obey | Kohl |
| RDTE,A | Reconfigurable Tooling System | 1,600,000 | Heller | |
| RDTE,A | Regional Integrated Command Center (RICC) | 800,000 | Doyle | |
| RDTE,A | Rehabilitation and Assistive Technologies to Enhance the Life of Individuals with Disabilities | 800,000 | Young (FL), Castor | |
| RDTE,A | Remote Bio-Medical Detector | 2,000,000 | Murtha | |
| RDTE,A | Remote Explosive Analysis and Detection System (READS) | 2,240,000 | Cramer | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Remote Unmanned Vehicle Checkpoint System | 1,000,000 | | Levin, Stabenow |
| RDTE,A | Remote Video Weapons Sight, USSOCOM SBIR | 2,000,000 | Radanovich | |
| RDTE,A | Remotely Operated Weapons Systems | 5,000,000 | Frelinghuysen | |
| RDTE,A | Renewable Energy for Military Applications | 1,600,000 | | Bayh, Lugar |
| RDTE,A | Renewable Energy Testing Center | 1,600,000 | Lungren, Matsui | |
| RDTE,A | Renewable Jet Fuel from Lignocellulosic Feedstocks | 3,200,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,A | Respiratory Biodefense Initiative | 1,600,000 | | Allard, Salazar |
| RDTE,A | Returning Soldier Adjustment Assessment Remote Monitoring System Research Study | 3,120,000 | Bishop (GA) | |
| RDTE,A | Ripsaw Unmanned Ground Vehicle (UGV) Weaponization | 1,200,000 | Allen | Collins, Snowe |
| RDTE,A | Robotics Vehicle Secure Communications | 2,000,000 | | Stabenow |
| RDTE,A | Rotary Valve Pressure Swing Absorption Oxygen Generator | 800,000 | Davis (CA) | |
| RDTE,A | Rugged Electronic Textile Vital Signs Monitoring | 3,000,000 | Kennedy | Reed, Whitehouse |
| RDTE,A | Ruggedized Cylinders for Expandable Mobile Shelters | 2,400,000 | Obey | Kohl |
| RDTE,A | Rural Health (CERMUSA) (Note: To serve remote and rural military retiree populations) | 2,400,000 | Shuster | Casey |
| RDTE,A | Safe Airway Access in Combat | 2,000,000 | | Hagel |
| RDTE,A | Self Powered Prosthetic Limb Technology | 2,400,000 | Peterson (PA) | Casey, Specter |
| RDTE,A | Self Powered, Lightweight, Flexible Display Unit on a Plastic Substrate | 1,600,000 | | Grassley, Harkin |
| RDTE,A | Self-Deploying Autonomous Sensor Platforms for Situational Awareness | 4,000,000 | Blunt | |
| RDTE,A | Semi-Autonomous or Unattended Psychological Operations and Reconnaissance Tool (SUPORT) | 2,400,000 | Spratt | |
| RDTE,A | Shadow Tactical Unmanned Aerial System Flight in the National Airspace | 4,000,000 | | Cardin, Mikulski |
| RDTE,A | Short Range Electro Optic (SREO) | 1,600,000 | | Nelson (FL) |
| RDTE,A | Silver Fox and Manta UAS | 2,000,000 | Giffords | |
| RDTE,A | Small Agile Satellites | 400,000 | | Feinstein |
| RDTE,A | Small Business Infrared Material Manufacturing-Silicon Alternative Substrates | 5,600,000 | | Durbin |
| RDTE,A | Small Unmanned Aerial Vehicles and Sensors | 500,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,A | Smart Data Project: Real-Time Geospatial Video Sensor Intelligence | 800,000 | Tierney | Kennedy |
| RDTE,A | Smart Machine Platform Initiative | 4,000,000 | Chabot, McNulty | Brown, Schumer, Voinovich |
| RDTE,A | Smart Prosthetic Hand Technology | 1,600,000 | | Craig, Crapo |
| RDTE,A | Smart Prosthetics Research | 1,600,000 | Kuhl, Walsh | Schumer |
| RDTE,A | Smart Sensor Supercomputing Center | 5,800,000 | | Byrd |
| RDTE,A | SOCOM Lightweight Unmanned Ground Robot | 1,600,000 | Ross | |
| RDTE,A | Software Lifecycle Affordability Management Phase II (SLAM II) | 800,000 | Saxton | Lautenberg, Menendez |
| RDTE,A | Soldier Fuel Cell System | 2,400,000 | Visclosky | |
| RDTE,A | Soldier Portable Power Pack (SP3) for the 21st Century Warrior | 1,700,000 | Price (NC), Hayes | Dole |
| RDTE,A | Soldier Survival in Extreme Environments | 2,960,000 | | Hagel, Nelson (NE) |
| RDTE,A | Soldier Worn Gunshot Detection System | 2,400,000 | Visclosky | |
| RDTE,A | Solid Oxide Fuel Cell Powered Tactical Smart Charger | 1,600,000 | Walsh | |
| RDTE,A | Solid State Processing of Titanium Alloys for Defense Materiel Armaments | 1,440,000 | Kaptur | |
| RDTE,A | Solid State Shelter Lighting System | 384,000 | Hill | Bayh |
| RDTE,A | Solutions for Infection Control in Military Hospitals | 2,000,000 | | Nelson (NE) |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Southeast Nebraska Cancer Center/National Functional Genomics Center | 1,200,000 | Fortenberry | Nelson (NE) |
| RDTE,A | Specialized Compact Automated Mechanical Clearance Platform | 1,600,000 | Murphy, Patrick | |
| RDTE,A | Spectroscopic Materials Identification Center | 800,000 | Berry | Lincoln, Pryor |
| RDTE,A | Spinal Muscular Atrophy (SMA) Research Program | 3,200,000 | Pelosi, Nadler, Rangel | Schumer |
| RDTE,A | Spring Suspended Airless Tires for Convoy Protection | 2,800,000 | Obey | |
| RDTE,A | Stabilized Enzyme Biofuel Cell (SEBC) for Unmanned Ground Sensors | 800,000 | | Bond |
| RDTE,A | Standoff Hazardous Agent Detection and Evaluation System | 2,800,000 | Berry | Lincoln, Pryor |
| RDTE,A | Standoff Improvised Explosive Device Detection Program | 4,800,000 | Boyd, Berry, Brown (FL), Hirono, Meek | Akaka, Lincoln, Martinez, Pryor |
| RDTE,A | Staph Vaccine | 4,000,000 | | Conrad, Dorgan |
| RDTE,A | Strattice Dermal Matrix Research | 2,400,000 | Ferguson | |
| RDTE,A | Stryker Common Active Protection System (APS) Radar | 1,600,000 | Johnson, Sam; Hall (TX); Reyes | Cornyn |
| RDTE,A | Stryker Second Source Tire Research | 800,000 | Goode, Ryan (OH) | Voinovich, Warner, Webb |
| RDTE,A | Super High Accuracy Range Kit (SHARK) | 3,600,000 | Young (FL) | |
| RDTE,A | Superior Weapons Systems Through Castings | 1,600,000 | | Brownback, Lincoln, Pryor, Roberts |
| RDTE,A | Superlattice Semiconductors for Mobile SS Lighting and Solar Power Applications | 2,400,000 | Hinchey | |
| RDTE,A | Sustainable Alternative Energy for DoD | 2,400,000 | Obey | |
| RDTE,A | Synchrotron-based Scanning Research Neuroscience and Proton Institute | 5,000,000 | Lewis (CA) | |
| RDTE,A | Synthetic Automotive Virtual Environments | 2,400,000 | Hodes | |
| RDTE,A | Systems Biology Biomarkers Toxicology Initiative | 2,640,000 | Dicks, Baird, McDermott | Murray |
| RDTE,A | Tactical Asset Visibility Enhancement | 500,000 | | Reid |
| RDTE,A | Tactical Booster for Mobile Network Centric Warfare | 1,600,000 | Obey | Kohl |
| RDTE,A | Tactical Metal Fabrication System (TacFab) | 2,000,000 | Turner, Brown (SC), Clyburn, Markey, Ryan (OH), Tierney, Tsongas | Kerry, Lautenberg, Menendez |
| RDTE,A | Tactical RPG Airbag Protection System (TRAPS) Enhancement | 800,000 | Capps, Farr | |
| RDTE,A | Technologies for Metabolic Monitoring (TMM) | 800,000 | Gonzalez | Wicker |
| RDTE,A | Technologies for Military Equipment Replenishment | 3,600,000 | Obey | Kohl |
| RDTE,A | Technology and Human Systems Integration | 2,400,000 | | Kennedy |
| RDTE,A | Technology Commercialization and Management Network | 1,600,000 | Lewis (CA), Hinojosa | |
| RDTE,A | Technology for Rapid Foreign Language Acquisitions for Specialized Military and Intelligence Purposes | 1,200,000 | | Sununu |
| RDTE,A | Telepharmacy Remote Medicine Device Unit (TRMDU) | 1,400,000 | Brady (PA), English | Casey |
| RDTE,A | Terahertz Spectrometer | 800,000 | Murphy (CT) | Dodd, Lieberman |
| RDTE,A | Test Support Infrastructure Darning and Trafficability Study | 4,000,000 | | Bingaman, Domenici |
| RDTE,A | Thermal and Electrical Nanoscale Transport (TENT) | 1,600,000 | Honda | |
| RDTE,A | Thermoelectric Power Generation Materials and Devices | 1,200,000 | | Hutchison |
| RDTE,A | Threat Detection and Neutralization Project | 3,200,000 | Mollohan | |
| RDTE,A | Titanium Extraction, Mining and Process Engineering Research (TEMPER) | 3,000,000 | | Baucus |
| RDTE,A | Titanium Powder Advanced Forged Parts Program | 1,600,000 | Murtha | |
| RDTE,A | Total Quality System for FDA Regulated Activities Database | 1,440,000 | Bishop (GA) | |
| RDTE,A | Toxic Particles | 800,000 | Allen | Collins, Snowe |
| RDTE,A | Transportable Cryofracture/Plasma Arc | 1,600,000 | Doolittle | Baucus, Tester |
| RDTE,A | Trauma Care, Research and Training | 2,400,000 | | Hutchison |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Trauma Hemostat | 800,000 | Cohen | |
| RDTE,A | Turbo Fuel Cell Engine | 2,500,000 | Murtha | |
| RDTE,A | UAS Sense and Avoid Concept Evaluation for Airspace Integration | 2,400,000 | | Shelby |
| RDTE,A | UAV-Resupply BURRO | 1,200,000 | Larson | Dodd, Lieberman |
| RDTE,A | Ultra High Speed MEMS Electromagnetic Cell Sorter (UHSMECS) | 2,400,000 | Capps | |
| RDTE,A | Ultra Light Weight Transmission for FCS | 1,600,000 | Walberg | Stabenow |
| RDTE,A | Ultra-Endurance Coating | 3,600,000 | Hobson | |
| RDTE,A | Ultra-High Resolution Display for Army Medicine (UHRDARM) | 4,000,000 | Hall (NY) | Murray |
| RDTE,A | Ultrasonic Consolidation for Armor Applications | 1,200,000 | Dingell | Levin, Stabenow |
| RDTE,A | Ultrasonic Impact Technology | 1,200,000 | | Shelby |
| RDTE,A | UMDNJ Cancer Initiative | 2,400,000 | Payne, Pallone, Sires, Smith (NJ) | |
| RDTE,A | Uncooled Metal-Oxide Semiconductor Field-Effect Transistor (MOSFET) Embedded Micro-cantilevers | 2,400,000 | Visclosky | |
| RDTE,A | Universal Control Full Authority Digital Engine Control (FADEC) | 3,200,000 | Larson | Dodd, Lieberman |
| RDTE,A | University Center for Disaster Preparedness and Emergency Response | 1,600,000 | Pallone, Payne, Smith (NJ) | Lautenberg, Menendez |
| RDTE,A | Unmanned Ground Vehicle Advanced Technology Development | 2,500,000 | Murtha | |
| RDTE,A | Unmanned Ground Vehicle Initiative (UGVI) | 12,000,000 | | Levin |
| RDTE,A | Unserviceable Ammunition Demilitarization via Chemical Dissolution | 800,000 | | Bennett, Hatch |
| RDTE,A | Urban Patterns and Signatures to Support Counter-Insurgency Operations | 1,200,000 | | Gregg |
| RDTE,A | Use of Drugs to Reduce Hearing Loss from Acute Acoustic Trauma | 1,280,000 | McHugh | |
| RDTE,A | UXO Detection and Classification in Volcanic Soil Using an Integrated Fully Polametic GPR and Chemical Sensor Technology | 1,000,000 | Hirono | Akaka |
| RDTE,A | Vectored Thrust Ducted Propeller Compound Helicopter | 5,000,000 | Castle | Biden, Carper, Casey, Specter |
| RDTE,A | Vehicle Armor Structure Development and Testing for Future Combat Systems and Joint Light Tactical Vehicle | 800,000 | Levin | Levin, Stabenow |
| RDTE,A | Vehicle Common Armor Manufacturing Process (VCAMP) | 2,000,000 | Saxton | |
| RDTE,A | Vertical Integration for Missile Defense Surveillance Data | 3,280,000 | | Cochran |
| RDTE,A | Vertical/Horizontal Integration of Space Technologies and Applications (VISTA) | 2,400,000 | Aderholt | |
| RDTE,A | VideoArgus | 2,000,000 | Holt, Rothman | Lautenberg, Menendez |
| RDTE,A | Vigilant Sentinel Auto-ID and Access Control System | 1,600,000 | Tiahrt | |
| RDTE,A | VIPER Mobile Power Development Project | 800,000 | Harman | |
| RDTE,A | Virtual Opportunity and Information Center | 1,000,000 | Murphy, Tim | |
| RDTE,A | Vision Integrating Strategies in Ophthalmology and Neurochemistry (VISION) | 3,200,000 | Granger | Cornyn |
| RDTE,A | Visualization for Training and Simulation in Urban Terrains | 1,200,000 | | McConnell |
| RDTE,A | Warfighter Cancer Care Engineering | 2,400,000 | Carson | Bayh, Lugar |
| RDTE,A | Wearable Gyro-Compensated Personnel Tracking During GPS Interference | 800,000 | Slaughter, Kuhl | |
| RDTE,A | Wearable Personal Area Network Technology | 2,400,000 | Spratt | |
| RDTE,A | Weight Measurements and Standards for Military Personnel | 2,000,000 | | Vitter |
| RDTE,A | Western Hemisphere Security Analysis Center | 1,600,000 | Hastings (FL) | Nelson (FL) |
| RDTE,A | Wireless Analysis and Visualization Engines for Sensors (WAVES) | 800,000 | Stupak | |
| RDTE,A | Wireless Electronic Patient Records | 3,200,000 | Harman | Feinstein |
| RDTE,A | Wireless Medical Monitoring System (WiMed) | 1,600,000 | Boswell, Latham | Grassley, Harkin |
| RDTE,A | Wound Infection Treatment Program | 2,400,000 | Baldwin | Kohl |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,A | Wyoming Valley Integrated Command Operations Program (ICOP) | 1,600,000 | Carney | |
| RDTE,AF | Accelerated Insertion of Advanced Materials and Certification for Military Aircraft Structure Material Substitution and Repair | 3,000,000 | Tiahrt | Brownback, Roberts |
| RDTE,AF | Accelerator-Driven Non-Destructive Testing | 2,000,000 | Simpson | Crapo |
| RDTE,AF | ACES 5 Ejection Seat | 5,600,000 | Lamborn, Pastor | Allard, Bennett, Cochran, Dodd, Lieberman, Salazar, Wicker |
| RDTE,AF | Acquisition Data Repository (ADR) | 2,800,000 | Hobson | |
| RDTE,AF | Active Unmanned Air Vehicle (UAV) Phenomenology and Automatic Target Recognition Technology Transition (ATR) | 2,000,000 | Hobson | |
| RDTE,AF | Advance Casting and Coating Technologies for Aircraft Canopies | 2,800,000 | Sutton | Specter |
| RDTE,AF | Advance Threat Alert/Advance Technology Demonstration | 4,880,000 | Hodes | Gregg, Sununu |
| RDTE,AF | Advanced Aerospace Heat Exchangers | 1,600,000 | Wilson (OH) | Voinovich |
| RDTE,AF | Advanced Carbon Fiber Research and Test Initiative | 2,400,000 | Spratt, Inglis | Graham |
| RDTE,AF | Advanced Data Exploitation and Visualization | 800,000 | | Brown |
| RDTE,AF | Advanced Electromagnetic Location of IEDs Defeat System | 1,600,000 | Kaptur | |
| RDTE,AF | Advanced Fiber Lasers Systems and Components | 960,000 | | Murray |
| RDTE,AF | Advanced fuel cell based power system for small UAV applications | 1,200,000 | | Reid |
| RDTE,AF | Advanced Lithium Ion Battery Manufacturing | 1,600,000 | Scott (GA) | Isakson |
| RDTE,AF | Advanced Military Installations that Integrate Renewable Energy and Advanced Energy Storage Technologies | 4,000,000 | | Bond |
| RDTE,AF | Advanced Modular Avionics for Operationally Responsive Space Use | 2,400,000 | Wilson (NM) | Bingaman, Domenici |
| RDTE,AF | Advanced Nanotube Micro-Munitions Weapon Technology Initiative | 1,600,000 | Bishop (GA) | |
| RDTE,AF | Advanced Staring Infrared Testbed (ASIRT) Technology Demonstration | 960,000 | | Allard, Salazar |
| RDTE,AF | Advanced Technical Intelligence Center (ATIC) | 2,000,000 | Hobson | Voinovich |
| RDTE,AF | Advanced Thermal Control Coatings for Space Applications | 1,600,000 | Davis (IL) | |
| RDTE,AF | Advanced Vehicle Propulsion Center | 1,200,000 | McKeon | |
| RDTE,AF | Aerodynamic Wind Tunnel Upgrade Initiative | 1,600,000 | Giffords | |
| RDTE,AF | Aerospace Lab Equipment Upgrade | 800,000 | Napolitano | |
| RDTE,AF | Affordable Lightweight Power Supply Development | 1,000,000 | Gerlach | Casey, Specter |
| RDTE,AF | Air Cargo Tracking and Analysis/Secure Skies | 1,360,000 | | Inouye |
| RDTE,AF | Air Force Minority Leaders Program | 8,000,000 | | Alexander, Corker, Hutchison, Landrieu |
| RDTE,AF | Air Purification with Carbon Nanotube Nanostructured Material | 5,000,000 | | Leahy |
| RDTE,AF | Aircraft Evaluation Readiness Initiative | 2,400,000 | | Grassley, Harkin |
| RDTE,AF | Aircraft Fatigue Modeling and Simulation | 3,000,000 | | Hutchison |
| RDTE,AF | Alternative Energy—Tin City | 500,000 | | Stevens |
| RDTE,AF | Alternative Energy Fuel Cell Power | 1,600,000 | Ryan (OH), Sutton | Brown |
| RDTE,AF | Applications of LIDAR to Vehicles with Analysis | 7,000,000 | | Inouye |
| RDTE,AF | Assessment of Alternative Energy for Aircraft Ground Equipment | 1,600,000 | Wu | Smith, Wyden |
| RDTE,AF | ASSET eWing and Data Fusion Technology Integration | 4,000,000 | | Byrd |
| RDTE,AF | Assured Aerospace Fuels Research | 1,600,000 | | Voinovich |
| RDTE,AF | AT-6B Capabilities Demonstration for the Air National Guard | 6,000,000 | Tiahrt | Brownback |
| RDTE,AF | Automated Sensor-Communication Response Technology | 1,600,000 | Hobson | |
| RDTE,AF | B-1 Bomber 16-Carry Adapter Weapons Initiative | 4,160,000 | Herseth Sandlin | Johnson, Thune |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,AF | B-2 Advanced Tactical Data Link | 11,200,000 | | Feinstein, Inhofe |
| RDTE,AF | Ballistic Missile Technology | 2,400,000 | Young (FL) | |
| RDTE,AF | Base Facility Energy Independence | 3,200,000 | Kaptur | |
| RDTE,AF | BattleSpace: Reducing Military Decision Cycles | 1,280,000 | | Hagel, Nelson (NE) |
| RDTE,AF | Big Antennas Small Structures Efficient Tactical (BASSET) UAV | 1,200,000 | Harman | |
| RDTE,AF | Bio-JP8 Fuel Development | 800,000 | Boyd | |
| RDTE,AF | Biothreat Test Pouch for Film Array System | 800,000 | | Bennett |
| RDTE,AF | Body Armor Improved Ballistic Protection | 2,000,000 | Murtha | |
| RDTE,AF | Broad Area Multi-Intelligence Ubiquitous Surveillance Enterprise | 1,600,000 | Walsh, Kuhl | Schumer |
| RDTE,AF | C-130 Automated Inspection, Repair, Corrosion and Aircraft Tracking Condition-Based Maintenance Plus | 3,200,000 | Kingston, Marshall | Chambliss, Isakson |
| RDTE,AF | Carbon Nanotube Enhanced Power Sources for Space | 2,400,000 | Markey, Olver | |
| RDTE,AF | Carbon Nanotube-based Radiation Hard Nano-Electronic Devices | 7,200,000 | Blunt | |
| RDTE,AF | Carbon Non-Materials for Advanced Aerospace Applications | 2,400,000 | Culberson | |
| RDTE,AF | Center for Microplasma Science and Technology (CMST) | 2,000,000 | Rothman, Sires | Lautenberg, Menendez |
| RDTE,AF | Center for Responsive Space Systems | 800,000 | Wilson (NM) | Bingaman |
| RDTE,AF | Center for Solar Electricity and Hydrogen | 3,600,000 | Kaptur | |
| RDTE,AF | Center of Excellence for Defense UAV Education | 4,000,000 | Pomeroy | Conrad, Dorgan |
| RDTE,AF | Ceramic Matrix Composite Turbine Blade Demonstration | 4,000,000 | Shays | Dodd |
| RDTE,AF | Chip Scale Atomic Clock | 2,400,000 | Young (FL) | |
| RDTE,AF | Close Proximity Space Situational Awareness | 640,000 | Edwards (TX) | |
| RDTE,AF | Coal Transformation Laboratory | 800,000 | | Lugar |
| RDTE,AF | Combat Sent Wideband Sensor Upgrade Program | 3,040,000 | | Ensign |
| RDTE,AF | Command and Control Service Level Management (C2SLM) program | 4,000,000 | Blunt | |
| RDTE,AF | Compact Laser Terminal for Airborne Network Centric Warfare | 2,800,000 | Visclosky | |
| RDTE,AF | Component Object Model Attitude Control System Simulation/Trainer | 1,600,000 | | Murray, Warner, Webb |
| RDTE,AF | Compound Zoom for Airborne Reconnaissance (CZAR) | 1,200,000 | Sherman | |
| RDTE,AF | Conducting Polymer Stress and Damage Sensors for Composites | 1,440,000 | | Cochran |
| RDTE,AF | Consortium for Nanomaterials for Aerospace Commerce and Technology | 2,400,000 | Hinojosa | Hutchison |
| RDTE,AF | Conventional Strike Mission Integration Demonstration | 4,800,000 | Lewis (CA) | |
| RDTE,AF | Core Component Jammer (CCJ) | 9,000,000 | Tiahrt | Brownback, Roberts |
| RDTE,AF | COTS Analysis Tools for Navigational Warfare | 1,200,000 | Sestak | |
| RDTE,AF | COTS Technology for Situational Space Awareness | 2,800,000 | Gerlach | Specter |
| RDTE,AF | Cyber Attack Mitigation and Exploitation Laboratory (CAMEL) III | 2,000,000 | Arcuri | Schumer |
| RDTE,AF | Cyber Security Laboratory at Louisiana Tech University | 3,000,000 | Alexander, McCrery | Landrieu |
| RDTE,AF | Defensive Counterspace Testbed | 800,000 | | Allard |
| RDTE,AF | Development and Testing of Advanced Paraffin-Based Hybrid Rockets for Space Applications | 2,800,000 | Lofgren | |
| RDTE,AF | Development and Validation of Advanced Design Technologies for Hypersonic Research | 2,000,000 | | Coleman, Klobuchar |
| RDTE,AF | Diamond Substrate for Cooling of Micro-Electronics | 2,000,000 | | Reed |
| RDTE,AF | Distributed Mission Interoperability Toolkit (DMIT) | 1,600,000 | Sestak, Andrews, LoBiondo | |
| RDTE,AF | Eglin AFB Range Operations Center (ROCC) Initiative | 800,000 | Miller (FL) | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,AF | Eielson Air Force Base Alternative Energy Source Program | 2,400,000 | Young (AK) | |
| RDTE,AF | Eielson Air Force Base Coal to Liquid Initiative | 5,000,000 | | Stevens |
| RDTE,AF | Electromagnetic In-Flight Propeller Balancing System | 2,000,000 | English | Casey, Specter |
| RDTE,AF | Electronics Liquid Cooling for Advanced Military Ground and Aerospace Vehicle Projects | 1,000,000 | LaTourette | |
| RDTE,AF | EMI Grid Fabrication Technology | 2,720,000 | Bono Mack | |
| RDTE,AF | Energetic Device Quality and Reliability Improvements Using Computer Aided Process Control | 2,400,000 | Blunt | |
| RDTE,AF | Expeditionary 200 kW+ Alternative Power Generator | 800,000 | Lamborn | |
| RDTE,AF | Expert Organization Develoment System (EXODUS) | 1,000,000 | Capito | |
| RDTE,AF | F-15 AESA Development and Demonstration | 12,000,000 | | Cochran, Feinstein, Wicker |
| RDTE,AF | F-15 AN/ALR-56C RWR Digital Receiver Upgrade | 3,200,000 | Rothman, Pascrell | Lautenberg, Menendez |
| RDTE,AF | FEL Capabilities for Aerospace Microfabrication | 1,120,000 | Wittman | |
| RDTE,AF | Field Programmable Gate Arrays Mission Assurance Center | 3,000,000 | | Bingaman, Domenici |
| RDTE,AF | Fire and Blast Resistant Materials for Force Protection | 1,600,000 | Moore (WI) | Kennedy, Kohl |
| RDTE,AF | Flash Hyper-Dimensional Imaging System for Space Situational Awareness and Ballistic Missile Defense | 1,600,000 | Hirono | Akaka, Inouye |
| RDTE,AF | Flexible Access Secure Transfer (FAST) | 1,200,000 | Pascrell, Rothman | |
| RDTE,AF | Florida National Guard Missile Range Safety Technology | 1,600,000 | Young (FL) | |
| RDTE,AF | FPS-16 Radar Mobilization Upgrade | 2,800,000 | Miller (FL) | |
| RDTE,AF | Freedom Fuels/Coal Fuels Alliance | 3,200,000 | | Bunning |
| RDTE,AF | Gallium Nitride RF Power Technology | 1,600,000 | Coble | |
| RDTE,AF | Health Surveillance System | 1,600,000 | Inslee | Murray |
| RDTE,AF | High Power Broadly Tunable Middle-Infrared Laser Sources | 2,400,000 | Davis (AL) | |
| RDTE,AF | High Temperature Hydrogen Energy Production Facility | 1,200,000 | | Hutchison |
| RDTE,AF | Holloman High Speed Test Track | 4,000,000 | Pearce | Bingaman, Domenici |
| RDTE,AF | Homeland Emergency Learning and Preparedness (HELP) Center | 3,000,000 | Hobson | |
| RDTE,AF | Hybrid Bearing | 1,600,000 | Coble, Hayes, Shuler, Turner | Dodd, Dole, Gregg, Lieberman, Voinovich |
| RDTE,AF | Hybrid Sounding Rocket Propulsion | 800,000 | Hunter | |
| RDTE,AF | Hydrocarbon Boost Technology Demonstrator | 1,400,000 | McCarthy (CA), Doolittle, Matsui, McKeon | |
| RDTE,AF | Imaging Tools for Human Performance Enhancement and Diagnostics | 2,000,000 | Hobson | Voinovich |
| RDTE,AF | Inductive Thermography Systems Inspection | 2,400,000 | | Murray |
| RDTE,AF | Information Quality Tools for Persistent Surveillance Data Sets | 1,600,000 | Snyder | Lincoln, Pryor |
| RDTE,AF | Innovative Polymeric Materials for Three-Dimensional (3-D) Microdevice Construction | 1,600,000 | Emerson | |
| RDTE,AF | Institute for Science and Engineering Simulation (ISES) | 3,360,000 | Burgess | |
| RDTE,AF | Integrated Aircraft Energy Management | 2,000,000 | Hobson | |
| RDTE,AF | Integrated Electrical Starter/Generator (IES/G) | 1,600,000 | Turner | Voinovich |
| RDTE,AF | Integrated Power for Aircraft Technologies (INPACT II) | 3,500,000 | Manzullo | Durbin |
| RDTE,AF | Integrated Propulsion Analysis Tool | 2,000,000 | Lewis (CA) | |
| RDTE,AF | Integrated SAR/PI Evaluator for Critical Target and Activity Recogniton (INSPECTAR) | 800,000 | Hobson | |
| RDTE,AF | Integrated Spacecraft Engineering Tool (ISET) | 1,600,000 | Lewis (CA) | |
| RDTE,AF | Integrated Targeting Device | 3,000,000 | | Nelson (FL) |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,AF | Intelligent Manufacturing Initiative | 2,400,000 | Pryce | Voinovich |
| RDTE,AF | Internal Base Facility Energy Independence—Solar | 1,600,000 | Kaptur | |
| RDTE,AF | Joint Theater Air Ground Simulation System | 2,400,000 | | Martinez |
| RDTE,AF | Large Aircraft Infrared Countermeasures for AFSOC AC/MC-130 Aircraft | 4,400,000 | Miller (FL) | Martinez, Nelson (FL) |
| RDTE,AF | Large Area, APVT Materials Development for High Power Devices | 800,000 | Frelinghuysen | Lautenberg, Menendez |
| RDTE,AF | Laser Peening for Friction Stir Welded Aerospace Structures | 1,600,000 | Tiahrt | |
| RDTE,AF | Lean Management System Research Initiative at Air Mobility Wing MacDill AFB | 800,000 | Young (FL) | |
| RDTE,AF | LGX High Temperature Acoustic Wave Sensors | 1,600,000 | | Collins, Snowe |
| RDTE,AF | Light Weight Organic Photovoltaic Technologies | 1,200,000 | Altmire | |
| RDTE,AF | Lightweight, High-Efficiency Solar Cells for Spacecraft | 800,000 | | Durbin |
| RDTE,AF | Liquid Crystal Laser Eye Protection | 1,600,000 | Ryan (OH) | |
| RDTE,AF | Lithium Ion Domestic Materials Development | 1,600,000 | Courtney | Dodd |
| RDTE,AF | Low Profile Arresting Gear | 800,000 | Sestak | Casey |
| RDTE,AF | Low Voltage, Wideband Electro-Optic Polymer Modulators | 3,000,000 | Inslee | Cantwell, Murray |
| RDTE,AF | Low-Earth Orbit Nanosatellite Integrated Defense Autonomous Systems | 5,000,000 | | Inouye |
| RDTE,AF | Manufacturing of High Energy Superior Lithium Battery Technology | 6,000,000 | | Bond |
| RDTE,AF | Massively Parallel Optical Interconnects (MPOI) for ISR Satellites | 1,600,000 | | Ensign |
| RDTE,AF | Massively Parallel Optical Interconnects for MicroSatellite Applications | 1,600,000 | | Reid |
| RDTE,AF | Materials Integrity Management Research for Air Force Systems | 800,000 | | Roberts |
| RDTE,AF | Microcomposite Coatings for Chrome Replacement | 800,000 | Jones (OH) | |
| RDTE,AF | Micro-Grid Energy Storage Utilizing a Deployable Zinc-Bromide Flow Battery | 1,600,000 | Marshall | |
| RDTE,AF | Micromachined Switches for Next Generation Modular Satellites | 2,400,000 | Miller, George | |
| RDTE,AF | Micro-Satellite Serial Manufacturing to Include Academic Outreach Educational Program | 800,000 | Harman, Lewis (CA) | |
| RDTE,AF | Mobile Wind Turbine Systems to Power Forward Bases | 800,000 | | Brown |
| RDTE,AF | Moving Target Strike | 2,000,000 | Miller (FL) | |
| RDTE,AF | M-PACT High Pressure Pure Air Generator System | 1,600,000 | Frelinghuysen, Garrett | Lautenberg, Menendez |
| RDTE,AF | MPOI for Battlespace Information Exchange | 3,900,000 | | Reid |
| RDTE,AF | MQ-9 Reaper—UAS AirPortal, Hancock Field | 3,000,000 | Walsh | |
| RDTE,AF | MSSS Operations & Research | 22,000,000 | | Inouye |
| RDTE,AF | Multi Platform Radar Technology Improvement Program (MPRTIP) Integration and Test on JSTARS | 20,000,000 | Shays, Weldon | Chambliss, Dodd, Isakson, Lieberman |
| RDTE,AF | Multicontinuum Technology for Space Structures | 2,880,000 | Cubin | Enzi |
| RDTE,AF | Multi-mission Deployable Optical System | 4,000,000 | | Inouye |
| RDTE,AF | Multi-Mode Space Propulsion | 800,000 | Gilchrest | Mikulski |
| RDTE,AF | Multiple UAS Cooperative Concentrated Observation and Engagement Against a Common Ground Objective | 4,400,000 | Bartlett, Sestak | |
| RDTE,AF | Multi-Sensor Detect, See and Avoid | 6,000,000 | | Reid |
| RDTE,AF | Multi-Sensor Person-Borne Suicide Counter Bomber Detection Systems | 1,200,000 | Hobson | |
| RDTE,AF | Nano-Composite Structures Manufacturing Technology Development | 800,000 | Turner | Brown |
| RDTE,AF | Nanocomposites for Lightning Protection of Composite Airframe Structures | 1,200,000 | Tiahrt | Brownback |
| RDTE,AF | National Test Facility for Aerospace Fuels and Propulsion | 1,360,000 | Buyer | |
| RDTE,AF | Net-Centric Sensors Grid | 800,000 | Hill | Bayh, Lugar |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,AF | New Electronic Warfare Specialists Through Advanced Research by Students | 1,600,000 | Hobson | |
| RDTE,AF | Next Generation Casting Supplier Base Initiative | 2,400,000 | Blumenauer | Reid |
| RDTE,AF | Next Generation Manufacturing Processes | 1,200,000 | Smith (TX) | |
| RDTE,AF | Next Generation Tactical Environmental Clothing for AFSOC | 2,000,000 | Rogers (AL) | |
| RDTE,AF | NP 2000 Propeller System—Air National Guard Special Missions C-130 | 2,000,000 | Murphy (CT) | Dodd, Schumer |
| RDTE,AF | Nuclear Test Seismic Research | 2,000,000 | | Leahy, Kennedy, Kerry |
| RDTE,AF | ONAMI Safer Nanomaterials and Nanomanufacturing | 4,000,000 | Blumenauer, DeFazio, Walden, Wu | Smith, Wyden |
| RDTE,AF | Operational Responsive Space Architecture for Dual Use Applications | 1,272,000 | Perlmutter | |
| RDTE,AF | Optic Band Control Program | 800,000 | Bilirakis | |
| RDTE,AF | Optically Pumped Atomic Laser (OPAL) | 2,800,000 | Hobson, Grijalva | |
| RDTE,AF | PanSTARRS | 8,000,000 | | Inouye |
| RDTE,AF | Partnership for Emerging Technologies | 1,600,000 | Duncan | Corker |
| RDTE,AF | Partnership in Innovative Preparation for Educators and Students and the Space Education Consortium | 800,000 | | Allard, Salazar |
| RDTE,AF | Pennsylvania NanoMaterials Commercialization Center | 2,000,000 | Doyle | |
| RDTE,AF | Persistent Sensing Data Processing, Storage and Retrieval | 1,600,000 | | Brown |
| RDTE,AF | PhasorBIRD Helmet Tracker | 2,480,000 | | Leahy |
| RDTE,AF | Plasma-Sphere Array for Flexible Electronics | 2,800,000 | Kaptur | |
| RDTE,AF | Precision Image Tracking and Registration | 1,600,000 | Young (FL) | |
| RDTE,AF | Predator Mission Aircrew Training System (PMATS) Upgrade | 2,400,000 | Hinchey | Schumer |
| RDTE,AF | Prepreg Thickness Variability Reduction Program | 1,600,000 | Hall (TX) | |
| RDTE,AF | Production of Nanocomposites for Aerospace Applications | 1,600,000 | Turner | Voinovich |
| RDTE,AF | Project Air Force | 3,000,000 | | Feinstein |
| RDTE,AF | Radiation Hardened Microelectronics (HX5000) Carbon Nanotube Sensors | 2,000,000 | | Coleman, Klobuchar |
| RDTE,AF | Radiation Hardened Non-Volatile Memory Technology | 1,600,000 | Lamborn | Salazar |
| RDTE,AF | Rapid Automated Processing of Advanced Low Observables | 1,600,000 | | Brown |
| RDTE,AF | Rapid Prototyping and Nanotechnology Initiative | 800,000 | Waters | |
| RDTE,AF | Rapid Replacement of Mission Critical Electronics to Support High Usage Wartime Aircraft Deployments | 1,500,000 | Marshall | Chambliss, Isakson |
| RDTE,AF | Real-time Optical Surveillance Applications | 2,800,000 | | Inouye |
| RDTE,AF | Reconfigurable Electronics and Non-Volatile Memory Research | 2,000,000 | | Craig, Crapo |
| RDTE,AF | Reconfigurable Secure Computing | 1,200,000 | Moran (VA) | Warner, Webb |
| RDTE,AF | Regional Telepathology Initiative at Keesler AFB | 2,500,000 | | Cochran |
| RDTE,AF | Remote Suspect Identification | 3,200,000 | Alexander, McCrery | |
| RDTE,AF | Renewable Hydrocarbon Fuels for Military Applications (Great Lakes Region) | 2,000,000 | Kucinich | Brown |
| RDTE,AF | Rivet Joint ISR Network Integration | 2,000,000 | Hall (TX) | |
| RDTE,AF | Satellite Coherent Optical Receiver (SCORE) | 1,750,000 | Pelosi | |
| RDTE,AF | Science for Sustainment | 1,600,000 | Hobson | |
| RDTE,AF | Scorpion Low Cost Helmet Mounted Cueing and Information Display System | 4,000,000 | LaHood | Durbin |
| RDTE,AF | Secure Network Centric Operations | 1,600,000 | Johnson, Sam | |
| RDTE,AF | Semiconductor Optical Amplifier for Responsive Space MPOI | 2,200,000 | Heller, Porter | |
| RDTE,AF | Sensor Fusion | 2,400,000 | Hobson | |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,AF | Sewage-Derived Biofuels Project | 2,400,000 | | Cochran |
| RDTE,AF | Shielding Rocket Payloads | 400,000 | Herseth Sandlin | Johnson, Thune |
| RDTE,AF | Silicon Carbide Electronics Material Producibility Initiative | 4,800,000 | Pickering | Cochran |
| RDTE,AF | Silicon Carbide Power Electronics for More Electric Aircraft | 3,200,000 | Pickering | Cochran, Wicker |
| RDTE,AF | Small Adaptive Cycle Turbine Engines | 1,600,000 | Kaptur | |
| RDTE,AF | Small Low-Cost Reconnaisance Spacecraft Components | 1,600,000 | Bishop (UT) | |
| RDTE,AF | Smart View Program (SVP) | 800,000 | Hobson | |
| RDTE,AF | Sonic Infrared Imaging Technology Development | 800,000 | | Stabenow |
| RDTE,AF | Space Control Test Capabilities | 1,600,000 | Everett, Aderholt, Rogers (AL) | Sessions, Shelby |
| RDTE,AF | Space Qualification of the Common Data Link | 1,600,000 | Cannon | Bennett |
| RDTE,AF | Space Situational Awareness | 1,200,000 | Edwards (TX) | |
| RDTE,AF | Space Situational Awareness—TCN Demonstration and Deployment | 3,000,000 | | Kennedy, Kerry |
| RDTE,AF | Strategic Biofuel Supply Program | 1,000,000 | Rodriguez | Hutchison |
| RDTE,AF | Super-Resolution Sensor System | 2,000,000 | | Allard |
| RDTE,AF | Sustainable Energy Vermont National Guard Demonstration Projects | 5,000,000 | | Leahy, Sanders |
| RDTE,AF | Synthetic Aperture Radar (SAR) Thunder Radar Pod (TRP) | 3,200,000 | Israel | Bond, Graham |
| RDTE,AF | Tactical Shelters Next Generation Composite Initiative | 1,600,000 | | Reid |
| RDTE,AF | Technical Order Modernization Environment | 1,440,000 | Kaptur | |
| RDTE,AF | Technology Insertion Demonstration and Evaluation (TIDE) | 3,200,000 | Doyle | |
| RDTE,AF | Texas Research Institute for Environmental Studies | 1,600,000 | Brady (TX) | |
| RDTE,AF | Thermal IR Processing and Exploitation Cell (TPEC) | 2,400,000 | Hobson | |
| RDTE,AF | Thin Film Amorphous Solar Arrays | 1,600,000 | | Levin |
| RDTE,AF | Tools and Technologies for Incident and Consequence Management | 800,000 | Moran (VA) | |
| RDTE,AF | Transportable Transponder Landing System | 4,000,000 | | Smith, Wyden |
| RDTE,AF | Ultra High Resolution Deployable Projector for Simulation | 3,200,000 | | Enzi |
| RDTE,AF | Ultra Low Power Electronics | 3,200,000 | | Craig, Crapo |
| RDTE,AF | Ultralight Aerospace Nanotube Conductors | 2,000,000 | Hodes | Sununu |
| RDTE,AF | Unmanned Aerial Systems Mission Planning and Operation Center | 400,000 | Moran (KS) | |
| RDTE,AF | Vortex Low Cost Rocket Engine | 2,400,000 | | Kohl |
| RDTE,AF | Warfighter Support Using HELIOS | 2,400,000 | Cramer | |
| RDTE,AF | Warner Robbins Air Logistics Center Special Operations Forces | 800,000 | Marshall | Chambliss, Isakson |
| RDTE,AF | WASH Oxygen Sensor and Cell-Level Battery Controller | 800,000 | Dreier | |
| RDTE,AF | Watchkeeper | 800,000 | Rehberg | Baucus, Tester |
| RDTE,AF | Weather Sensors for CoT | 1,600,000 | Moran (VA) | |
| RDTE,AF | Wideband Digital Airborne Electronic Sensing Array | 2,400,000 | | Reed, Whitehouse |
| RDTE,AF | WR-ALC Strategic Airlift Aircraft Availability Improvement | 3,360,000 | Kingston, Marshall | Chambliss, Isakson |
| RDTE,AF | XTC58F VAATE Small Turbo Fan Program | 3,600,000 | Pastor | |
| RDTE,DW | 3-D Electronics and Power | 2,400,000 | Calvert | |
| RDTE,DW | 3-D Technology for Advanced Sensor Systems | 1,440,000 | Simpson, Price (NC) | Craig, Crapo, Dole |
| RDTE,DW | Acinetobacter Baumannii Research | 2,000,000 | Pelosi | Boxer |
| RDTE,DW | Advanced Active Denial Planar Scanning Antenna System | 1,600,000 | Sherman, Gallegly | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,DW | Advanced Battery Technology | 2,300,000 | Young (FL) | |
| RDTE,DW | Advanced Craft Technology Demonstrators to Quantify and Mitigate Operator Injury | 2,000,000 | Davis (CA) | |
| RDTE,DW | Advanced Development of Mobile Rapid Response Prototypes | 1,600,000 | | Lautenberg, Menendez |
| RDTE,DW | Advanced Emergency Response Integrated Environment (AERIE) | 1,200,000 | Sestak | |
| RDTE,DW | Advanced Information Discovery and Analysis Capability for NSA | 1,200,000 | | Bennett, Hatch |
| RDTE,DW | Advanced Materials Research Institute | 2,400,000 | Jefferson | Landrieu, Vitter |
| RDTE,DW | Advanced Missile Simulation Technology for Intelligence Analysis | 1,280,000 | | Cochran |
| RDTE,DW | Advanced Mobile Microgrid | 2,720,000 | Rogers (MI), Conyers, Dingell | Levin, Stabenow |
| RDTE,DW | Advanced SAM Hardware Simulator Development | 5,000,000 | Johnson (GA), Bishop (GA), Cramer, Gingrey, Scott (GA) | Chambliss, Isakson |
| RDTE,DW | Advanced Scientific Missile Intelligence Preparation of the Battlespace (IPB) | 2,000,000 | Cramer | |
| RDTE,DW | Advanced Tactical Laser Flashlight Devices | 1,200,000 | Kilpatrick | |
| RDTE,DW | Advanced Tactical Threat Warning Radio (ATTWR) | 1,200,000 | Lofgren | Boxer |
| RDTE,DW | Advanced Technology Sensors and Payloads | 1,600,000 | Lewis (CA) | |
| RDTE,DW | Advanced, Long Endurance Unattended Ground Sensor Technologies | 3,600,000 | Pickering | Cochran |
| RDTE,DW | AELED IED Electronic Signature Detection | 3,200,000 | Murtha | |
| RDTE,DW | Agile JTRS Integrated Circuits | 1,600,000 | Capps | |
| RDTE,DW | Agile Software Capability Interventions | 1,600,000 | | Bond |
| RDTE,DW | Aging Systems Sustainment and Enabling Technologies | 2,000,000 | Lucas | Inhofe |
| RDTE,DW | Airborne Infrared Surveillance (AIRS) System | 800,000 | Sullivan, Boren | Inhofe |
| RDTE,DW | All-Source Content Management (ASCMAN) for Actionable Intelligence | 1,600,000 | | Bond |
| RDTE,DW | Antibody-Based Therapeutic Against Smallpox | 800,000 | Van Hollen | Cardin |
| RDTE,DW | Antioxiant Micronutrient Therapeutic Countermeasures for Chemical Agents | 800,000 | McCarthy (NY) | |
| RDTE,DW | Arctic Regional Supercomputer | 3,200,000 | | Stevens |
| RDTE,DW | Armed Forces Health and Food Supply Research | 5,000,000 | | Roberts |
| RDTE,DW | Augmented Reality to enhance Special Warfare Domain Awareness | 1,600,000 | Allen | Collins, Snowe |
| RDTE,DW | Autonomous Rendezvous/Formation Flight | 2,000,000 | | Reid |
| RDTE,DW | Bio Agent Early Warning Detector | 2,000,000 | Hoyer | Cardin |
| RDTE,DW | Bio-Butanol Production Research | 2,000,000 | Clyburn | |
| RDTE,DW | Biodefense Vaccine Development and Engineering of Antiviral Peptides | 1,600,000 | | Vitter |
| RDTE,DW | Biofuels Program | 1,600,000 | | Levin |
| RDTE,DW | Biological Threat Antibody Research | 1,600,000 | King (IA), Herseth Sandlin | |
| RDTE,DW | Biometric Signatures Research | 2,000,000 | | McConnell |
| RDTE,DW | Biometric Terrorist Watch-List Data Base Management Development | 1,600,000 | Ramstad, Shays, Tsongas | Coleman, Kerry, Lieberman |
| RDTE,DW | Biosurety Development and Management Program | 1,200,000 | Reyes | |
| RDTE,DW | BOPPER (Bioterrorism Operations Policy for Public Emergency Response) | 1,200,000 | Watt | Burr |
| RDTE,DW | Botulinum Neurotoxin Research | 1,600,000 | Baldwin | Kohl |
| RDTE,DW | Buoyancy Assisted Lift Air Vehicle | 2,500,000 | Napolitano, Sherman | |
| RDTE,DW | Camp Guernsey Joint Training and Experimentation Center | 6,000,000 | | Barrasso |
| RDTE,DW | Carbon Nanotube Chemical Detector | 800,000 | Edwards (TX) | |
| RDTE,DW | Carbon Nanotube Thin Film Devices for Portable Power | 1,600,000 | Lewis (CA) | |
| RDTE,DW | Catalytic Oxidation Integrated Demonstration | 2,400,000 | LaTourette, Pastor | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,DW | Cellulosic-Derived Biofuels Research Project | 4,000,000 | Chandler | |
| RDTE,DW | Center for Advanced Emergency Response | 4,400,000 | | Durbin |
| RDTE,DW | Center for Autonomous Solar Power (CASP) large-area, flexible PV energy research | 4,000,000 | Hinchey | Schumer |
| RDTE,DW | Center for Innovative Geospatial Technology | 10,000,000 | Lewis (CA) | |
| RDTE,DW | Center for Nonproliferation Studies, Monterey Institute for International Affairs | 1,200,000 | Berman | |
| RDTE,DW/GP | CEROS | 10,000,000 | | Inouye |
| RDTE,DW | Chemical Warfare Agent Fate Appropriate Response Tool | 1,600,000 | Kildee | |
| RDTE,DW | Chemical/Biological Infrared Detection System | 1,200,000 | | Collins |
| RDTE,DW | Chemical/Biological Preparedness Center for Advanced Development of Mobile Rapid Response Prototypes | 4,000,000 | Rothman | |
| RDTE,DW | Collaboration Gateway | 1,200,000 | Lewis (CA) | |
| RDTE,DW | Collection Management Tool Development | 1,440,000 | Cramer, Aderholt | Shelby |
| RDTE,DW | Combating Terrorism Technology Support Office/STAR-TEC Partnership Program | 2,400,000 | Young (FL) | |
| RDTE,DW | Commercial Denied Area Radargrammetry Mapping | 800,000 | | Allard, Salazar |
| RDTE,DW | Commodity Management System Consolidation program | 1,600,000 | | Byrd |
| RDTE,DW | Common UGV Command and Control for PSYOP Programs | 800,000 | Moran (VA) | |
| RDTE,DW | Communications-Capable Reconnaissance Imager | 800,000 | | Leahy |
| RDTE,DW | Comprehensive Maritime Domain Awareness | 4,500,000 | Young (FL) | |
| RDTE,DW | Comprehensive National Incident Management System | 2,000,000 | Moran (VA), Goode | Warner, Webb |
| RDTE,DW | Connectory Expansion for Rapid Identification of Technology Sources for DoD | 400,000 | Hunter | |
| RDTE,DW | Contaminated Human Remains Pouch | 1,600,000 | | Brownback, Roberts |
| RDTE,DW | Continuation of Advanced Materials (Mercuric Iodide) Research for Nuclear Detection, Counter-Proliferation and Imaging for CBRNE Special Operations | 800,000 | Young (FL) | |
| RDTE,DW | Continuation of Industry Based Research into Biological Agent Identifiers without Wet Reagents | 1,600,000 | Young (FL) | |
| RDTE,DW | Continued Expansion of Prototypes for the Destruction of Airborne Pathogens Project | 800,000 | Slaughter | |
| RDTE,DW | Continuous Acquisition and Life-Cycle (CALS) and Integrated Data Environment and Defense Logistics Enterprise Services Program | 3,200,000 | | Byrd |
| RDTE,DW | Copper-Based Casting Technology Applications | 2,800,000 | Perlmutter | Salazar |
| RDTE,DW | Corrosion Engineering Education Initiative | 800,000 | Regula, Ryan (OH), Sutton | |
| RDTE,DW | Countering Missile-related Technology Proliferation | 2,000,000 | Goode | |
| RDTE,DW | Countermeasures to Chemical/Biological Control-Rapid Response | 2,400,000 | Young (FL) | Nelson (FL) |
| RDTE,DW | Covert Communications for SOF Operations | 1,600,000 | Gingrey | Chambliss, Isakson |
| RDTE,DW | Covert Sensing and Tagging System (CSTS) | 1,200,000 | Moran (VA) | |
| RDTE,DW | C-Scout Container Security System | 2,400,000 | | Reid |
| RDTE,DW | CV-22 Helmet Mounted Display | 2,000,000 | Young (FL) | Bayh, Lugar |
| RDTE,DW | Defense Command Integration Center | 880,000 | Moore (KS), Boyda | Brownback |
| RDTE,DW | Defense Fuelcell Locomotive | 2,000,000 | | Brownback |
| RDTE,DW | Defense Leadership and Technology Initiative | 2,400,000 | Bishop (GA); Cummings; Davis (IL); Jackson-Lee; Johnson, Eddie Bernice; Lee; Meek; Norton; Ruppersberger; Sestak; Watt | Schumer |
| RDTE,DW | Defense Support to Large Scale Disaster Preparedness | 800,000 | | Landrieu, Vitter |
| RDTE,DW | Defense Through Early Containment | 1,200,000 | Towns | |
| RDTE,DW | Department of Defense Corrosion Program | 12,000,000 | | Cochran, Wicker |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,DW | Directed Energy Systems for UAV Payloads | 800,000 | Tiahrt | |
| RDTE,DW | Disaster Response: Communications and Other Infrastructure Restoration | 4,000,000 | | Crapo |
| RDTE,DW | Distributed Network Switching | 2,000,000 | Sanchez, Loretta | Boxer |
| RDTE,DW | DNA Safeguard | 1,200,000 | | Craig, Crapo |
| RDTE,DW | Document Analysis and Exploitation | 1,600,000 | Dent | Casey, Specter |
| RDTE,DW | Document and Media Search and Discovery (DMSD) | 1,440,000 | | Cochran, Wicker |
| RDTE,DW | Dual Use Technologies for Bio-Defense: Drug Design and Delivery of Novel Therapeutics | 1,200,000 | Diaz-Balart, Mario | |
| RDTE,DW | EDIT Technology for Counter-Tunnel Operations and Cache Detection | 800,000 | Udall (NM) | Domenici |
| RDTE,DW | Electric Grid Reliability/Assurance | 1,200,000 | Simpson | Craig, Crapo |
| RDTE,DW | Electronics and Materials for Flexible Sensors and Transponders | 3,200,000 | Pomeroy | Conrad, Dorgan |
| RDTE,DW | Emerging Critical Interconnection Tech | 2,000,000 | Ellsworth | Bayh, Lugar |
| RDTE,DW | Enhanced Simulation for IO Capabilities | 5,120,000 | | Cochran, Wicker |
| RDTE,DW | Environmentally Friendly Aircraft Decontamination Systems | 1,600,000 | LaTourette | |
| RDTE,DW | Environmentally Friendly Nanometal Electroplating Processes for Cadmium and Chromium Replacement | 5,304,000 | Obey | |
| RDTE,DW | Environmentally Intelligent Moisture and Corrosion Control | 2,000,000 | Visclosky | Lautenberg, Menendez |
| RDTE,DW | Expeditionary Persistent Power (USSOCOM) | 1,600,000 | Shuster | |
| RDTE,DW | Explosively Formed Projectile Iron Curtain | 800,000 | Moran (VA) | |
| RDTE,DW | Ex-Rad Radiation Protection Program | 5,000,000 | | Lautenberg, Menendez |
| RDTE,DW | Extended-Lifetime Radioisotope Batteries | 1,600,000 | Price (NC) | Burr |
| RDTE,DW | Eye-Safe Long Range Stand-off System for Detection of Chemical and Biological Weapons | 1,500,000 | Cubin | Enzi |
| RDTE,DW | Facial Recognition Technology Initiative | 2,000,000 | Klein | |
| RDTE,DW | Facility Security Using Tactical Surveys | 2,400,000 | Lewis (CA) | |
| RDTE,DW | Feature Size Migration at DMEA AMRS Boundary | 2,000,000 | Lungren, Matsui | |
| RDTE,DW | Ferroelectric Component Technology | 1,200,000 | Peterson (PA) | Casey, Specter |
| RDTE,DW | Field Experimentation Program for Special Operations | 1,600,000 | Farr | |
| RDTE,DW | First Link | 2,000,000 | Murtha | |
| RDTE,DW | Flashlight Soldier-to-Soldier Combat Identification System (FSCIS) | 5,600,000 | Granger, Rodriguez | Cornyn |
| RDTE,DW | Florida Defense Manufacturing Supply Chain Initiative | 2,000,000 | Brown (FL) | |
| RDTE,DW | Foliage Penetrating Reconnaissance and Surveillance System | 3,200,000 | | Akaka |
| RDTE,DW | Full Scale Impact and Blast Loading Laboratory Testing Program | 1,600,000 | Davis (CA) | Boxer |
| RDTE,DW | Generation II Special Operation Forces Internally Transported Vehicle (SOF-ITV) | 1,600,000 | Waters | |
| RDTE,DW | Gulf Range Mobile Instrumentation Capability | 800,000 | Miller (FL) | |
| RDTE,DW | Helicopter Cable Warning and Obstacle Avoidance | 800,000 | Harman | Isakson |
| RDTE,DW | High Assurance Cross Domain Solutions for High Performance Computing Center Net-Centric Operations | 2,000,000 | | Sununu |
| RDTE,DW | High Assurance Cross Domain Technology Development | 2,000,000 | Bilirakis | Sununu |
| RDTE,DW | High Performance Computational Design of Novel Materials | 2,480,000 | | Cochran |
| RDTE,DW | High Performance Tunable Materials | 2,400,000 | | Conrad, Dorgan |
| RDTE,DW | High Speed, High Volume Laboratory Network for Infectious Diseases | 5,000,000 | Pelosi, Udall (NM) | Boxer, Domenici |
| RDTE,DW | High-Pressure Mobile Water Delivery System | 800,000 | Walberg | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,DW | Hostile Fire Indicating System | 800,000 | Barton, Sestak | |
| RDTE,DW | Hybrid Power Generation System | 1,200,000 | Simpson | Crapo |
| RDTE,DW | HyperAcute Vaccine Development | 2,400,000 | Latham | Grassley, Harkin |
| RDTE,DW | IM Formulation Development of Anthrax Therapeutic | 800,000 | Frelinghuysen | Lautenberg, Menendez |
| RDTE,DW | Improved Chemical, Biological, and Radiological Filters | 1,600,000 | | Warner, Webb |
| RDTE,DW | Improved Collapsible Urethane-Fuel Storage Tanks (ICU-FST) | 1,600,000 | Regula; Davis, David; Ryan (OH) | |
| RDTE,DW | Improved Commercial Integration (ICI) | 800,000 | | Allard |
| RDTE,DW | Improved Information Transfer for Special Forces | 2,400,000 | Young (FL) | |
| RDTE,DW | Improved LAS Glass-Ceramic Laminated Armored Window Systems | 1,600,000 | Duncan | |
| RDTE,DW | In Transit Visibility System | 800,000 | Brady (PA) | |
| RDTE,DW | In Vitro Models for Biodefense Vaccines | 1,000,000 | Brown (FL) | Martinez, Nelson (FL) |
| RDTE,DW | Indiana Complex Operations Partnership | 2,000,000 | Hill | Bayh, Lugar |
| RDTE,DW | Indium Based Nitride Technology Development | 3,000,000 | Clyburn | |
| RDTE,DW | Infections Disease Research (AMNH) for Defense Research Sciences | 2,000,000 | Lowey, Nadler | |
| RDTE,DW | Inland Empire Perchlorate Wellhead Treatment | 2,000,000 | Baca | Boxer |
| RDTE,DW | Institute for Collaborative Sciences Research | 1,200,000 | Meek | |
| RDTE,DW | Institute for Information Security | 2,500,000 | | Inhofe |
| RDTE,DW | Institute of Advanced Flexible Manufacturing Systems | 7,000,000 | | Byrd |
| RDTE,DW | Integrated Analysis Environment | 1,200,000 | Moran (VA) | |
| RDTE,DW | Integrated Bridge System | 1,200,000 | Mollohan | |
| RDTE,DW | Integrated Cryo-cooled High Power Density Systems | 1,600,000 | Boyd | Nelson (FL) |
| RDTE,DW | Integrated Signature Production and Exploitation | 800,000 | Johnson (IL) | |
| RDTE,DW | Integration of Force XXI Battle Command, Brigade & Below (FBCB2) with Tactical Handheld Digital Devices (THDD) | 1,200,000 | | Shelby |
| RDTE,DW | Intelligence Analyst Education and Training | 3,900,000 | | Cochran, Wicker |
| RDTE,DW | Intelligent Decision Exploration | 3,600,000 | | Inouye |
| RDTE,DW | Intelligent Remote Sensing for Urban Warfare Operations | 2,400,000 | Sestak, Fattah | |
| RDTE,DW | Joint Ground Robotics Enterprise Modeling, Simulation, Analysis Project | 800,000 | Emerson | |
| RDTE,DW | Joint Gulf Range Complex Upgrade | 1,200,000 | Miller (FL) | |
| RDTE,DW | Joint Services Aircrew Mask Don/Doff In-flight Upgrade | 1,600,000 | Castle | Biden, Carper |
| RDTE,DW | Laboratory for High Performance Computational Systems | 1,600,000 | Cramer | |
| RDTE,DW | Large Scale Single-Use Bioreactor for Rapid Response to Bioterrorism | 800,000 | Rogers (MI) | |
| RDTE,DW | Liquid Crystal Sensor Technology Research and Development for Force Protection | 2,400,000 | Baldwin | Kohl |
| RDTE,DW | Lithium Ion Battery Safety Detection and Control of Impending Catastrophic Failures | 1,600,000 | | Bayh, Lugar |
| RDTE,DW | Long-range Tagging and Locating System | 800,000 | | Hutchison |
| RDTE,DW | Low Cost Stabilized Turret | 1,600,000 | Crenshaw | |
| RDTE,DW | Machine Augmented Composite Armor | 800,000 | Rodriguez | |
| RDTE,DW | Managing and Extending DoD Asset Lifecycles | 2,500,000 | Abercrombie | Akaka |
| RDTE,DW | Maritime UAS Demonstration for the SOUTHCOM Region | 3,000,000 | | Cochran |
| RDTE,DW | MDIOC Modeling and Simulation | 10,000,000 | Lamborn | Allard, Salazar |
| RDTE,DW | MHPCC | 5,000,000 | | Inouye |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,DW | Micro-Power Special Operations Generator | 1,600,000 | Capuano | |
| RDTE,DW | Military/Law Enforcement Counterterrorism Test Bed | 2,400,000 | Young (FL) | |
| RDTE,DW | MilTech Expansion Program | 1,600,000 | | Baucus, Tester |
| RDTE,DW | Miniature, Remote Wideband Survey, Collection, and Recording System | 800,000 | Cramer | |
| RDTE,DW | Miniaturized Chemical Detector for Chemical Warfare Protection (ChemPen) | 1,600,000 | McGovern, Olver | |
| RDTE,DW | Mismatch Repair Derived Antibody Medicines to Treat Staphylococcus-derived Bio-weapons | 1,600,000 | Gerlach, Sestak | Specter |
| RDTE,DW | Mixed Oxidants for Chem Bio Decontamination | 2,800,000 | Boyd | |
| RDTE,DW | Mobile Continuous Air Monitor (MCAM) | 1,600,000 | Brown (FL) | |
| RDTE,DW | Mobile Sensor Enhancement to BMD Sensors Network | 4,000,000 | Langevin | Kennedy, Vitter |
| RDTE,DW | Modeling and Simulation Standards Development | 640,000 | Forbes | |
| RDTE,DW | Morehouse College, John Hopps Program | 1,600,000 | Bishop (GA), Lewis (GA) | Chambliss, Isakson |
| RDTE,DW | Multiple Applications for Light Activated, Reactive Materiels for the Protection of the Warfighter, First Responder, and Public Health | 1,600,000 | Graves | |
| RDTE,DW | Multiple Target Tracking Optical Sensor Array Technology | 5,000,000 | | Akaka |
| RDTE,DW | Multi-Purpose Biodefense Immunoarray | 800,000 | DeLauro | Dodd, Mikulski |
| RDTE,DW | Multi-Spectral Laboratory (UML) and Analytical Services Center (ASCENT) Program | 1,600,000 | Lucas | Inhofe |
| RDTE,DW | Multivalent Marburg, Ebola Filovirus Vaccine Program | 3,500,000 | Brown (SC) | Graham |
| RDTE,DW | Nano Porous Hollow Fiber Regenerative Chemical Filter | 1,000,000 | Hayes | |
| RDTE,DW | National Biometrics Security Project | 3,200,000 | | Byrd |
| RDTE,DW | National Consortium for MASINT Research | 3,000,000 | | Bingaman, Cardin |
| RDTE,DW | National Nuclear Security Agency (NNSA ) Metals Declassification for Reuse by DoD in Armaments | 2,720,000 | Granger | |
| RDTE,DW | National Repository of Digital Forensic Intelligence (NRDFI) and the Center for Tele-communications and Network Security (CTANS) | 1,200,000 | Lucas | Inhofe |
| RDTE,DW | Naval Research Lab Supercomputing Information Prototype | 2,800,000 | Obey | |
| RDTE,DW | Networked Standoff Biological LIDAR | 1,200,000 | Moran (VA) | |
| RDTE,DW | New England Defense Manufacturing Supply Chain Initiative | 800,000 | Michaud, Allen, Hodes, McGovern | Collins, Dodd, Kennedy, Kerry, Leahy, Lieberman, Reed, Sanders, Snowe, Whitehouse |
| RDTE,DW | New Mexico State University Institute for Defense and Public Policy | 10,000,000 | | Bingaman |
| RDTE,DW | Next Generation Intelligent Portable Radionuclide Detection and Identification Sys-tems | 1,600,000 | English | Specter |
| RDTE,DW | Next Generation Respiratory Protection | 2,400,000 | | Johnson, Thune |
| RDTE,DW | NIDS Improved Handheld Biological Agent Detector | 1,600,000 | Castle | Biden, Carper |
| RDTE,DW | Night Vision Sensor | 1,000,000 | Hirono | |
| RDTE,DW | Northwest Defense Manufacturing Initiative | 1,600,000 | Walden, Blumenauer, DeFazio, Hooley, Wu | Murray, Smith, Wyden |
| RDTE,DW | Northwest Maritime Information and Littoral Operations Program | 2,800,000 | Dicks | |
| RDTE,DW | Novel System for Developing Therapeutics Against Botulism | 4,000,000 | Fortenberry | Hagel, Nelson (NE) |
| RDTE,DW | Novel Viral Biowarfare Agent Identification and Treatment (NOVBAIT) | 4,000,000 | Pelosi | |
| RDTE,DW | On-Site Alternative Fuel Manufacturing System | 1,200,000 | Carney | |
| RDTE,DW | Pacific Data Conversion and Technology Program | 1,000,000 | | Akaka, Inouye |
| RDTE,DW | Pacific Region Interoperability Test and Evaluation Capability | 3,000,000 | | Inouye |
| RDTE,DW | Partnership for Defense Innovation Wi-Fi Laboratory Testing and Assessment Center | 2,000,000 | Hayes | Burr |
| RDTE,DW | Pat Roberts Intel Scholars Program (PRISP) | 2,000,000 | | Roberts |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,DW | Photo Catalytic Oxidation (PCO) Demonstration for Water Reuse | 2,400,000 | Visclosky | |
| RDTE,DW | Photovoltaic Power Supply for Autonomous Sensors | 2,400,000 | Etheridge | |
| RDTE,DW | Picoceptor and Processor for Man-portable Threat Warning | 3,500,000 | | Gregg |
| RDTE,DW | Plant Vaccine Development | 1,600,000 | Castle | Biden, Carper |
| RDTE,DW | Playas Training and Research Center Joint Training Experiment | 4,800,000 | Wilson (NM) | Bingaman, Domenici |
| RDTE,DW | Port and Hull Security 3D, Real Time Sonar System—Echoscope | 1,600,000 | Young (FL) | |
| RDTE,DW | Portable Rapid Bacterial Warfare Detection Unit | 4,000,000 | Boswell, Latham | Grassley, Harkin |
| RDTE,DW | Preventing Long-Term Brain and Lung Damage Caused by Battlefield Trauma Project | 2,900,000 | Slaughter, Higgins | Schumer |
| RDTE,DW | Protection from Oxidative Stress | 1,600,000 | | Harkin |
| RDTE,DW | Protective Self-Decontaminating Surfaces | 1,600,000 | Grijalva, Aderholt | Shelby |
| RDTE,DW | Radio Inter-Operability System (RIOS) | 800,000 | Moran (VA) | |
| RDTE,DW | Random Obfuscating Compiler Anti-Tamper Software | 1,600,000 | Michaud | Collins, Snowe |
| RDTE,DW | Range Element Network Enterprise Technology (RE-NET) | 4,000,000 | Kingston, Bishop (GA) | Chambliss, Isakson |
| RDTE,DW | Rapid Forensic Evaluation of Microbes in Biodefense | 1,000,000 | Murtha | |
| RDTE,DW | Rapid Response Institute | 3,200,000 | Pallone, Saxton, Smith (NJ) | Lautenberg, Menendez |
| RDTE,DW | Reactive Overlay and Removable CBRN Coatings | 1,600,000 | McDermott | Murray |
| RDTE,DW | Recombinant BChE Formulation Program | 1,600,000 | Sarbanes | Cardin |
| RDTE,DW | Reliability Testing of Lead-Free Circuits/Components | 1,440,000 | Visclosky | |
| RDTE,DW | Remote Sensor Network Services Platform | 2,000,000 | | Conrad, Dorgan |
| RDTE,DW | Renewable Fuel Systems for Defense Applications | 3,200,000 | Andrews, Sires | Lautenberg, Menendez |
| RDTE,DW | Research of Chemical and Biological Warfare Agents | 800,000 | Rangel | |
| RDTE,DW | Research on a Molecular Approach to Hazardous Materials Decontamination | 1,200,000 | | Craig, Crapo |
| RDTE,DW | Robotic Mobility Platform System | 1,200,000 | Boyd | Gregg |
| RDTE,DW | Roll-On, Roll-Off Reconnaissance, Surveillance, and Special Mission Palletized System | 4,000,000 | Murtha | |
| RDTE,DW | Scalable Topside Array Radar Demonstrator | 800,000 | Gilchrest, Bartlett, Ruppersberger, Sarbanes | Cardin, Mikulski |
| RDTE,DW | SeaCatcher UAS Launch and Recovery System | 1,600,000 | Sarbanes | |
| RDTE,DW | SEAL Delivery Vehicle (SDV) Integrated Combat System (ICS) | 3,200,000 | Murtha | |
| RDTE,DW | Secure Media and ID Card Development | 240,000 | | Reid |
| RDTE,DW | Secure, Miniaturized, Free Space, Optical Communications | 2,000,000 | Rothman | Lautenberg, Menendez |
| RDTE,DW | Security for Critical Communication Networks | 3,600,000 | Rothman, Sires | Lautenberg, Menendez |
| RDTE,DW | Semiconductor Photomask Technology Infrastructure Initiative | 2,400,000 | Tauscher | |
| RDTE,DW | Shock Trauma Research Center | 2,000,000 | Cleaver | |
| RDTE,DW | Signal Intelligence and Electronic Warfare Developments for Integration of SOF Systems | 1,600,000 | Brown (SC) | Graham |
| RDTE,DW | Simultaneous Field Radiation Technology (SFRT) | 2,300,000 | Pickering | Cochran, Wicker |
| RDTE,DW | Small Assault Vehicle Expeditionary (SAVE) | 800,000 | | Landrieu |
| RDTE,DW | Smart Bomb Millimeter Wave Radar Guidance System | 2,000,000 | | Cochran |
| RDTE,DW | Smart, Modular Regenerative Off-Grid Hydrogen Fuel Cell | 1,000,000 | Larson | Dodd |
| RDTE,DW | SOF Mission Training and Preparation Systems Interoperability | 1,600,000 | Young (FL) | |
| RDTE,DW | Software Assurance Education and Research Institute | 800,000 | Kilpatrick, Conyers | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,DW | Space-Based Interceptor Study | 5,000,000 | | Allard, Inhofe, Kyl, Sessions |
| RDTE,DW | Spartan Advanced Composite Technology | 1,600,000 | | Conrad, Dorgan |
| RDTE,DW | Spintronics Memory Storage Technology | 2,400,000 | Lewis (CA) | |
| RDTE,DW | Strategic Materials and Silicon Carbide Optics | 4,400,000 | | Inouye |
| RDTE,DW | Superlattice Nanotechnology | 2,000,000 | Hayes | Burr, Dole |
| RDTE,DW | Superstructural Particle Evaluation and Characterization with Targeted Reaction Analysis (SPECTRA) | 1,200,000 | | Burr, Dole |
| RDTE,DW | Surface Enhanced Infrared Detection of Threats | 1,200,000 | Edwards (TX) | |
| RDTE,DW | Synthetic Fuel Innovation | 4,000,000 | | Byrd |
| RDTE,DW | Tactical Biometrics Operating and Surveillance System (TBOSS) | 1,600,000 | Capito | |
| RDTE,DW | Technology for Shallow Water Special Operations Forces Mobility | 2,400,000 | Boyd | Nelson (FL) |
| RDTE,DW | Technology Infusion Cell (TIC) | 1,000,000 | Hayes | |
| RDTE,DW | Terahertz High-Resolution Portable Explosives Detector | 800,000 | Schiff | |
| RDTE,DW | Total Perimeter Surveillance | 1,000,000 | Walberg | Stabenow |
| RDTE,DW | Tunable MicroRadio for Military Systems | 4,800,000 | | Conrad, Dorgan |
| RDTE,DW | UAV Situational Awareness System | 1,000,000 | Drake | |
| RDTE,DW | UAV Systems Operations Validation Program (USOVP) | 5,000,000 | Pearce, Wilson (NM) | Bingaman, Domenici |
| RDTE,DW | Ultra Low Power Electronics for Special Purpose Computers | 1,600,000 | | Craig, Crapo |
| RDTE,DW | Ultra Photonics Program | 1,280,000 | Barrett | |
| RDTE,DW | Ultra Portable Unmanned Surveillance Helicopter | 1,000,000 | Murtha | |
| RDTE,DW | Ultrahigh-Strength Steel for Landing Gear | 2,000,000 | Hobson | |
| RDTE,DW | Ultra-rapid Next Generation Pathogen Identification | 2,000,000 | | Cochran |
| RDTE,DW | UML UAV/UAS Test Facility | 2,400,000 | Cole | |
| RDTE,DW | Unified Management Infrastructure System | 1,200,000 | Schakowsky | |
| RDTE,DW | University Strategic Partnership | 3,200,000 | Wilson (NM) | Bingaman, Domenici |
| RDTE,DW | Unmanned Aerial Vehicle Avionics Upgrade (UAVAU) | 1,200,000 | | Specter |
| RDTE,DW | Unmanned Aerial Vehicles | 1,200,000 | | Stevens |
| RDTE,DW | Vaccine Development Program | 800,000 | Pascrell | Lautenberg, Menendez |
| RDTE,DW | Vacuum Sampling Pathogen Collection and Concentration | 3,200,000 | Simpson | Craig, Crapo |
| RDTE,DW | Validation of an Enhanced Urban Air Blast Tool | 2,400,000 | Nadler | Schumer |
| RDTE,DW | Vehicle Fuel Cell and Hydrogen Logistics Program | 8,000,000 | | Levin |
| RDTE,DW | Vet-Biz Initiative for National Sustainment (VINS) | 2,000,000 | Sarbanes | Mikulski |
| RDTE,DW | ViriChip Rapid Virus Detection Systems | 1,600,000 | | Harkin |
| RDTE,DW | Weapons Shot Counter | 1,400,000 | | McConnell |
| RDTE,DW | Wiring Integrity Technology | 1,600,000 | Bishop (GA), Marshall | |
| RDTE,DW | X-Band/W-Band Solid State Power Amplifier | 1,600,000 | Young (FL) | |
| RDTE,DW | Zumwalt National Program for Countermeasures to Biological and Chemical Threats | 1,200,000 | Neugebauer | |
| RDTE,N | 76mm Swarmbuster Capability | 1,600,000 | Crenshaw | |
| RDTE,N | Accelerated Improvement for Active Surface Electronic Warfare Systems | 1,600,000 | Moran (VA) | |
| RDTE,N | Accelerating Fuel Cells Manufacturability and their Application in the Armed Forces | 2,400,000 | Slaughter | Schumer |
| RDTE,N | ACINT (MASINT) Tape Digitization Program | 2,000,000 | | Inhofe |
| RDTE,N | Acoustic Research Detachment Large Scale Vehicles Operations Enhancement | 480,000 | Sali | Craig, Crapo |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Acoustic Research Detachment Test Support Platform Upgrade | 1,500,000 | Sali | Craig, Crapo |
| RDTE,N | Adaptive Diagnostic Electronic Portable Testset (ADEPT) | 800,000 | Schwartz | |
| RDTE,N | Adelos National Security Sensor System | 2,000,000 | | Baucus, Tester |
| RDTE,N | Advanced Airship Flying Laboratory, AAFL Phase 2 | 1,600,000 | | Smith, Wyden |
| RDTE,N | Advanced Composite Maritime Manufacturing | 2,000,000 | Castle | Biden, Carper |
| RDTE,N | Advanced Continuous Active Sonar for UUVs | 2,500,000 | | Craig, Crapo |
| RDTE,N | Advanced Fluid Controls for Shipboard Applications Phase III | 2,500,000 | Garrett | Lautenberg, Menendez |
| RDTE,N | Advanced High Energy Density Surveillance Power Module | 2,400,000 | Baldwin | Kohl |
| RDTE,N | Advanced Linear Accelerator (LINAC) Facility | 3,200,000 | Hill | Bayh, Lugar |
| RDTE,N | Advanced Logistics Fuel Reformer for Fuel Cells | 2,400,000 | DeLauro | Dodd |
| RDTE,N | Advanced Molecular Medicine Initiative | 2,000,000 | Solis, Dreier | |
| RDTE,N | Advanced Naval Logistics | 1,600,000 | | Casey, Specter |
| RDTE,N | Advanced Repair Technology for the Expeditionary Navy | 800,000 | Capps | |
| RDTE,N | Advanced Ship Self Defense Technology Testing | 4,000,000 | Bishop (UT) | Bennett, Hatch |
| RDTE,N | Advanced Simulation Tools for Aircraft Structures Made of Composite Materials | 1,200,000 | Clay | Bond |
| RDTE,N | Advanced Steam Turbine | 1,600,000 | Kuhl | Schumer |
| RDTE,N | Advanced Tactical Control System (ATCS) | 1,600,000 | Frank, Olver | Kennedy, Kerry, Reed |
| RDTE,N | AEGIS Combat Information Center Modernization | 4,000,000 | Murtha | |
| RDTE,N | Affordable Weapons System | 11,200,000 | Hunter, Gallegly | |
| RDTE,N | Agile Laser Eye Protection | 800,000 | Walsh | Schumer |
| RDTE,N | Agile Port and High Speed Ship Technology | 6,000,000 | Sánchez, Linda | |
| RDTE,N | Aging Military Aircraft Fleet Support | 1,600,000 | Tiahrt | Brownback, Roberts |
| RDTE,N | Air Combat Environment Test and Evaluation Facility Upgrade | 3,000,000 | Hoyer | Cardin, Mikulski |
| RDTE,N | Air Sentinel | 1,000,000 | | Inouye |
| RDTE,N | Airborne Mine Countermeasures Open Architecture Technology Insertion | 2,000,000 | Davis (VA) | |
| RDTE,N | Aircraft Composite Rocket Launcher Improvement | 2,500,000 | McCarthy (NY) | |
| RDTE,N | All Weather Sense and Avoid Sensors for UAVs | 2,500,000 | Hoyer | Cardin, Mikulski |
| RDTE,N | Amelioration of Hearing Loss | 1,000,000 | | Baucus, Tester |
| RDTE,N | Analytics for Shipboard Monitoring Systems | 1,600,000 | Drake | |
| RDTE,N | Arc Fault Circuit Breaker with Arc Location System | 1,000,000 | Matheson | Bennett, Hatch |
| RDTE,N | Assault Directed Infrared Countermeasures | 2,000,000 | Rothman | |
| RDTE,N | Assistive Technologies for Injured Servicemembers | 1,600,000 | | Martinez |
| RDTE,N | ASW Training Interoperability Enterprise Demonstration Test Bed | 1,600,000 | Dicks | |
| RDTE,N | Automated Fiber Optic Manufacturing Initiative | 2,800,000 | Drake, Scott (VA) | Warner, Webb |
| RDTE,N | Automated Readiness Measurement System (ARMS) | 2,800,000 | Davis (VA), Courtney, Drake | Warner, Webb |
| RDTE,N | Autonomous Acoustic Array Advanced Tubular Solid Oxide Fuel Cell | 2,000,000 | Olver | Kennedy |
| RDTE,N | Autonomous Anti-Submarine Vertical Beam Array | 1,600,000 | Miller (NC), Coble | Burr |
| RDTE,N | Autonomous Marine Sensors and Networks for Rapid Littoral Assessment | 1,600,000 | Young (FL) | |
| RDTE,N | Autonomous Power Management for Distributed Operation | 400,000 | | Conrad, Dorgan |
| RDTE,N | Autonomous Unmanned Surface Vessel | 1,200,000 | | Akaka |
| RDTE,N | Autonomous Unmanned Undersea Vehicle (UUV) Delivery and Communication (AUDAC) Implementation | 2,800,000 | Dicks, Inslee | Murray |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Base Level Inventory Tracking System Enhancements | 2,800,000 | | Vitter |
| RDTE,N | Bio/Nano-MEMS for Defense Applications | 1,500,000 | | McConnell |
| RDTE,N | Biochemical Agent Detection | 800,000 | Edwards (TX) | |
| RDTE,N | Biosensors for Defense Applications | 2,000,000 | | Landrieu |
| RDTE,N | Boat Trap System for Port Security/Water Craft Interdiction | 2,400,000 | Markey, Welch | Leahy |
| RDTE,N | Bow Lifting Body Ship Research | 6,240,000 | Kagen, Stupak | Inouye |
| RDTE,N | C-Band Radar Replacement Development | 4,000,000 | Young (FL) | |
| RDTE,N | Center for Applied Research in Intelligent Autonomous Systems | 2,400,000 | Sestak, Fattah | Casey, Specter |
| RDTE,N | Center for Commercialization of Advanced Technology | 2,500,000 | Lewis (CA), Davis (CA) | |
| RDTE,N | Center for Quantum Studies | 1,200,000 | | Warner, Webb |
| RDTE,N | Chafing Protection System | 1,200,000 | Pomeroy | Conrad, Dorgan |
| RDTE,N | Collective Aperture Multi-Band Sensor System | 3,500,000 | | Gregg, Sununu |
| RDTE,N | Combustion Light Gas Gun Projectile | 4,000,000 | | Byrd |
| RDTE,N | Common Architecture Imaging System (CAIS) Program | 800,000 | Sherman | |
| RDTE,N | Common Below Decks Affordable Architecture | 3,200,000 | Young (FL) | |
| RDTE,N | Common Expeditionary Force Protection System Architecture | 4,000,000 | Kennedy | Reed |
| RDTE,N | Compact Ultra-fast Laser System Development | 1,600,000 | Ellsworth | Bayh, Lugar |
| RDTE,N | Composite Materials Enhancements through Polymer Science Research and Development | 2,240,000 | | Cochran |
| RDTE,N | Composite Tissue Transplantation for Combat Wounded Repair | 2,000,000 | | Chambliss |
| RDTE,N | Computational Modeling and High Performance Computing in Advanced Material Processing, Synthesis and Design | 1,200,000 | Watt | |
| RDTE,N | Condition-based Maintenance Enabling Technologies Program | 2,400,000 | | Byrd |
| RDTE,N | Cooperative Engagement Capability | 4,800,000 | Young (FL) | |
| RDTE,N | Countermine Lidar UAV-based System | 1,200,000 | Taylor | Cochran |
| RDTE,N | Covert Robust Location Aware Wireless Network | 1,600,000 | Sanchez, Loretta | |
| RDTE,N | Cross-Domain Network Access System | 800,000 | Johnson (IL) | Durbin |
| RDTE,N | Data Acquisition Reporting and Trending System (DARTS) | 2,400,000 | Brady (PA) | |
| RDTE,N | DDG 51 Permanent Magnet Hybrid Electric Propulsion System | 7,600,000 | Bartlett, Murphy (CT), Olver, Tsongas | Dodd, Kennedy, Kohl, Lieberman |
| RDTE,N | DDG-51 Hybrid Drive System | 6,600,000 | | Cochran, Wicker |
| RDTE,N | Defense Modernization and Sustainment Initiative | 5,000,000 | Kuhl | |
| RDTE,N | Deployable Command and Control Vehicle | 1,200,000 | Boyd | |
| RDTE,N | DEPUTEE—High Powered Microwave Non-Lethal Vehicle/Vessel Engine Disabling | 1,600,000 | | Baucus, Bingaman |
| RDTE,N | Desktop Virtual Trainer Follow-On | 2,400,000 | Murtha | |
| RDTE,N | Detection and Neutralization of Electronically Initiated Improvised Explosive Devices | 2,000,000 | Emerson | |
| RDTE,N | Detection, Tracking, and Identification for ISRTE of Mobile and Asymmetric Targets | 1,600,000 | | Akaka |
| RDTE,N | Digital Directed Manufacturing Project | 1,700,000 | Yarmuth | McConnell |
| RDTE,N | Digital Modular Radio (DMR) | 2,000,000 | Pastor | |
| RDTE,N | Digitization, Integration, and Analyst Access of Investigative Files, NCIS | 1,600,000 | | Byrd |
| RDTE,N | Directed Energy Initiative | 1,760,000 | | Warner, Webb |
| RDTE,N | Disposable Biocidal Medical Masks for NAMRU Evaluation | 800,000 | | Leahy |
| RDTE,N | Distributed Maritime Surveillance System | 1,600,000 | | Hutchison |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Distributed Targeting Processor | 2,400,000 | Weldon | |
| RDTE,N | Domain Specific Knowledge Capture Interface | 1,360,000 | Carney | |
| RDTE,N | Durability, Energy Saving and Sustainability of Oceanic Vehicles and Support Infrastructure Through Use of Nanotech Lubricants | 800,000 | | Lincoln, Pryor |
| RDTE,N | E-Beam Free Form Repair Qualification | 1,200,000 | Lipinski, Inslee | |
| RDTE,N | Electrochemical Field Deployable System for Water Generation | 2,800,000 | Berkley | Ensign, Reid |
| RDTE,N | Electromagnetic Signature Assessment System using Multiple AUVs | 1,600,000 | | Craig, Crapo |
| RDTE,N | Electronic Motion Actuation Systems | 800,000 | Latta, Higgins, Shuler, Sutton | Bennett, Dole, Hatch, Voinovich |
| RDTE,N | Energetics S&T Workforce Development | 4,500,000 | Hoyer | Cardin, Mikulski |
| RDTE,N | Energy Efficient Gallium Nitride Semiconductor Technology | 1,040,000 | Visclosky, Capps | |
| RDTE,N | Enhanced Special Weapons/Nuclear Weapons Security program | 1,600,000 | Hooley, Wu | Smith, Wyden |
| RDTE,N | Environmentally Sealed, Ruggedized Avionics Displays | 4,000,000 | Butterfield, Hayes, McIntyre | Burr, Dole |
| RDTE,N | EP-3E Requirements Capability Migration Technology Integration Lab | 4,800,000 | Edwards (TX) | |
| RDTE,N | Evaluating ELF Signals in Maritime Environments | 1,600,000 | Sali | Craig, Crapo |
| RDTE,N | Expeditionary Swimmer Defense System | 2,400,000 | | Murray |
| RDTE,N | Extended Underwater Optical Imaging | 2,000,000 | Mahoney, Hastings (FL) | Martinez, Nelson (FL) |
| RDTE,N | Extensible Launching System | 3,000,000 | Cummings, Ruppersberger | Cardin, Mikulski |
| RDTE,N | Extreme Torque Density (XTM) Propulsion Motor | 800,000 | Altmire | Casey, Specter |
| RDTE,N | F/A-18 Avionics Ground Support System | 2,400,000 | Peterson (PA) | Casey, Specter |
| RDTE,N | Fiber Optic Conformal Acoustic Velocity Sensor (FOCAVES) | 2,000,000 | Cannon, Bishop (UT) | Bennett, Hatch |
| RDTE,N | Field Support of Fiber Optic Cable | 1,600,000 | Schwartz | |
| RDTE,N | Floating Area Network Littoral Sensor Grid | 4,800,000 | Dicks | |
| RDTE,N | Friction Stir Welding | 800,000 | | Bennett |
| RDTE,N | Fusion, Exploitation, Algorithm, Targeting High-Altitude Reconnaissance | 6,000,000 | | Bennett |
| RDTE,N | Future Fuel Non-Tactical Vehicle Initiative | 1,600,000 | Kuhl | Levin, Stabenow, Schumer |
| RDTE,N | Galfenol Energy Harvesting | 1,600,000 | Latham | Grassley, Harkin |
| RDTE,N | Gallium Nitride RF Power Technology | 1,600,000 | Coble, Watt | Burr, Dole |
| RDTE,N | Guillotine | 1,600,000 | | Warner, Webb |
| RDTE,N | Hampton University Cancer Treatment Initiative | 8,000,000 | Scott (VA), Moran (VA) | |
| RDTE,N | Harbor Shield—Homeland Defense Port Security Initiative | 3,500,000 | | Reed, Voinovich, Whitehouse |
| RDTE,N | HealtheForces | 2,800,000 | | Byrd |
| RDTE,N | High Awareness Littoral Observing (HALO) Sensor—360 Degree Imaging for Submarines | 1,200,000 | Neal, Olver | Kerry, Leahy |
| RDTE,N | High Energy Conventional Energetics (Phase II) | 3,200,000 | Hoyer | Bingaman, Cardin, Domenici, Mikulski |
| RDTE,N | High Power Density Motor Drive | 1,000,000 | Murphy, Tim | |
| RDTE,N | High Power Density Propulsion and Power for USSVs | 1,600,000 | Allen | Collins, Snowe |
| RDTE,N | High Power Free Electron Laser Development for Naval Applications | 2,400,000 | Wittman | Warner, Webb |
| RDTE,N | High Speed ACRC & Composites Sea Lion Craft Development | 2,000,000 | | Cochran, Wicker |
| RDTE,N | High Speed Anti-radiation Demonstration (HSAD) | 800,000 | Davis (VA), McKeon | |
| RDTE,N | High Speed Blood and Fluid Transfusion Equipment | 3,100,000 | | Reid |
| RDTE,N | High Strength Welded Structures | 800,000 | Moran (VA) | |
| RDTE,N | High Temperature Superconductor Trap Field Magnet Motor | 2,000,000 | Carter | |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Highly Corrosive-Resistant Alloy Joining for Nuclear Applications | 800,000 | Simpson | Craig, Crapo |
| RDTE,N | Highly Integrated Optical Interconnect for Military Avionics | 1,600,000 | Stupak | Levin, Stabenow |
| RDTE,N | Holographic Optical Filter for Light Detection and Ranging (LIDAR) | 2,000,000 | Schwartz; Murphy, Patrick; Sestak | Casey, Specter |
| RDTE,N | HTDV | 10,000,000 | | Inouye |
| RDTE,N | Human Neural Cell-Based Biosensor | 1,000,000 | | Isakson |
| RDTE,N | Hydrogen Fuel Cell Development | 1,200,000 | Butterfield | Dole |
| RDTE,N | Hydrokinetic Power Generator | 1,600,000 | Dingell | Levin, Stabenow |
| RDTE,N | Immersive Naval Officer Training Systems | 3,000,000 | | Reed, Whitehouse |
| RDTE,N | Implementation of Formable Textile for Composite Shaped Aerospace Composite Structures | 1,600,000 | Michaud, Allen | Collins, Snowe |
| RDTE,N | Improved Corrosion Protection for Electromagnetic Aircraft Launch System (EMALS) for CVN–21 Class Carriers | 2,000,000 | LoBiondo, Sestak, Smith (NJ) | |
| RDTE,N | Improved Interoperability Research and Development to support NAVAIR and GWOT | 2,000,000 | Hoyer | |
| RDTE,N | Improved Stealth and Lower Cost Operations for Ships Using High Strength Flame Resistant LCP Reinforced Netting | 1,600,000 | | Murray |
| RDTE,N | In Buoy Processor for Trigger and Alert Sonobuoy System (TASS) | 2,000,000 | Abercrombie | |
| RDTE,N | Infrared LED Free Space Optics Communications Advancement | 400,000 | Hunter | |
| RDTE,N | Infrared Materials Laboratories | 2,500,000 | Cole | Inhofe |
| RDTE,N | Integrated Advanced Ship Control (IASC) | 1,200,000 | Tierney | |
| RDTE,N | Integrated Manufacturing Enterprise | 2,400,000 | McCrery | Landrieu, Vitter |
| RDTE,N | Integrated Naval Electronic Warfare | 1,000,000 | Drake | |
| RDTE,N | Integrated Power System Converter | 2,000,000 | Murphy, Tim | Casey, Specter |
| RDTE,N | Integrated Product Support Data Management System | 1,000,000 | Rogers (KY) | |
| RDTE,N | Integrated Ship and Motion Control Technology | 3,440,000 | Courtney, Gillibrand | Dodd, Lieberman, Schumer |
| RDTE,N | Integrated Warfighter Biodefense Program | 3,000,000 | Castle | Biden, Carper |
| RDTE,N | Integration of Electro-Kinetic Weapons into Next Generation of Navy Ships | 4,500,000 | Boyd | Martinez, Nelson (FL) |
| RDTE,N | Integration of Logistics Information for Knowledge Projection and Readiness Assessment | 1,600,000 | | Byrd |
| RDTE,N | Intelligent Retrieval of Imagery | 2,400,000 | Moran (VA) | |
| RDTE,N | Intelligent Work Management for Class Squadrons (CLASSRONS) | 2,000,000 | Brown (FL) | |
| RDTE,N | Joint Explosive Ordnance Disposal Diver Situational Awareness System | 1,200,000 | Moran (VA) | |
| RDTE,N | Joint Integrated Systems Technology for Advanced Digital Networking (JIST–NET) | 800,000 | Hunter | |
| RDTE,N | JSF F-35B Lift Fan Component Manufacturing | 1,600,000 | Smith (TX), Rodriguez | |
| RDTE,N | Kinetic Hydropower System (KHPS) Turbine | 2,400,000 | Inslee, Engel, Maloney, Towns | Murray, Schumer |
| RDTE,N | Landing Craft Composite Lift Fan | 1,000,000 | Dent, Garrett | Lautenberg, Menendez |
| RDTE,N | Large-Scale Demonstration Item for Virginia Class Submarine Bow Dome | 1,800,000 | Taylor | Cochran |
| RDTE,N | Laser Perimeter Awareness System | 1,500,000 | | Coleman |
| RDTE,N | Layered Surveillance/Sensing | 1,600,000 | Young (FL) | |
| RDTE,N | LCS Common Mission Package Training Environment | 4,500,000 | Murtha | |
| RDTE,N | Lightweight Composite Structure Development for Aerospace Vehicles | 800,000 | Sullivan | Inhofe |
| RDTE,N | Lithium Batteries | 1,600,000 | Bishop (GA) | Chambliss, Isakson |
| RDTE,N | Lithium/Sulfur Chemistry Validation for Sonobuoy Application | 1,600,000 | Boyda | Brownback, Roberts |
| RDTE,N | Lithium-Ion Cell Development with Electro Nano Materials | 4,000,000 | | Bond |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Littoral Battlespace Sensing-Autonomous UUV | 800,000 | Alexander | Landrieu |
| RDTE,N | Long Range Synthetic Aperture Sonar for ASW | 800,000 | Moran (VA) | Warner, Webb |
| RDTE,N | Long Wavelength Array | 2,800,000 | Wilson (NM) | Bingaman, Domenici |
| RDTE,N | Low Acoustic and Thermal Signature Battlefield Power Source | 2,000,000 | | Baucus, Tester |
| RDTE,N | Low Cost Laser Module Assembly for Acoustic Sensors | 1,600,000 | Sestak | Specter |
| RDTE,N | Low Cost Multi-Channel Camera System | 2,400,000 | Bonner | |
| RDTE,N | Low Cost, Expendable, Fiber Optic Sensor Array | 5,000,000 | Murtha | Specter |
| RDTE,N | Low-Cost Image-Based Navigation and Precision Targeting | 800,000 | Markey | Kerry |
| RDTE,N | Low-Signature Modular Weapon Platform | 3,200,000 | Blumenauer, Baird, DeFazio, Hooley, Wu | Murray, Smith, Wyden |
| RDTE,N | M65 Bismaleimide Carbon Fiber Prepreg | 1,600,000 | Aderholt, Bishop (UT), Tauscher | Bennett, Dodd, Hatch |
| RDTE,N | Magnetic Refrigeration Technology | 2,400,000 | Baldwin | Kohl |
| RDTE,N | MARCOM Computer Research | 1,000,000 | | Hutchison |
| RDTE,N | Marine Mammal Awareness, Alert and Response Systems (MMAARS) | 2,400,000 | Abercrombie | |
| RDTE,N | Marine Mammal Hearing and Echolocation Research | 1,600,000 | Abercrombie | |
| RDTE,N | Maritime Security—Surface and Sub-surface Surveillance System and Expeditionary Test-Bed | 3,600,000 | Boyd | |
| RDTE,N | Micro-munitions Interface for Tactical Unmanned Systems (MITUS) | 1,600,000 | Ehlers, McCarthy (CA) | Stabenow |
| RDTE,N | Millimeter Wave Imaging | 1,600,000 | Castle | Biden, Carper |
| RDTE,N | Mk 48 Torpedo Post-Launch Communication System | 800,000 | Arcuri | Schumer |
| RDTE,N | Mk V.1 MAKO for Improved Signature and Weight Performance | 2,000,000 | Allen | Collins, Snowe |
| RDTE,N | Mobile Acoustic Decoys for Surface Ship Defense | 960,000 | Price (NC) | Dole |
| RDTE,N | Mobile Manufacturing and Repair Cell/Engineering Education Outreach Program | 2,400,000 | Conyers, Dingell, Kilpatrick, Knollenberg, Levin | Levin |
| RDTE,N | Mobile Oxygen, Ventilation and External Suction (MOVES) | 1,200,000 | Johnson, Sam | Cornyn |
| RDTE,N | Mobile Valve and Flex Hose Maintenance (MVFM) | 1,000,000 | Allen | Collins, Snowe |
| RDTE,N | Modular Advanced Vision System | 2,000,000 | | Casey, Specter |
| RDTE,N | Molten Carbonate Fuel Cell Demonstrator | 3,500,000 | | Dodd, Lieberman |
| RDTE,N | Multi-Function Laser System | 1,200,000 | English | Casey, Specter |
| RDTE,N | Nanotechnology Engineering and Manufacturing Operations | 1,600,000 | Hirono | |
| RDTE,N | National Initiatives for Applications of Multifunctional Materials | 1,600,000 | | Hutchison |
| RDTE,N | National Radio Frequency Research and Development and Technology Transfer Center | 4,000,000 | Buyer, Ellsworth | Bayh, Lugar |
| RDTE,N | National Security Training | 1,600,000 | Serrano | |
| RDTE,N | National Sensor Fusion Support for Puget Sound Port Security | 1,600,000 | Dicks | |
| RDTE,N | National Terrorism Preparedness Institute Anti-Terrorism/Counter-Terrorism Technology Development and Training | 3,000,000 | Young (FL) | |
| RDTE,N | NAVAIR Distance Support Environment | 800,000 | Pascrell | |
| RDTE,N | Naval Ship Hydrodynamic Test Facilities | 4,000,000 | Van Hollen | Cardin, Mikulski |
| RDTE,N | Naval Special Warfare 11m RIB Replacement Craft Design | 800,000 | Michaud, Allen | Collins, Snowe |
| RDTE,N | Navy Multi-Fuel Combustor for Shipboard Fuel Cell Systems | 1,600,000 | Lampson | |
| RDTE,N | Navy Science and Technology Outreach (N-STAR)—Maryland | 1,000,000 | | Cardin |
| RDTE,N | Network Expansion and Integration of Navy/NASA RDT&E Ranges and Facilities | 4,800,000 | | Cardin, Mikulski |
| RDTE,N | Next Generation Automated Technology for Landmine Detection | 1,600,000 | | Hagel, Nelson (NE) |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Next Generation Electronic Warfare Simulator | 1,200,000 | McCarthy (CA) | |
| RDTE,N | Next Generation Phalanx with Laser Demo | 10,700,000 | Crowley, Walsh, Bishop (UT), Obey | Bunning, Hatch, Kohl, McConnell, Schumer |
| RDTE,N | Next Generation Scalable Lean Manufacturing Initiative | 2,400,000 | Young (FL) | |
| RDTE,N | Novel Coating Technologies for Military Equipment | 4,800,000 | Fortenberry | Hagel, Nelson (NE) |
| RDTE,N | NULKA Decoy and Mk 53 Decoy Launch System | 1,600,000 | | Kennedy |
| RDTE,N | ONAMI Nanoelectronics and Nanometrology Initiative | 4,000,000 | Wu, Blumenauer, DeFazio, Hooley, Walden | Smith, Wyden |
| RDTE,N | On-Board Vehicle Power Systems Development | 2,400,000 | | Shelby |
| RDTE,N | On-Demand Custom Body Implants/Prosthesis for Injured Personnel | 1,600,000 | Dingell | Levin, Stabenow |
| RDTE,N | Open Architecture/Maintenance Free Operating Period (MFOP) | 2,800,000 | Moran (VA) | |
| RDTE,N | Optimization of New Marine Coatings | 1,600,000 | | Conrad, Dorgan |
| RDTE,N | Out of Autoclave Composite Processing | 1,600,000 | Clay, Akin | |
| RDTE,N | Over-the-Horizon Vessel Tracking | 800,000 | Wittman, Scott (VA) | |
| RDTE,N | Pacific Airborne Surveillance and Testing | 15,000,000 | | Inouye |
| RDTE,N | Paragon System Upgrades | 1,600,000 | Moran (VA) | |
| RDTE,N | Penn State Cancer Institute | 2,800,000 | Holden | |
| RDTE,N | Permanent Magnet Linear Generator Power Buoy System | 2,000,000 | Hooley | Smith, Wyden |
| RDTE,N | Persistent Surveillance Wave PowerBuoy System | 3,000,000 | | Lautenberg, Menendez |
| RDTE,N | Planar Solid Oxide Fuel Cell System Demonstration at UTC SimCenter | 3,500,000 | Wamp | |
| RDTE,N | PMRF Force Protection Lab | 2,000,000 | | Inouye |
| RDTE,N | Point Mugu Electronic Warfare Laboratory Upgrade | 1,600,000 | Gallegly | |
| RDTE,N | Portable Launch and Recovery System for Unmanned Aerial Vehicle Operation | 3,200,000 | Hastings (WA) | Cantwell, Murray, Smith, Wyden |
| RDTE,N | Power Dense Integrated Power System for CG(X) | 3,000,000 | Bartlett | Mikulski |
| RDTE,N | Precision Terrain Aided Navigation (PTAN) | 1,600,000 | Young (FL) | |
| RDTE,N | Predicting Bio-Agent Threat Profiles Using Automated Behavior Analysis | 1,600,000 | Herseth Sandlin | Johnson |
| RDTE,N | Puget Sound Anoxia Research for the Department of the Navy | 1,200,000 | Dicks | |
| RDTE,N | Pulse Virtual Clinical Learning Lab | 2,400,000 | Ortiz | |
| RDTE,N | Quiet Drive Advanced Rotary Actuator | 2,000,000 | Richardson, Harman, Higgins | Schumer, Warner, Webb |
| RDTE,N | Radiation Hardness and Survivability of Electronic Systems | 800,000 | | Bayh, Lugar |
| RDTE,N | Real-Time Hyperspectral Targeting Sensor | 2,400,000 | Hunter | Gregg, Sununu |
| RDTE,N | Reduction of Weapon System Downtime Rapid Repair Structural Adhesives | 2,400,000 | Langevin | Reed, Whitehouse |
| RDTE,N | Regenerative Fuel Cell Back-up Power | 1,200,000 | Larson | Dodd |
| RDTE,N | Remote Continuous Energetic Material Manufacturing for Pyrotechnic IR Decoys | 1,600,000 | McCrery | Vitter |
| RDTE,N | Repair of Massive Tissue Loss and Amputation through Composite Tissue Allotransplantation | 3,200,000 | Cummings | Cardin |
| RDTE,N | Reparative Core Medicine | 800,000 | Young (FL) | |
| RDTE,N | Research Support for Nanoscale Research Facility | 2,800,000 | Stearns | Martinez |
| RDTE,N | RFID TECH Program | 800,000 | | McConnell |
| RDTE,N | Rotor Blade Protection Against Sand and Water Erosion | 800,000 | Edwards (TX) | |
| RDTE,N | Sacrificial Film Laminates for Navy Helicopter Windscreens | 960,000 | Spratt | Graham |
| RDTE,N | Scalable Open Architecture Upgradeable Reliable Computing Environment | 3,000,000 | | Murray |
| RDTE,N | Sea Base Mobility and Interfaces | 5,000,000 | | Stevens |

## DEFENSE—Continued

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Self Healing Target System for Laser and Sniper Ranges | 1,600,000 | Porter | Reid |
| RDTE,N | Semi-Submersible UUV | 1,600,000 | | Vitter |
| RDTE,N | Sensor Integration Framework | 1,200,000 | Boyd | |
| RDTE,N | Sensorless Control of Linear Motors in EMALS | 2,800,000 | | Reed |
| RDTE,N | Ship Affordability Through Advanced Aluminum | 2,000,000 | Carter, Braley | Grassley, Harkin |
| RDTE,N | Shipboard Electronic Warfare Sustainment Training | 3,200,000 | Mollohan | |
| RDTE,N | Shipboard Production of Synthetic Aviation Fuel | 1,000,000 | | Bennett, Hatch |
| RDTE,N | Single Generator Operations Lithium Ion Battery | 4,000,000 | | Lugar, Reid |
| RDTE,N | SKYBUS 80K and 130K LTA–UAS Multirole Technologies | 2,000,000 | | Collins |
| RDTE,N | Smart Instrument Development for the Magdalena Ridge Observatory (MRO) | 7,000,000 | Pearce, Wilson (NM) | Bingaman, Domenici |
| RDTE,N | Smart Machinery Spaces System | 2,400,000 | Granger | |
| RDTE,N | Smart Valve | 800,000 | Allen | Collins, Snowe |
| RDTE,N | SOF Test Environment for Advanced Team Collaboration Missions | 2,000,000 | Hoyer | Cardin, Mikulski |
| RDTE,N | Solid Oxide Fuel Cell | 800,000 | | Corker |
| RDTE,N | Solid-State DC Protection System | 1,200,000 | Moore (WI), Bartlett, Murphy (CT) | Dodd, Lieberman |
| RDTE,N | Sonobouy Wave-Energy Module | 3,000,000 | | Landrieu, Vitter |
| RDTE,N | Stabilized Laser Designation Capability | 2,000,000 | Thompson (CA) | |
| RDTE,N | Standoff Explosive Detection System (SEDS) | 1,200,000 | Knollenberg | Stabenow |
| RDTE,N | Strategic/Tactical Resource Interoperability Kinetic Environment Program | 1,120,000 | | Cochran |
| RDTE,N | Strike Weapon Propulsion (SWEAP) | 2,400,000 | Barton, Doolittle | |
| RDTE,N | Submarine Automated Test and Re-Test (ATRT) | 2,000,000 | Moran (VA) | |
| RDTE,N | Submarine Environment for Evaluation and Development | 2,400,000 | | Reed |
| RDTE,N | Submarine Fatline Vector Sensor Towed Array | 800,000 | Gilchrest, Bartlett, Courtney | Dodd, Lieberman |
| RDTE,N | Submarine Littoral Defense System | 1,600,000 | Langevin, Courtney, Kennedy | Reed |
| RDTE,N | Submarine Maintenance Automation and Communication System (SMACS) | 1,600,000 | Moran (VA) | |
| RDTE,N | Submarine Panoramic Awareness System Program | 1,600,000 | | Durbin |
| RDTE,N | Supply Chain Logistics Capability at the ABL NIROP | 8,000,000 | | Byrd |
| RDTE,N | Supportability Training Services Infrastructure | 1,600,000 | Rehberg | |
| RDTE,N | Sure Trak Re-Architecture and Sensor Augmentation | 2,000,000 | Hoyer, Cummings, Ruppersberger, Sarbanes | Cardin |
| RDTE,N | Sustainability of AN/SPS–49 Common Signal Data Processor | 2,800,000 | Obey | |
| RDTE,N | Swimmer Detection Sonar Network for the Portsmouth Naval Shipyard | 3,200,000 | Hodes, Shea-Porter | Collins, Snowe, Sununu |
| RDTE,N | System for Intelligent Task Assignment and Readiness (SITAR) | 800,000 | Hunter | |
| RDTE,N | Tactical E-Field Buoy Development | 1,600,000 | Hunter | |
| RDTE,N | Testing of Critical Components for Ocean Alternate Energy Options for the Department of the Navy | 2,000,000 | Abercrombie | |
| RDTE,N | Texas Microfactory | 3,000,000 | | Hutchison |
| RDTE,N | Theater Undersea Warfare Initiative | 2,400,000 | | Inouye |
| RDTE,N | Thin Film Materials for Advanced Applications, Advanced IED and Anti-Personnel Sensors | 3,000,000 | | Leahy |
| RDTE,N | Tomahawk Cost Reduction Initiatives | 1,600,000 | Bishop (UT) | Bennett, Hatch |
| RDTE,N | Topical Hemostat Effectiveness Study | 800,000 | | Coleman, Klobuchar |
| RDTE,N | Torpedo Composite Homing Array | 1,600,000 | Tsongas | Kerry |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N | Total Ship Training System | 1,040,000 | Moran (VA) | |
| RDTE,N | TSG Technology Accreditation | 2,400,000 | | Bond |
| RDTE,N | U.S. Navy Metrology and Calibration (METCAL) | 2,800,000 | Calvert | |
| RDTE,N | UAS Optimization Technologies | 2,000,000 | | Byrd |
| RDTE,N | Ultra-Wide Coverage Visible Near Infrared Sensor for Force Protection | 1,200,000 | Bean | |
| RDTE,N | Underground Coordination of Managed Mesh-networks (UCOMM) | 2,400,000 | Moran | |
| RDTE,N | Undersea Launched Missile Study | 3,200,000 | Courtney, Kennedy, Langevin, Scott (VA) | Dodd, Lieberman, Reed |
| RDTE,N | Undersea Weapons Enterprise Common Automated Test Equipment | 3,200,000 | Dicks | |
| RDTE,N | Unique Identification of Tangible Items | 3,000,000 | | Wicker |
| RDTE,N | Universal Description, Discovery and Integration | 4,300,000 | | Conrad, Dorgan |
| RDTE,N | Unmanned Aerial Vehicle Fuel Cell Power Source with Hybrid Reforming | 1,600,000 | Higgins | Schumer |
| RDTE,N | Unmanned Air Systems Tactical Control System | 2,500,000 | Hoyer, Porter | |
| RDTE,N | Unmanned Force Augmentation System | 2,400,000 | Sessions, Burgess | |
| RDTE,N | Unmanned Ground Vehicle Mobility and Coordination in Joint Urban/Littoral Environments | 1,200,000 | Carney | |
| RDTE,N | Unmanned Undersea Vehicles Near Term Interim Capability | 4,000,000 | Kennedy | |
| RDTE,N | US Navy Cancer Vaccine Program | 2,400,000 | Hunter, Jones (NC) | Landrieu, Vitter |
| RDTE,N | US Navy Pandemic Influenza Vaccine Program | 1,600,000 | McHugh | |
| RDTE,N | USMC Electronic Warfare (EW) Training | 2,400,000 | Mica | |
| RDTE,N | Validation of Lift Fan Engine Systems | 2,000,000 | Doolittle | |
| RDTE,N | Vet-Biz Initiative for National Sustainment (VINS-Navy) | 1,600,000 | Brown (SC), Clyburn, Salazar | Allard |
| RDTE,N | Video and Water Mist Technologies for Incipient Fire Detection on Ships | 3,200,000 | DeLauro, Larson | Dodd |
| RDTE,N | Virtual Onboard Analyst (VIRONA) for Multi-Sensor Mine Detection | 1,000,000 | | Inouye |
| RDTE,N | Water Security Program (Inland Water Quality and Desalination) | 2,400,000 | | Bingaman, Domenici |
| RDTE,N | Water Space Management Navigation Decision Aid | 2,400,000 | Dicks | |
| RDTE,N | Wave Energy PowerBuoy Generating System for the Department of the Navy | 1,600,000 | Abercrombie | |
| RDTE,N | Wide Area Sensor for Force Protection Targeting | 1,600,000 | Bean | |
| RDTE,N | Wireless Sensors for Navy Aircraft | 2,400,000 | Welch | Leahy |
| RDTE,N | Zero-Standoff HERO-compliant RFID Systems | 1,600,000 | | Conrad, Dorgan |
| RDTE,N (MC) | Anti-Sniper Infrared Targeting System | 2,000,000 | Rogers (KY) | Bunning, McConnell |
| RDTE,N (MC) | Ballistic Helmet Development | 1,200,000 | King (NY) | |
| RDTE,N (MC) | Battlefield Sensor Netting | 2,400,000 | Young (FL) | |
| RDTE,N (MC) | Center for Geospatial Intelligence and Investigation (GII) | 1,520,000 | Granger, Carter | |
| RDTE,N (MC) | Craft Integrated Electronic Suite (CIES) | 2,880,000 | Mollohan | |
| RDTE,N (MC) | Eye Safe Laser Warning Systems | 2,000,000 | Baird, Wu | Smith, Wyden |
| RDTE,N (MC) | Global Supply Chain Management | 1,600,000 | Bishop (GA) | |
| RDTE,N (MC) | Ground Warfare Acoustical Combat System of Netted Sensors | 2,000,000 | Sullivan, Boren | Inhofe |
| RDTE,N (MC) | High Power, Ultra-Lightweight Zinc-Air Battery | 2,500,000 | Welch, Akin, Coble, Graves, Kucinich, Ryan (OH), Sutton | Dole, Leahy |
| RDTE,N (MC) | Hybrid Capacitor Supercell for Marine Combat Vehicle | 1,200,000 | Altmire | Casey, Specter |
| RDTE,N (MC) | Logistics Technology Improvements | 1,600,000 | Bishop (GA) | Chambliss, Isakson |
| RDTE,N (MC) | M2C2 | 3,800,000 | | Inouye |

**DEFENSE—Continued**

| Account | Project | Amount | Requester(s) | |
|---|---|---|---|---|
| | | | House | Senate |
| RDTE,N (MC) | Marine Air-Ground Task Force Situational Awareness | 1,000,000 | | Inouye |
| RDTE,N (MC) | Marine Corps Shotgun Modernization Program | 3,000,000 | Hoyer | Mikulski |
| RDTE,N (MC) | Marine Expeditionary Rifle Squad—Sensor Integrated, Modular Protection, Combat Helmet (MERS–SIMP) | 1,600,000 | Rehberg | Baucus, Tester |
| RDTE,N (MC) | Near Infrared Optical (NIRO) Augmentation System | 800,000 | Moran (VA) | |
| RDTE,N (MC) | Urban Operations Laboratory | 1,600,000 | Boyda | Brownback, Roberts |
| RDTE,N (MC) | USMC Logistics Analysis and Optimization | 2,400,000 | Bishop (GA) | |
| RDTE,N (MC) | Warfighter Rapid Awareness Processing Technology | 4,000,000 | Abercrombie, Hirono | Akaka |
| SCN | AGS Pallets | 6,000,000 | | McConnell |
| SCN | Large Harbor Tugs | 11,800,000 | | Murray |
| WPN | ABL Restoration Plan | 38,000,000 | | Byrd |
| WTCV,A | AB-FIST Gunnery Trainer Upgrades for the ID ARNG | 1,000,000 | Sali | Crapo |
| WTCV,A | AB-FIST Gunnery Trainer Upgrades for TN ARNG | 3,200,000 | | Corker |
| WTCV,A | AB-FIST Gunnery Trainers for TN ARNG | 2,400,000 | | Alexander, Corker |
| WTCV,A | Arsenal Support Program Initiative—Rock Island | 8,500,000 | Braley, Hare | Durbin, Grassley, Harkin |
| WTCV,A | Arsenal Support Program Initiative—Watervliet | 5,000,000 | McNulty | Schumer |
| WTCV,A | Arsenal Support Program Initiative, Rock Island—Joint Manufacturing and Technology Center | 4,200,000 | Hare, Braley | Durbin, Grassley, Harkin |
| WTCV,A | M1 Abrams Mobile Conduct of Fire Trainers Upgrades for the TN ARNG | 3,000,000 | Tanner | Alexander |
| WTCV,A | Transmission Dynamometer | 1,600,000 | Boyda | Brownback |

## DIVISION D—DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS ACT, 2009

The following is an explanation of the effects of Division D, which makes appropriations for the Department of Homeland Security for fiscal year 2009. As provided in section 4 of the consolidated bill, this explanatory statement shall have the same effect with respect to the allocation of funds and implementation of this division as if it were a joint explanatory statement of a committee of conference. The language and allocations contained in House Report 110–862 and Senate Report 110–396 should be complied with unless specifically addressed to the contrary in the bill or this explanatory statement. When this explanatory statement refers to the Committees or the Committees on Appropriations, unless otherwise noted, this reference is to the House Subcommittee on Homeland Security and the Senate Subcommittee on Homeland Security.

While repeating some report language for emphasis, this explanatory statement does not intend to negate the language referred to above unless expressly provided herein. In cases where both the House and Senate reports address a particular issue not specifically addressed in the bill or explanatory statement, the Committees have determined the House report and the Senate report are not inconsistent and are to be interpreted accordingly.

In cases where the House or Senate report directs the submission of a report, a briefing shall be provided by January 30, 2009, in lieu thereof unless this statement directs otherwise. If this statement directs the submission of a report, such report shall be provided to the Committees on Appropriations by April 6, 2009, unless otherwise directed.

Last, this explanatory statement refers to the following laws and organizations as follows: Implementing Recommendations of the 9/11 Commission Act of 2007, Public Law 110–53, is referenced as the 9/11 Act; Security And Accountability For Every Port Act of 2006, Public Law 109–347, is referenced as the SAFE Port Act; the Intelligence Reform and Terrorism Prevention Act of 2004, Public Law 108–458, is referenced as the Intelligence Reform Act; the Department of Homeland Security is referenced as DHS; the Government Accountability Office is referenced as GAO; and the Office of Inspector General of the Department of Homeland Security is referenced as OIG.

### CLASSIFIED PROGRAMS

Recommended adjustments to classified programs are addressed in a classified annex accompanying this explanatory statement.

## TITLE I—DEPARTMENTAL MANAGEMENT AND OPERATIONS

### OFFICE OF THE SECRETARY AND EXECUTIVE MANAGEMENT

The bill provides $123,456,000 for the Office of the Secretary and Executive Management. Reductions are made to the budget request due to a large number of vacancies and unobligated balances within certain offices. Funding shall be allocated as follows:

| | |
|---|---|
| Immediate Office of the Secretary | $3,140,000 |
| Immediate Office of the Deputy Secretary | 1,400,000 |
| Chief of Staff | 2,693,000 |
| Office of Counternarcotics Enforcement | 3,718,000 |
| Executive Secretary | 7,448,000 |
| Office of Policy | 43,263,000 |
| Office of Public Affairs | 5,991,000 |
| Office of Legislative and Intergovernmental Affairs | 4,997,000 |
| Office of General Counsel | 20,114,000 |
| Office of Civil Rights and Civil Liberties | 17,417,000 |
| Citizenship and Immigration Services Ombudsman | 6,471,000 |
| Privacy Officer | 6,804,000 |
| Total | 123,456,000 |

### OFFICE OF COUNTERNARCOTICS ENFORCEMENT

The bill provides $3,718,000 for the Office of Counternarcotics Enforcement. The Office of Counternarcotics Enforcement is directed to submit a report to the Committees as outlined in the Senate report. The Office is expected to discontinue its practice of relying on contractors to meet its congressional reporting requirements.

### OFFICE OF POLICY

The bill provides $43,263,000 for the Office of Policy. Within this amount, $500,000 has been provided above the budget request to review visa waiver requests to ensure they meet statutory and security criteria. The Office of Policy is directed to submit an expenditure plan to the Committees within 60 days from the date of enactment of this Act as detailed in the Senate report.

As discussed in the House report, the Office of Policy shall brief the Committees on the status of implementing a plan to coordinate all DHS screening and credentialing activities to create a consistent, security risk-based framework; eliminate redundant activities; more effectively use information provided; and improve the experience for individuals applying for these credentials.

The Office of Policy is directed to provide quarterly briefings to the Committees on the

status of the Western Hemisphere Travel Initiative beginning not later than 30 days after the date of enactment of this Act, as outlined in the Senate report.

OFFICE OF PUBLIC AFFAIRS

The bill provides $5,991,000 for the Office of Public Affairs and transfers funding for the Ready campaign to the Federal Emergency Management Agency (FEMA). FEMA is better positioned to educate the public on how to prepare for and respond to potential emergencies.

OFFICE OF GENERAL COUNSEL

The bill provides $20,114,000 for the Office of General Counsel. Consistent with fiscal year 2008 language, the Office of General Counsel is urged to consider whether it would be more productive to transfer to specific DHS components the legal staff responsible for the ongoing work of those components, while maintaining the affiliation of these staff with the Office of General Counsel. This mechanism may expedite necessary legal reviews because legal staff will specialize in certain areas.

ENERGY SHORTFALLS

While the bill fully funds the Department's budget requests for energy costs, fuel prices have skyrocketed since those requests were submitted. For example, the Coast Guard and U.S. Customs and Border Protection currently estimate additional fiscal year 2009 fuel costs of approximately $90,000,000 and $40,000,000 above the budget requests, respectively. Department-wide, the current estimate for an increase in energy costs is estimated at almost $140,000,000. However, despite full acknowledgment of these shortfalls, the President has failed to submit any formal amendment to the fiscal year 2009 budget request. Consequently, DHS will be forced to find savings within its base appropriations to cover these costs, with potentially severe consequences for other ongoing activities. The failure to address such known shortfalls in operational needs in the context of an official budget request is an abdication of the President's budgetary responsibilities. The Secretary is directed to submit a plan by December 1, 2008, that includes estimates of the energy costs for all DHS component agencies in fiscal year 2009 and identifies how these shortfalls will be addressed.

DHS-GAO RELATIONS

The Department's July 2008 guidance on interactions with the GAO does not ''significantly streamline'' the review process for document and interview requests as required by Public Law 110–161. The DHS guidance limits GAO's direct access to program officials and requested documentation and instead provides for centralized control and review by DHS liaisons and attorneys. The Department shall submit to the Committees and GAO, on a quarterly basis, a report itemizing all instances where DHS did not provide information to GAO within 20 days or did not arrange for interviews within seven days, including the reasons for not meeting these timeframes. With respect to such quarterly reports, GAO shall provide the Committees its assessment of the validity of the DHS data and analysis. The Department shall provide these reports within 15 days of the end of each quarter, and GAO shall review the reports within 30 days of receiving them. The bill withholds $15,000,000 from obligation until the Secretary submits the second quarterly report.

DISTRIBUTION OF GRANT AWARDS

The bill withholds $10,000,000 from obligation until the Secretary of Homeland Security, in coordination with the Administrator of FEMA, certifies and reports to the Committees that certain conditions regarding the process to incorporate stakeholder input for grant guidance development and award distribution have been met. DHS and FEMA are expected to ensure that these grants are made in a timely fashion so that known risks can be addressed expeditiously.

GREENHOUSE GAS EMISSIONS

By September 30, 2009, the Secretary shall provide to Congress a detailed inventory of DHS's greenhouse gas emissions and a plan to reduce these emissions.

BUDGET JUSTIFICATIONS

The congressional budget justifications for the Office of the Secretary and Executive Management for fiscal year 2010 shall include the same level of detail as the table contained at the end of this statement. All funding and staffing changes for each office must be highlighted and explained and this detail shall include separate discussions for personnel, compensation and benefits; travel; training; and other services. The number of permanent positions and full-time equivalents (FTE) identified in the congressional budget justification should tie to available and requested resources. Finally, all proposals to move programs and funding from one office to another should be clearly outlined in the congressional budget justification.

WORKING CAPITAL FUND

DHS shall provide a separate fiscal year 2010 budget justification for the Department's working capital fund (WCF) that includes each activity, basis for pricing, FTEs, and an explanation of how DHS is allocating funds in fiscal years 2009 and 2010 to each component. Bill language providing new authority and requirements for the WCF is detailed in Title V of this explanatory statement. All cross-cutting initiatives shall be included within the WCF, unless the omission can be fully justified and explained.

The fiscal year 2008 WCF charges were altered nine months into the fiscal year, causing component agencies to delay expenditures or reprogram funds to cover these unanticipated charges. DHS must notify the Committees more promptly of any additions, deletions, or changes that are made to the WCF during the fiscal year that are subject to section 503 of this Act. DHS should not fund any activities within the WCF that have been disapproved previously.

DHS is in the process of studying the authority, structure, governance, organization, business practices, and management of the WCF. DHS shall provide the Committees with a copy of this study when it is complete and shall address any recommendations regarding cost allocation and billing consistency as part of the fiscal year 2010 budget request.

QUARTERLY DETAILEE REPORTS

DHS shall continue to provide quarterly detailee reports, as required in the Senate report.

OFFICE OF THE UNDER SECRETARY FOR MANAGEMENT

The bill provides $191,793,000 for the Office of the Under Secretary for Management. Funding shall be allocated as follows:

| | |
|---|---|
| Under Secretary for Management | $2,654,000 |
| Office of Security | 60,882,000 |
| Office of the Chief Procurement Officer | 39,003,000 |
| Office of the Chief Human Capital Officer | 28,827,000 |
| Human Resources | 10,000,000 |
| Office of the Chief Administrative Officer | 44,427,000 |
| Nebraska Avenue Complex Facilities | 6,000,000 |
| Total | 191,793,000 |

OFFICE OF THE CHIEF PROCUREMENT OFFICER

The bill provides $39,003,000 for the Office of the Chief Procurement Officer (OCPO). In the past, funding has been repeatedly increased to hire additional procurement specialists, yet the Office has been slow in filling these positions. As a result, the Committees are dissatisfied with the amount of time it takes the Office of Procurement Operations to review and approve contracts for component agencies and act on procurement recommendations. For fiscal year 2009, DHS shall conduct a two year pilot with the Science and Technology (S&T) Directorate to determine whether assigning more procurement responsibility to S&T will result in more efficient procurements. Under the pilot, S&T will hire its own contracting officers responsible for making procurement recommendations and meeting performance metrics, while the DHS Office of the Chief Procurement Officer will conduct appropriate reviews to ensure that procurement actions are aligned with DHS policies and procedures. The OCPO, in conjunction with S&T, shall brief the Committees on the implementation plan for this pilot within 30 days after the date of enactment of this Act; on the progress of the pilot within six months of enactment; and on the results of the pilot after its completion.

As discussed in the House report, OCPO should identify more opportunities for minority and small business enterprises.

DHS appears to be overly reliant on contractors, as discussed in the Senate report. DHS should consider replacing contractors with full-time government employees and brief the Committees on the directives included in the Senate report no later than March 30, 2009.

Due to the Coast Guard's failure to adequately oversee the Deepwater program, the Secretary shall rescind the delegation of acquisition authority provided to the Coast Guard for Deepwater in order to keep oversight within the OCPO, as recommended by GAO.

INVESTMENT REVIEW PROCESS

The Department's Investment Review Board (IRB), established to ensure centralized, robust oversight across large-scale investments, is not performing satisfactorily. It is unclear which investments the IRB will review, how it intends to oversee decisions on large procurements, how its decisions will be monitored, and how necessary follow-up action will be taken. The IRB may only be able to focus on a limited number of critical procurements while DHS attempts to get the investment review process on-track. With this in mind, the Deputy Secretary shall ensure that the IRB reviews and oversees the top 15 DHS investments, measured either by total cost, criticality of the item or service being procured, and/or other means determined by DHS. Within 45 days after the date of enactment of this Act, the Deputy Secretary shall identify and submit to the Committees a list of the investments to be reviewed and a description of the formal investment review processes the IRB will follow.

OFFICE OF THE CHIEF HUMAN CAPITAL OFFICER

The bill provides $38,827,000 for the Office of the Chief Human Capital Officer. Within the total appropriated is $10,000,000 for human resources and $2,500,000 for new learning initiatives. Funding has been reduced due to high unobligated balances in this office. Due to numerous delays in the hiring process administered by this Office, the Chief Human Capital Officer shall provide monthly reports on the amount of time it takes to fill vacancies within DHS, as outlined in the House report.

OFFICE OF THE CHIEF ADMINISTRATIVE OFFICER

The bill provides $50,427,000 for the Office of the Chief Administrative Officer (CAO). Of this total, $44,427,000 is for the salaries and expenses of the CAO and $6,000,000 is for facilities costs at the Nebraska Avenue Complex (NAC). This funding level supports 11 additional FTEs to manage the consolidation of DHS components on the St. Elizabeths west campus. Funding for the first phase of the proposed consolidation of DHS headquarters at the St. Elizabeths campus is included within the Coast Guard's ''Acquisition, Construction, and Improvements'' appropriation.

Since a significant portion of departmental offices are scheduled to move to St. Elizabeths by 2016, with the first moves beginning in 2013, the CAO shall minimize investments and improvements made at the NAC that would need to be replicated at the new headquarters. The CAO is directed to provide semiannual briefings on anticipated spending at the NAC, the first of which shall occur 60 days after the date of enactment of this Act.

OFFICE OF THE CHIEF FINANCIAL OFFICER

The bill provides $55,235,000 for the Office of the Chief Financial Officer (CFO). The bill fully funds the CFO's staffing request. Of this total, $18,189,000 has been provided to the Transformation and Systems Consolidation project, a slight reduction from the requested amount due to delays in this project. The CFO shall brief the Committees on its progress to establish a more reliable acquisition timeline for this consolidation effort. Furthermore, the CFO shall comply with recommendations made by the DHS Inspector General in OIG 08–47, which are intended to improve DHS's strategy to consolidate its financial systems.

ANNUAL APPROPRIATIONS JUSTIFICATIONS

The CFO is directed to submit all of its fiscal year 2010 budget justifications (classified and unclassified) with detailed information by appropriation account and program, project, and activity (PPA) for all components of DHS. The CFO must ensure that the annual appropriations justifications include: (1) explicit information on all reimbursable agreements and uses of the Economy Act; (2) adequate justification for each increase, decrease, and staffing change; (3) a listing of overdue Committee reports; and (4) a detailed table identifying the last year authorizing legislation was provided by Congress for each appropriation account, the amount of the authorization, and the appropriation in the last year of the authorization. Finally, the CFO shall not permit any DHS component to alter the PPAs in the fiscal year 2010 budget submission into any account structure other than that contained in the funding recommendation table.

OFFICE OF THE CHIEF INFORMATION OFFICER

The bill includes $272,169,000 for the Office of the Chief Information Officer (CIO). Funding shall be allocated as follows:

| | |
|---|---|
| Salaries and Expenses | $86,928,000 |
| Information Technology Activities | 44,945,000 |
| Security Activities | 92,623,000 |
| Homeland Secure Data Network | 47,673,000 |
| Total, Chief Information Officer | 272,169,000 |

INFORMATION TECHNOLOGY ACTIVITIES

The bill provides $44,945,000 for Information Technology Activities, $2,500,000 more than requested. Additional funds shall be used for the CIO's highest priority Enterprise Architecture (EA) projects, including information technology reviews, and to strengthen oversight and Departmental compliance with EA policy. The CIO is directed to ensure that all staff conducting EA oversight are Federal employees.

SECURITY ACTIVITIES

The bill provides $92,623,000 for Security Activities, $22,300,000 more than the amount requested. This increased funding is provided to support costs of transition to the National Center for Critical Information Processing and Storage.

CIO-LED INFORMATION TECHNOLOGY ACQUISITIONS

The Committee continues an existing requirement that the CIO report on all information technology acquisitions financed directly or managed by the CIO.

FEDERAL INFORMATION SECURITY AND MANAGEMENT ACT

DHS has made progress improving its performance on the Federal Information Security and Management Act scorecard, but must do more to improve its information security. The CIO is directed to brief the Committees no later than April 6, 2009, on the details of its information security priorities and initiatives, as discussed in the Senate report.

ANALYSIS AND OPERATIONS

The bill includes $327,373,000 for Analysis and Operations. As requested by the Department, the Committee has transferred funding between appropriations for Analysis and Operations and the Office of the Secretary and Executive Management, to reflect the reassignment of the Secretary's briefing staff and counter-terrorism planning staff.

DHS INTELLIGENCE EXPENDITURE PLAN

As detailed in the Senate report, no later than 60 days after the date of enactment of this Act, the Secretary shall submit a fiscal year 2009 expenditure plan for the Office of Intelligence and Analysis, including balances carried forward from prior years.

STATE AND LOCAL FUSION CENTERS

The Department's Chief Intelligence Officer is directed to continue quarterly updates to the Committees that detail progress in placing DHS intelligence professionals in State and local fusion centers, as discussed in the Senate report.

CLASSIFIED PROGRAMS

Recommended adjustments to classified programs are addressed in a classified annex accompanying this statement.

OFFICE OF THE FEDERAL COORDINATOR FOR GULF COAST REBUILDING

The bill provides $1,900,000 for the Office of the Federal Coordinator for Gulf Coast Rebuilding (OFCGCR). OFCGCR is expected to remain open until at least the end of fiscal year 2009. Of the amount provided, $50,000 is for OFCGCR to organize a panel of housing experts, disaster response experts, and urban planning experts to develop a framework for developing and sustaining affordable rental housing in affected Gulf Coast Communities. These experts shall be chosen as detailed in the House report. OFCGCR is to report to the Committees on the recommendations of this panel, and to submit a strategy and timeline for implementing the most promising recommendations, by December 30, 2008.

OFFICE OF INSPECTOR GENERAL

The bill provides $98,513,000 for the Office of Inspector General (OIG). In addition to this direct appropriation, $16,000,000 may be transferred from the Disaster Relief Fund (DRF) to the OIG to continue and expand audits and investigations related to disasters. The OIG is required to notify the Committees no less than 15 days prior to all transfers from the DRF.

AUDIT REPORTS

The OIG is directed to forward copies of all audit reports to the Committees when they are issued and to immediately make the Committees aware of any review that recommends cancellation of, or modification to, any major acquisition project or grant, or that recommends significant budgetary savings. The OIG is directed to withhold any final audit or investigation report requested by the Committees from public distribution for a period of 15 days.

OIG WEBSITE

The Secretary of the Department of Homeland Security is directed to update and maintain the DHS OIG website link as established on the DHS website.

TITLE II—SECURITY, ENFORCEMENT, AND INVESTIGATIONS

U.S. CUSTOMS AND BORDER PROTECTION

SALARIES AND EXPENSES

The bill includes $7,603,206,000 for U.S. Customs and Border Protection (CBP) Salaries and Expenses. Of this amount, $1,269,158,000 is for Headquarters, Management, and Administration, including an additional $500,000 for three new positions for conduct and integrity oversight, and an additional $2,007,000 associated with 58 new positions for trade programs, as specified in the Senate report. Within the total appropriation, $2,561,099,000 is for Border Security Inspections and Trade Facilitation, including: an additional $200,000,000 to fund CBP Officer law enforcement retirement costs, as identified by CBP; $62,800,000, as requested, to support US-VISIT operations and equipment managed by CBP; an additional $10,000,000 to enhance and expand the Global Entry system; an additional $8,750,000 for 173 new CBP Officer positions at air ports of entry for the final two months of the fiscal year; an additional $28,282,000 for 561 new CBP Officer positions for land ports of entry for the final two months of the fiscal year; an additional $5,100,000 for 100 new Agricultural Specialist positions for the final two months of the fiscal year; an additional $2,553,000 for 58 new positions for trade programs, as specified in the Senate report; an additional $4,500,000 for a Joint Information and Intelligence Fusion Center in Bellingham, Washington, of which not more than $2,000,000 shall be available until September 30, 2010, and of which up to $500,000 may be used for security training and exercises in preparation for the 2010 Winter Olympics. The bill does not require use of prior year unobligated balances of Salaries and Expenses appropriations to fund fiscal year 2009 Inspections, Trade, and Travel Facilitation at Ports of Entry, notwithstanding direction in the House report.

Within this appropriation, $145,944,000 is for inspection and detection technology investments, reflecting an additional $30,000,000 for the acquisition of new or replacement large-scale non-intrusive inspection technology and a reduction of $3,200,000 due to delayed radiation monitor deployments. A total of $3,501,270,000 is included in this appropriation for Border Security and Control Between Ports of Entry, including an additional $1,950,000 for the transfer of up to 75 Border Patrol agents to the Northern border, and a reduction of $16,000,000 from the request due to expected delays in hiring mission support staff. Finally, $271,679,000 in this appropriation is for Air and Marine Personnel Compensation and Benefits, including an additional $17,400,000 for 115 positions to staff fully 11 new Marine Enforcement Units.

The following table specifies funding by budget program, project, and activity:

| | |
|---|---|
| Headquarters, Management, and Administration: | |
| Management and Administration, Border Security Inspections and Trade Facilitation ..... | $646,608,000 |
| Management and Administration, Border Security and Control between Ports of Entry ... | 622,550,000 |
| Subtotal, Headquarters, Management, and Administration .. | 1,269,158,000 |
| Border Security Inspections and Trade Facilitation: | |
| Inspections, Trade, and Travel Facilitation at Ports of Entry ..... | 2,093,988,000 |
| Harbor Maintenance Fee Collection (Trust Fund) | 3,154,000 |
| Container Security Initiative ..... | 149,450,000 |
| Other International Programs ..... | 10,984,000 |
| Customs-Trade Partnership Against Terriorism ..... | 64,496,000 |
| Free and Secure Trade (FAST)/NEXUS/ SENTRI ..... | 11,274,000 |
| Inspection and Detection Technology Investments ..... | 145,944,000 |
| Automated Targeting Systems ..... | 32,550,000 |
| National Targeting Center ..... | 24,481,000 |
| Training ..... | 24,778,000 |
| Subtotal, Border Security Inspections and Trade Facilitation .... | 2,561,099,000 |
| Border Security and Control between Ports of Entry: | |
| Border Security and Control ..... | 3,426,455,000 |
| Training ..... | 74,815,000 |
| Subtotal, Border Security and Control between POEs ..... | 3,501,270,000 |
| Air and Marine Personnel Compensation and Benefits ..... | 271,679,000 |
| Total ..... | $7,603,206,000 |

STAFFING AND RESOURCE REPORTS AND BRIEFINGS

CBP is directed to: (1) report and brief on Border Patrol hiring and deployment statistics, and (2) share staffing and resource information with port authorities and other stakeholders at airports and land ports of entry, as specified in the House report. In addition, CBP is directed to brief the Committees not later than January 30, 2009, on how incentives such as pay adjustments could be used to recruit and retain Border Patrol agents and CBP Officers with language fluency skills, as outlined in the House report.

GLOBAL ENTRY

CBP is directed to report to the Committees on its findings from Global Entry airport pilots, as outlined in the House report.

SUPPORT OF US–VISIT

CBP is directed to provide a detailed report, as part of its fiscal year 2010 budget request, on its support of US–VISIT technology and operations, as specified in the House report.

AUTOMATED TARGETING SYSTEM—PASSENGER (ATS-P)

CBP is directed to obligate no funds to enhance ATS-P until the Commissioner certifies such enhancement complies with all applicable laws, as specified in the House report.

TEXTILE TRANSSHIPMENT ENFORCEMENT

The bill includes $4,750,000 for textile transshipment enforcement. CBP is directed to ensure that activities of its Textile and Apparel Policies and Programs Office are maintained at prior year levels, and to report in the fiscal year 2010 budget on execution of its five year plan, as specified in the House report.

BORDER PATROL SELF-INSPECTION PROGRAM

CBP is directed to include in its fiscal year 2010 budget submission a report on results for the annual Border Patrol Self-Inspection Program, including data on processing and treatment of unaccompanied alien minors encountered by the Border Patrol, as specified in the House report.

INVASIVE PLANT SPECIES

CBP is directed to include in its fiscal year 2010 budget submission a plan to eradicate Arundo donax and other invasive plants in Texas border areas, as specified in the House report.

INFECTIOUS DISEASE INTERDICTION AND CONTROL

CBP is encouraged to explore with the Centers for Disease Control and Prevention ways to improve CBP Officer training related to infectious disease interdiction and control at ports of entry, as outlined in the House report.

PROJECT SEAHAWK

Project SeaHawk is funded at $2,000,000. CBP is directed to report on the impact of Project SeaHawk to date, and how it will be funded and supported beyond fiscal year 2009, as specified in the House report.

OPERATIONAL SUPPORT AND MISSION SUPPORT HIRING

CBP has informed the Committees that it is significantly behind schedule for hiring operational support and mission support personnel for Border Patrol operations, with 886 positions currently vacant. It therefore appears unlikely that CBP will be able to hire the 441 additional operational support and mission support positions requested for fiscal year 2009 or address the current hiring lag. The bill reduces funding for this purpose by $16,000,000. CBP is directed to intensify its efforts, as specified in the Senate report, to hire previously funded positions and enable Border Patrol agents to concentrate on their enforcement missions, thus addressing a need made more urgent by the termination of National Guard support under Operation Jump Start. CBP is directed to report on this mission support hiring effort as part of its quarterly hiring briefings to the Committees.

CBP VEHICLE FLEET

DHS is directed to include with its fiscal year 2010 budget submission a plan to replace at least 20 percent of the CBP vehicle fleet annually, as well as the funding needed to execute the plan, as specified in the Senate report.

ANTIDUMPING AND COUNTERVAILING DUTY ENFORCEMENT

The bill includes, within the amounts provided for in this account, sufficient funds to administer the on-going requirements of section 754 of the Tariff Act of 1930 (19 U.S.C. 1675c), referenced in subtitle F of title VII of the Deficit Reduction Act of 2005 (Public Law 109–171; 120 Stat. 154).

CBP is directed to continue to work with the Departments of Commerce and Treasury, and the Office of the United States Trade Representative (and all other relevant agencies) to increase collections, and provide a public report on an annual basis, within 30 days of each year's distributions under the law. The report should summarize CBP's efforts to collect past due amounts and increase current collections, particularly with respect to cases involving unfairly traded U.S. imports from China. The report shall provide the amount of uncollected duties for each antidumping and countervailing duty order, and indicate the amount of open, unpaid bills for each such order. In that report, the Secretary of Homeland Security, in consultation with other relevant agencies, including the Secretaries of Treasury and Commerce, should also advise as to whether CBP can adjust its bonding requirements to further protect revenue without violating U.S. law or international obligations, and without imposing unreasonable costs upon importers.

The Secretary of Homeland Security is directed to work with the Secretary of Commerce to identify opportunities for the Commerce Department to improve the timeliness, accuracy, and clarity of liquidation instructions sent to CBP. Increased attention and interagency coordination in these areas could help ensure that steps in the collection of duties are completed in a more expeditious manner.

CUSTOMS REVENUE STAFFING SHORTFALLS

CBP is directed to comply with the direction specified in the Senate report regarding customs revenue staffing shortfalls.

INSPECTION AND DETECTION TECHNOLOGY

CBP has informed the Committees that it does not intend to acquire or refurbish additional large-scale non-intrusive inspection (NII) technology in fiscal year 2008, despite the need to replace at least 36 systems in the CBP inventory that are no longer in operation or fail to meet minimum performance standards set by CBP. In order to ensure that CBP attains the most cost effective technology for inspection and detection missions, the bill includes an additional $30,000,000 to acquire new or replacement large-scale NII technology. CBP is directed to use competitive acquisition practices to replace, refurbish, or acquire large-scale NII systems, and to make all such decisions, regardless of whether they result in new or refurbished systems, based on comparisons of cost and performance for all options.

CONTAINER SECURITY DEVICES

The bill includes language directing the Commissioner to submit to the Committees, not later than 120 days after the date of enactment of this Act, the results of operational field testing of container security devices and a plan for implementation and deployment of such devices, as applicable, in high risk trade lanes.

AUTOMATION MODERNIZATION

The bill includes $511,334,000 for Automation Modernization, as requested. Of this funding, not less than $316,851,000 is provided for the Automated Commercial Environment (ACE), of which $16,000,000 is included for the International Trade Data System. Of the total provided for ACE, $216,851,000 is unavailable for obligation until 30 days after an expenditure plan is submitted to the Committees, as specified in the House report. CBP is directed to continue submitting quarterly reports to the Committees on progress in implementing ACE.

TECS MODERNIZATION EXPENDITURE PLAN

CBP is directed to comply with direction specified in the House and Senate reports regarding briefings and reports on TECS modernization.

BORDER SECURITY FENCING, INFRASTRUCTURE, AND TECHNOLOGY

The bill includes $775,000,000 for the integrated Border Security Fencing, Infrastructure, and Technology (BSFIT) account, as requested. Funds are available until expended. The funding includes $120,000,000 for Program Management, including $50,000,000 for environmental and regulatory requirements, and $70,000,000 for personnel operations and support; $505,000,000 for Development and Deployment, of which $30,000,000 is for the Border Interoperability Demonstration Project, and $40,000,000 is for Northern border security technology investment; and $150,000,000 for Operations and Support. The latter funding level reflects the Administration's downward revision from the original $410,000,000 request for Operations and Support.

The bill makes $400,000,000 unavailable for obligation until the Committees have received and approved an expenditure plan that complies with conditions set forth in the bill, and which has been reviewed by the GAO. The bill also makes no funding available until the Secretary certifies that CBP has complied with legal requirements for consultation with communities, federal agencies and other stakeholders affected by planned deployment of fencing and tactical infrastructure, and also makes no funding available for projects for which the Secretary has exercised statutory authority to waive various environmental and other regulations and laws until 15 days after public notice of such waiver. Finally, the bill makes $100,000,000 available immediately to CBP for any BSFIT purposes, notwithstanding any other provision in the bill.

REPORTING REQUIREMENTS TO THE COMMITTEES

CBP is directed to include, as part of the quarterly Secure Border Initiative (SBI) reports, a report on technology investment on the Northern border, as specified in the House report. CBP is directed to provide a monthly report on BSFIT obligations and expenditures, as specified in the House report. CBP is directed to include, within the fiscal year 2009 expenditure plan and as specified in the House report, an environmental plan and a report on mitigation efforts.

ESTABLISHMENT AND MAINTENANCE OF BORDER BARRIERS

CBP is directed to explain the rationale for its BSFIT operations and maintenance budget, which it significantly reduced from its original budget level. The explanation should be included in the expenditure plan, and should also address the significant shift in technology investment into fiscal years 2009 and 2010, and implications for ongoing operations and maintenance costs.

VEHICLES

CBP is directed to fund any requirements for vehicles for the SBI Program Management Office or other activities funded in this account through the CBP Salaries and Expenses appropriation.

ANALYSIS OF ALTERNATIVES FOR BORDER INFRASTRUCTURE INVESTMENT

CBP is directed to comply with specifications in the House report for the conduct of analyses of alternatives for effective control of the border, as well as to ensure that CBP identifies and evaluates alternatives proposed by stakeholders as potential substitutes for tactical infrastructure.

GOVERNMENT ACCOUNTABILITY OFFICE REVIEW

GAO is directed to review the CBP process for consultation on border infrastructure projects and how CBP carries out such consultation, as specified in the House report.

TACTICAL COMMUNICATIONS

The Commissioner is directed to provide a plan, within 90 days of the date of enactment of this Act, detailing the staffing, equipment, and funding necessary to complete the build out of the Border Patrol Tactical Communications program by the end of fiscal year 2013.

EXPENDITURE PLAN CERTIFICATIONS

The fiscal year 2008 BSFIT expenditure plan submitted by the Department did not comply with requirements of the law; specifically, it failed to include required information in support of several certifications or provided only conditional certifications. The Department is directed to ensure that certifications submitted in support of future expenditure plans include all supporting documentation, address current and prospective elements of the program, and not be conditional in nature.

The following table specifies funding by budget program, project, and activity:

| | |
|---|---|
| Development and Deployment: | |
| Technology and Infrastructure Investment .. | $435,000,000 |
| Border Interoperability Demonstration Project | 30,000,000 |
| Northern border Technology Investment ..... | 40,000,000 |
| Subtotal, Development and Deployment ..... | 505,000,000 |
| Operations and Support (Integrated Logistics) .... | 150,000,000 |
| Program Management: | |
| Personnel Operations and Support ..... | 70,000,000 |
| Regulatory and Environmental Requirements .. | 50,000,000 |
| Subtotal, Program Management ..... | 120,000,000 |
| Total, Border Security Fencing, Infrastructure, and Technology ..... | 775,000,000 |

AIR AND MARINE INTERDICTION, OPERATIONS, MAINTENANCE, AND PROCUREMENT

The bill includes $528,000,000 for Air and Marine Interdiction, Operations, Maintenance, and Procurement, as requested. This includes $380,022,000 for Operations and Maintenance, and $147,978,000 for Procurement. Within the above amounts are $26,600,000 for Northern border air branches and $5,000,000 for the Wireless Airport Surveillance Platform to address private aircraft enforcement system noncompliance. The bill makes $18,000,000 available only when a concept of operations for the deployment of unmanned aerial systems (UAS) has been established, as required in section 544 of this Act.

UAS DEPLOYMENT PLAN

CBP is directed to provide the comprehensive report on plans for UAS deployment as specified in the House report.

CONSTRUCTION

The bill includes $403,201,000 for Construction, including $39,700,000 for the Advanced Training Center. The bill requires that, beginning with the fiscal year 2010 budget submission and thereafter, CBP shall, in consultation with the General Services Administration, include a five-year plan for all Federal land border port of entry projects. CBP is directed to execute its construction plans as reflected in the table included in the Senate report, or to notify the Committees of any changes, as appropriate, pursuant to the reprogramming and transfer provisions in this Act.

U.S. IMMIGRATION AND CUSTOMS ENFORCEMENT

SALARIES AND EXPENSES

The bill includes $4,927,210,000 for U.S. Immigration and Customs Enforcement (ICE) Salaries and Expenses. Within the total budget for Salaries and Expenses, $1,000,000,000 is for efforts to identify individuals illegally present in the United States who have criminal records, whether incarcerated or at-large, and to remove those aliens once they have been judged deportable in immigration court.

The bill also provides $1,519,208,000 for ICE's domestic investigatory responsibilities, funding nearly all of the program increases requested by the President while also expanding several critical initiatives, as discussed below. Given these significant new resources provided for investigations, ICE is expected to strengthen its ability to demonstrate how these resources are being used effectively.

The bill includes language regarding OIG reviews of 287(g) agreements, use of detention services after a facility has received performance evaluations of less than adequate, and ICE authorities provided under 8 U.S.C. 1101(a)(17).

The following table specifies funding levels by budget activity:

| | |
|---|---|
| Headquarters Management and Administration: | |
| Personnel Compensation and Benefits, Service, and Other Costs ..... | $203,076,000 |
| Headquarters Managed IT Investment ..... | 169,348,000 |
| Subtotal, Headquarters Management and Administration ..... | 372,424,000 |
| Legal Proceedings ..... | 215,035,000 |
| Domestic Investigations .... | 1,519,208,000 |
| International: | |
| International Investigations ..... | 106,741,000 |
| Visa Security Program ... | 26,800,000 |
| Subtotal, International | 133,541,000 |
| Intelligence ..... | 55,789,000 |
| Detention and Removal Operations: | |
| Custody Operations ..... | 1,721,268,000 |
| Fugitive Operations ..... | 226,477,000 |
| Criminal Alien Program | 189,069,000 |
| Alternatives to Detention ..... | 63,000,000 |
| Transportation and Removal Program ..... | 281,399,000 |
| Subtotal, Detention and Removal Operations ..... | 2,481,213,000 |
| Additional funding for Comprehensive Identification and Removal of Criminal Aliens (CIRCA) | 150,000,000 |
| Total, ICE Salaries and Expenses ..... | 4,927,210,000 |

PRIORITIZING THE REMOVAL OF DEPORTABLE CRIMINAL ALIENS

In the Department of Homeland Security Appropriations Act, 2008, the Congress provided ICE $200,000,000 to identify aliens convicted of crimes and sentenced to imprisonment, and to remove from the country those individuals judged deportable. Within its plan to carry out this mandate, ICE estimated it would cost between $900,000,000 and $1,100,000,000 annually to find and deport the most dangerous and violent criminals judged deportable.

The bill recognizes the complex mix of programs and priorities that ICE faces by providing a significant funding increase for the agency's overall operations. The bill requires that within the resources provided to ICE $1,000,000,000 shall be to address the compelling need to remove from the United States deportable criminal aliens, whether in custody or at-large. Of this amount, $150,000,000

is additional funding that was not requested by the President and $850,000,000 is from within existing ICE programs to strengthen the agency's focus on this challenge.

The bill requires ICE to report to the Committees on exactly how it will allocate the funds provided for this purpose, and to provide quarterly updates on its expenditures and progress toward identifying and removing all deportable criminal aliens. Within 30 days after the date of enactment of this Act, ICE shall submit a report detailing how the agency will utilize the additional $150,000,000 provided in the bill, as well as an explicit plan for how ICE will allocate $850,000,000 of existing program resources to the identification and removal of deportable criminal aliens. As discussed in the House report, ICE should clearly identify activities across the entire range of its programs and explain how they are focused on efforts to identify and remove deportable criminal aliens.

ICE INVESTIGATIONS

The bill provides $1,519,208,000 for ICE domestic investigations and $133,541,000 for ICE international investigations. Within these amounts, $22,100,000 is provided as requested to expand a variety of investigatory programs. Additional resources are allocated to the following programs: $6,000,000 for transnational gang enforcement; $8,400,000 for the visa security program, as discussed in the Senate report; and $3,000,000 for cyber crime investigations.

The budget structure for ICE domestic investigations is reflected at the same aggregate level as in prior appropriations. In the past, ICE has been unable to detail how it allocates resources within the Office of Investigations (OI), sets investigatory priorities, or measures the performance of units within OI. ICE is directed to submit, within 30 days after the date of enactment of this Act, a detailed expenditure plan for the investigations budget that reflects the agency's priorities and resource allocations, and to provide quarterly reports on the execution of this plan within 30 days of the close of each quarter of the fiscal year. In addition, ICE is directed to provide the same level of detail in the congressional justification documents for the fiscal year 2010 investigations budget.

The budget for ICE international investigations is split into two separate programs in fiscal year 2009: the visa security program (VSP) and other international investigations. Because of the importance of VSP, and the significant expansion funded in fiscal year 2009, ICE and the Committees need this additional detail to monitor how the agency aligns its resources to mission requirements and operations.

ICE WORKSITE ENFORCEMENT

The bill provides $126,515,000 for worksite enforcement investigations, an increase of $34,300,000 over the request level, as discussed in the Senate report.

ICE RESOURCE ALLOCATIONS

GAO is directed to review ICE resource allocations as discussed in the House report.

COORDINATION OF BUDGET SUBMISSIONS FOR THE IMMIGRATION SYSTEM

When DHS implements new civil and criminal immigration enforcement initiatives, other elements of the justice system may not have been able to plan or budget for how these DHS initiatives will impact their own workload and resource needs. An efficient justice system requires coordination between many elements including investigative agents, U.S. Attorneys, U.S. Marshals, the Office of the Federal Detention Trustee, district courts, probation and pretrial services officers, defender services, the Federal Prison System, and the Executive Office of Immigration Review (EOIR). The Administration is expected to improve its budgeting for immigration initiatives to ensure that all elements of the civil and criminal justice system have sufficient resources to implement DHS enforcement programs. Specifically, in order to ensure success of the effort to remove criminal aliens, resource requests for EOIR and ICE must be coordinated.

ICE INTELLIGENCE

The bill provides an additional $2,833,000 for ICE Field Intelligence Groups, as discussed in the Senate report.

DETENTION BED SPACES

The bill provides funding for 1,400 additional detention beds and associated staffing at ICE, which will allow the agency to detain up to 33,400 individuals on a daily basis.

DETENTION CENTER MEDICAL SERVICES

The bill provides an additional $2,000,000 for the Office of Professional Responsibility in 2009 for ICE to undertake immediately a review of the medical care provided to people detained by DHS. This review should be carried out as discussed in the House report. In addition, ICE should immediately implement the GAO recommendations to improve its medical services, as discussed in the Senate report.

STATE AND LOCAL PROGRAMS

The bill provides a total of $99,653,000 for State and local programs, $2,200,000 more than requested. Within this total, $54,130,000 is for the 287(g) program, including $5,000,000 for compliance reviews conducted by the Office of Professional Responsibility. ICE is strongly encouraged to prioritize new 287(g) agreements that will maximize the identification and removal of deportable criminal aliens. As requested, $11,286,000 is provided for the Forensics Document Laboratory. The bill also provides $34,237,000 for the Law Enforcement Support Center (LESC), an additional $2,200,000, which should be used to fund conversion of LESC employees from job category 1802 to job category 1801.

TEXTILE TRANSSHIPMENT ENFORCEMENT

As discussed in the Senate report, the bill includes $4,750,000 for textile transshipment enforcement, as authorized by section 352 of the Trade Act of 2002. Concurrent with its fiscal year 2010 budget submission, ICE should report on this activity as discussed in the House report.

ALTERNATIVES TO DETENTION

The bill provides $63,000,000, $7,209,000 above the request, for Alternatives to Detention programs.

INAPPROPRIATE TREATMENT OF CHILDREN IN ICE CUSTODY

The OIG is directed to review ICE practices for determining the age of those in its custody, and to report to the Committees on Appropriations on any cases in fiscal years 2008 or 2009 where ICE used dental or skeletal examinations to determine a child's age.

TRANSPORTATION OF UNACCOMPANIED ALIEN MINORS

In conjunction with the Office of Management and Budget (OMB) and the Department of Health and Human Services (HHS), DHS is directed to submit a report to the Committees no later than March 1, 2009, recommending which agency is the most appropriate to fund transportation of unaccompanied alien minors between DHS and HHS custody. In addition, starting no later than April 6, 2009, ICE, in conjunction with the HHS Office of Refugee Resettlement, should provide semi-annual briefings to the Committees on the implementation of the recommendations. For fiscal year 2009, the bill provides sufficient resources to DHS to pay for this transportation responsibility.

ICE HEADQUARTERS MANAGEMENT AND ADMINISTRATION

The bill provides an increase of $987,000 for ICE Training Consolidation and Integration, and $7,000,000 for efforts to co-locate ICE field facilities.

HUMAN RIGHTS LAW DIVISION

As discussed in the House report, an additional $500,000 is provided within the budget for the ICE Office of the Principal Legal Advisor to continue expansion of the Human Rights Law Division.

DETENTION AND REMOVAL REPORTING

ICE is directed to continue to submit quarterly reports on detention and removal statistics, as discussed in the Senate report.

SPECIAL INTEREST ALIENS

Within 45 days after the date of enactment of this Act, ICE is directed to provide a classified briefing on special interest aliens, as discussed in the Senate report.

STUDENT AND EXCHANGE VISITOR PROGRAM

ICE is directed to ensure that additional revenues collected through higher Student and Exchange Visitor Program fees improve customer service for both students and academic institutions, as discussed in the House report.

FEDERAL PROTECTIVE SERVICE

Funding for the Federal Protective Service (FPS) is provided through a security fee charged to all GSA building tenants in FPS-protected buildings. Pursuant to the increased security fees announced on February 28, 2008, the bill estimates that FPS will collect and spend $640,000,000 in fiscal year 2009, which is $24,000,000 more than estimated in the budget.

FEDERAL PROTECTIVE SERVICE POLICE

The bill includes a provision maintaining FPS police staffing at the levels mandated by the Department of Homeland Security Appropriations Act, 2008. The bill also requires the Director of OMB to certify in writing that fees in fiscal year 2009 will be sufficient to support the FPS police staffing levels.

AUTOMATION MODERNIZATION

The bill provides $57,000,000 for Automation Modernization, as requested, which funds a variety of ICE technology investments critical to the future of the agency.

TECS MODERNIZATION

The bill provides $15,700,000, as requested, for TECS modernization. As discussed in the Senate report, ICE shall report to the Committees on its efforts in this area.

CONSTRUCTION

The bill provides an additional $5,000,000 for ICE construction, which funds basic and emergency maintenance at ICE-owned detention facilities.

TRANSPORTATION SECURITY ADMINISTRATION

AVIATION SECURITY

(INCLUDING TRANSFER OF FUNDS)

The bill provides $4,754,518,000 for Aviation Security. In addition to the amounts appropriated, a mandatory appropriation totaling $250,000,000 is available through the Aviation Security Capital Fund. Bill language is included to reflect the collection of $2,320,000,000 from aviation user fees, as authorized. The following table specifies funding by budget activity:

| | |
|---|---|
| Screener Workforce: | |
| Privatized screening ..... | $151,272,000 |
| Passenger and baggage screeners, personnel, compensation and benefits ..... | 2,716,014,000 |
| Subtotal, screener workforce ..... | 2,867,286,000 |

| | |
|---|---|
| Screening training and other | 197,318,000 |
| Checkpoint support | 250,000,000 |
| EDS/ETD Systems: | |
| EDS procurement and installation | 294,000,000 |
| Screening technology maintenance and utilities | 305,625,000 |
| Operation integration | 21,481,000 |
| Subtotal, EDS/ETD systems | 621,106,000 |
| Subtotal, screening operations | 3,935,710,000 |
| Aviation Security Direction and Enforcement: | |
| Aviation regulation and other enforcement | 245,268,000 |
| Airport management and support | 401,666,000 |
| Federal flight deck officer and flight crew training | 25,025,000 |
| Air cargo | 122,849,000 |
| Airport perimeter security | 4,000,000 |
| Subtotal, aviation security direction and enforcement | 798,808,000 |
| Implementing Requirements of the 9/11 Act | 20,000,000 |
| Total, Aviation Security | 4,754,518,000 |

IMPLEMENTING REQUIREMENTS OF THE 9/11 ACT

The bill includes $1,119,112,836 within the total appropriation provided to the Transportation Security Administration (TSA) for activities and requirements authorized by the 9/11 Act, including: $544,000,000 for the procurement and installation of explosives detection systems at airports; $122,849,000 for air cargo security; $30,000,000 to expand Visible Intermodal Protection and Response Teams; $390,663,836 for specialized screening programs (travel document checkers, behavior detection officers, bomb appraisal officers, and officers to randomly screen more airport and airline employees); $11,600,000 for surface transportation inspectors; and $20,000,000 to implement regulations and other new activities authorized by the 9/11 Act. TSA shall use the $20,000,000 to: conduct vulnerability assessments of high risk public transportation agencies, railroads, and over-the-road bus operators; conduct additional security exercises for public transportation, over-the-road bus, and railroad employees; hire additional surface transportation security inspectors; establish and implement an information sharing plan for transportation security and an Information Sharing and Analysis Center for transportation security; conduct security reviews of foreign repair stations; develop procedures and initial implementation of a law enforcement officer biometric credential; and improve security at general aviation airports. TSA shall report to the Committees 90 days after the date of enactment of this Act on the proposed allocation of these funds at the account and PPA level.

PRIVATIZED SCREENING

The bill provides $151,272,000 for Privatized Screening. TSA is directed to approve applications for those airports that are seeking to participate in the screening partnership program and to provide screener services to airports that become eligible in fiscal year 2009. TSA shall notify the Committees if the agency expects to spend less than the appropriated amount due to situations where no additional airports express interest in converting, either fully or partially, to privatized screening, or where airports currently using privatized screening convert to using federal screeners. TSA shall adjust its PPA line items, and notify the Committees within ten days, to account for any changes in private screening contracts, and screener personnel, compensation and benefits to reflect the award of contracts under the screening partnership program, or the movement from privatized screening into federal screening.

WAIT TIMES

Consistent with prior years, TSA shall continue to submit airport wait time data on a quarterly basis for domestic airports with above-average wait times and for the top 40 busiest airports. As part of these reports, TSA shall explain any dramatic shift in wait times and what is being done to reduce wait times at these airports. TSA shall not alter its current 10 minute standard.

CHECKPOINT SUPPORT

The bill provides $250,000,000 for Checkpoint Support to deploy a number of emerging technologies to screen airline passengers and carry-on baggage for explosives, weapons, and other threat objects by the most advanced equipment currently under development. TSA is directed to spend funds on multiple whole body imaging technologies including backscatter and millimeter wave as directed in the Senate report. TSA shall provide an expenditure plan not later than 60 days after the date of enactment of this Act, as discussed under Transportation Security Support.

STERILE AREA ACCESS

Currently TSA is studying the feasibility of a sterile area access system at three pilot airports and expects these pilots to be concluded in fiscal year 2008. TSA is directed to notify the Committees on the results of these pilots after the agency evaluates whether throughput is improved with separate sterile area screening for airline crews, identifies what problems may occur in real time environments in which crew are screened separately from passengers, and evaluates resource and funding needs. If TSA determines that this program merits expansion, checkpoint support funds may be used for this purpose after notifying the Committees.

EXPLOSIVES DETECTION SYSTEMS

The bill provides a total of $544,000,000 for Explosives Detection Systems (EDS) procurement and installation. Within the total funding for EDS procurement and installation, $294,000,000 is appropriated in this Act and $250,000,000 is derived from mandatory funding from the Aviation Security Capital Fund. Within the funds provided, not less than $84,500,000 shall be available to procure and deploy certified EDS at medium- and small-sized airports. The purchase of the screening equipment for medium- and small-sized airports must be competitively awarded. Any award to deploy explosives detection systems must be based on risk, the airports current reliance on other screening solutions, lobby congestion resulting in increased security concerns, high injury rates, airport readiness, and increased cost effectiveness.

TSA shall provide an expenditure plan to the Committees not later than 60 days after the date of enactment of this Act, as discussed under Transportation Security Support. If new requirements occur after the plan is submitted, TSA shall reassess and reallocate funds after notifying the Committees of any change. As discussed in the Senate report, TSA shall provide quarterly updates on EDS and checkpoint expenditures, on an airport-by-airport basis. These updates shall include information on the specific technologies for purchase, project timelines, a schedule for obligation, and a table detailing actual versus anticipated unobligated balances at the close of the fiscal year, with an explanation of any deviation from the original plan.

SCREENING TECHNOLOGY MAINTENANCE AND UTILITIES

The bill provides $305,625,000 for Screening Technology Maintenance and Utilities, of which $4,400,000 can be used for costs related to the disposal of screening equipment no longer in service. Because of persistent cost escalations in this area, TSA shall provide a report to the Committees on maintenance and utility costs for screening technologies and identify ways that these costs may be controlled in the future.

THREAT CONTAINMENT UNITS

TSA is encouraged to review the efficacy of its current inventory of threat containment units (TCUs) and, as necessary, test and evaluate next generation TCU technologies. TSA should report to the Committees on whether TCUs should be part of its explosives detection operations and if so, whether additional units are needed.

GENERAL AVIATION

As part of its efforts to address vulnerabilities in general aviation security, TSA is directed to report to the Committees on the execution of fiscal year 2008 general aviation training and education program funding.

AIR CARGO

The bill provides $122,849,000 for Air Cargo. Within the funds provided, $18,000,000 shall be used to expand technology pilots to evaluate the effectiveness of air cargo screening and for auditing indirect air carriers, shippers, and distribution centers participating in the certified shipper program. No later than 60 days after the date of enactment of this Act, TSA shall submit an expenditure plan to the Committees on the allocation of air cargo funds, including carryover. This plan should detail efforts to develop new covert testing protocols, data related to cargo strike team augmentation, the location and number of canine teams deployed, and the specific screening technologies deployed for air cargo. In addition, TSA is directed to brief the Committees on its certified shipper pilot program before it moves to a nationwide rollout. This briefing should detail the processes for securing air cargo through the supply chain, and schedule, milestones, and performance measures for the program.

Within the fiscal year 2007 supplemental appropriation (Public Law 110–28), funding was provided for TSA to assess air cargo vulnerabilities at the largest (Category X) airports. TSA is directed to brief the Committees no later than March 1, 2009, on the results of the completed airport vulnerability assessments, as detailed in the Senate report. If vulnerability assessments have not been completed at all of the largest airports, TSA shall brief the Committees again once all work has been concluded.

SURFACE TRANSPORTATION SECURITY

The bill provides $49,606,000 for Surface Transportation Security. Within this total, $24,885,000 is for surface transportation staffing and operations and $24,721,000 is for rail security inspectors and canines.

TRANSPORTATION THREAT ASSESSMENT AND CREDENTIALING

The bill provides a direct appropriation of $116,018,000 for Transportation Threat Assessment and Credentialing. In addition, TSA anticipates it will collect $40,000,000 in fees. Funding is provided as follows:

| | |
|---|---|
| Direct Appropriations: | |
| Secure flight | $82,211,000 |

| | |
|---|---|
| Crew and other vetting ... | 33,807,000 |
| Subtotal, direct appropriations ..... | 116,018,000 |
| Fee Collections: | |
| Registered traveler ..... | 10,000,000 |
| Transportation worker identification credential ..... | 9,000,000 |
| Hazardous materials ..... | 18,000,000 |
| Alien flight school (transfer from DOJ) ..... | 3,000,000 |
| Subtotal, fee collections ..... | 40,000,000 |

SECURE FLIGHT

The bill provides $82,211,000 for Secure Flight. No funding shall be used for Secure Flight cutover operations until GAO reports that all ten statutory conditions necessary for certification have been met.

CREW AND OTHER VETTING

The bill provides $33,807,000 for Crew and Other Vetting programs. Within the total appropriation, $12,500,000 is provided for vetting infrastructure enhancements necessary to perform mandated vetting operations on populations that require access to critical infrastructure. TSA shall report to the Committees about the progress it has made to carry out this mandate, the necessary vetting infrastructure investments to increase capacity, estimated life cycle costs and timelines. No funds appropriated for crew and other vetting programs may be used to supplement the Secure Flight program beyond the amount specifically appropriated unless TSA submits a reprogramming or transfer request in accordance with section 503 of this Act.

TRANSPORTATION SECURITY SUPPORT

The bill provides $947,735,000 for Transportation Security Support. Funding is provided as follows:

| | |
|---|---|
| Headquarters administration ..... | $234,870,000 |
| Human capital services ..... | 218,105,000 |
| Information technology .... | 472,799,000 |
| Intelligence ..... | 21,961,000 |
| Total, Transportation Security Support ..... | 947,735,000 |

EXPENDITURE PLANS

The bill includes language requiring TSA to submit detailed expenditure plans to the Committees for checkpoint support and explosives detection systems procurement, refurbishment, and installation on an airport-by-airport basis for fiscal year 2009. These plans are due no later than 60 days after the date of enactment of this Act. The bill withholds $20,000,000 for headquarters administration from obligation until the detailed expenditure plans are received.

VISIBLE INTERMODAL PROTECTION AND RESPONSE TEAMS

The bill provides a total of $30,000,000 for Visible Intermodal Protection and Response (VIPR) teams. This funding is contained within appropriations for Aviation Security, Surface Transportation Security, and Federal Air Marshals. TSA shall develop and report on performance standards to measure the success of its VIPR teams in detecting and disrupting terrorism. In addition, this report shall identify the methodology used to determine the distribution of VIPR resources and personnel among the various modes of transportation.

RISK ASSESSMENTS

The Secretary shall submit a report on risk-based priorities based on risk assessments across all transportation modes as discussed in the Senate report. In addition, the Secretary shall submit supporting documentation on how the risk assessments were used to allocate resources for each mode as directed in the Senate report. Both reports can be submitted in a classified or unclassified format.

FEDERAL AIR MARSHALS

The bill provides $819,481,000 for the Federal Air Marshals, including VIPR activities. Within the total appropriation provided, $725,081,000 is for management and administration and $94,400,000 is for travel and training. TSA shall continue to provide quarterly reports on the mission coverage, staffing levels, and hiring rates as directed in previous appropriations Acts.

COAST GUARD

OPERATING EXPENSES

The bill provides $6,194,925,000 for Operating Expenses (OE). Of this amount, $340,000,000 is available for defense-related activities; $3,600,000 is for the Operations Systems Center; and not to exceed $20,000 is provided for reception and representation expenses. The bill allows OE funds to be used to purchase or lease small boats. Funding for operating expenses shall be allocated as follows:

| | |
|---|---|
| Military pay and allowances: | |
| Military pay and allowances ..... | $2,576,170,000 |
| Military health care ..... | 352,469,000 |
| Permanent change of station ..... | 133,024,000 |
| Subtotal, military pay and allowances ..... | 3,061,663,000 |
| Civilian pay and benefits ... | 645,350,000 |
| Training and recruiting: | |
| Training and education .. | 95,989,000 |
| Recruitment ..... | 99,930,000 |
| Subtotal, training and recruiting ..... | 195,919,000 |
| Operating funds and unit level maintenance: | |
| Atlantic Command ..... | 175,823,000 |
| Pacific Command ..... | 196,112,000 |
| 1st District ..... | 59,069,000 |
| 5th District ..... | 21,792,000 |
| 7th District ..... | 77,391,000 |
| 8th District ..... | 46,916,000 |
| 9th District ..... | 31,595,000 |
| 11th District ..... | 17,645,000 |
| 13th District ..... | 22,931,000 |
| 14th District ..... | 19,099,000 |
| 17th District ..... | 30,979,000 |
| Headquarters directorates ..... | 318,642,000 |
| Headquarters managed units ..... | 158,616,000 |
| Other activities ..... | 796,000 |
| Subtotal, operating funds and unit level maintenance ..... | 1,177,406,000 |
| Centrally managed accounts ..... | 262,294,000 |
| Intermediate and depot level maintenance: | |
| Aeronautical ..... | 310,207,000 |
| Electronic ..... | 133,777,000 |
| Civil/ocean engineering and shore facilities maintenance ..... | 178,363,000 |
| Vessel ..... | 196,446,000 |
| Maintenance Backlog ..... | 5,000,000 |
| Subtotal, intermediate and depot level maintenance ..... | 823,793,000 |
| Port and maritime safety and security enhancements ..... | 23,500,000 |
| Aviation mission hour gap | 5,000,000 |
| Total, Operating Expenses ..... | 6,194,925,000 |

PORT AND MARITIME SAFETY AND SECURITY

A total of $23,500,000 is provided for port and maritime safety and security enhancements. This funding shall be used: for additional watchstanders, boats, and marine inspection staff; to conduct testing of Area Contingency Plans; to increase maritime casualty investigations; to increase armed boat escorts and security boardings; and to increase terminal inspections of Certain Dangerous Cargoes transport and delivery. The Coast Guard is directed to provide a plan no later than 60 days after the date of enactment of this Act on how this funding will be allocated. In addition, the Coast Guard is directed to comply with House report language regarding the Vessel Tracking System and the Ports and Waterways Safety System.

INCREASED OPERATIONAL HOURS FOR COASTAL PATROL BOATS

A total of $4,150,000 is provided to increase operational hours of the 87–foot patrol boats. The Coast Guard is directed to brief the Committees on the results of this effort six months after it is put into operation.

AVIATION MISSION HOUR GAP

A total of $5,000,000 is provided to help address the aviation mission hour gap. The Coast Guard is directed to provide a plan no later than 60 days after the date of enactment of this Act on how this funding will be allocated. In addition, the Coast Guard is directed to provide a report regarding maritime surveillance mission needs in the Air Station Borinquen area of responsibility.

MAGNET

The Coast Guard is directed not to begin operations of the Maritime Awareness Global Network (MAGNet) until the Commandant certifies that this system complies with all applicable laws and such certification is reviewed by the Inspector General.

MAINTENANCE BACKLOGS

Additional funding of $5,000,000 is provided to address the Coast Guard's substantial cutter, aircraft, and shore maintenance backlogs. The Coast Guard is directed to provide the legacy cutter maintenance cost analysis detailed in the House report.

TRAINING AND RECRUITING

The Coast Guard is directed to submit its Climate Management Plan to the Committees.

ENERGY SHORTFALLS

Due to increasing energy prices since the fiscal year 2009 budget was submitted, the Coast Guard has $90,562,000 in increased funding requirements for which no funding has been requested. This shortfall will have a considerable impact on Coast Guard operations and the Coast Guard has not been able to tell the Committees how it will deal with this impact. The Coast Guard is directed to update the Committees at regular intervals throughout the year on the impact of high energy costs on its ability to meet mission requirements and on the steps it has taken to minimize these impacts.

PERSONNEL

No funding is included for acquisition personnel within the OE appropriation. Bill language is included to allow the Coast Guard to transfer up to five percent of the OE appropriation to the Acquisition, Construction, and Improvements (AC&I) appropriation for personnel, compensation, and benefits with notice to the Committees within 10 days of the transfer. Similar bill language is included in the AC&I appropriation allowing these funds to be transferred back to the OE appropriation with a 30 day notification to the Committees. The Coast Guard is directed to reprogram funding needed to cover any unbudgeted costs of the military pay raise.

POLAR ICEBREAKERS

One of the Coast Guard's missions is to provide the United States with the capability to support national interests in the polar regions. In a report recently submitted, the Coast Guard stated that the United States will need a maritime surface and air presence in the Arctic sufficient to support prevention and response regimes as well as diplomatic objectives. However, no funding has been requested for the Coast Guard's aging icebreakers despite its inability to meet current and projected polar operations mission responsibilities. The Coast Guard is directed to follow House report direction regarding the polar icebreaking operating budget. The Coast Guard should work with the National Science Foundation in the coming year to renegotiate the existing polar icebreaking agreement in order to return the budget for operating and maintaining its polar icebreakers to the Coast Guard in fiscal year 2010. The AC&I appropriation includes $30,300,000 to reactivate the USCGC POLAR STAR for an additional 7–10 years of service life.

OPERATIONS SYSTEMS CENTER

The bill provides $3,600,000 for customized tenant improvements in conjunction with the Operations Systems Center expansion project, as detailed in the Senate report.

A–76

No funding is provided for the conduct of Coast Guard A–76 studies in fiscal year 2009.

BAY AREA LIGHTHOUSES

The Coast Guard is directed to comply with House report direction regarding the Bay Area lighthouses.

BERING SEA PATROLS

Within the OE appropriation, $7,600,000 is provided to crew and operate the USCGC ACUSHNET through the end of fiscal year 2009. The Pacific Area Commander expects to lose between 90 and 120 patrol days in fiscal year 2009 based on the President's budget proposal to decommission the vessel after two quarters of operation in fiscal year 2009. This will negatively impact the Coast Guard's ability to patrol the Bering Sea and Aleutian Islands. If the Coast Guard determines that continued operation of the USCGC ACUSHNET is not viable, the funds should be used to sustain patrol hours in the Bering Sea and Aleutian Islands which would be lost by its decommissioning and the Committees should be notified accordingly.

COAST GUARD YARD

The Commandant is directed to comply with Senate report direction regarding the Coast Guard Yard.

FINANCIAL MANAGEMENT WEAKNESSES

The bill requires the Commandant to submit, and the OIG to review, a financial management improvement plan. The Coast Guard must have a workable plan to achieve a clean audit and none currently exists today. The Coast Guard shall develop this plan in consultation with the Department's CFO.

WORKFORCE ACTION PLAN

The Coast Guard is directed to comply with Senate report direction regarding a workforce action plan.

MANAGEMENT AND TECHNOLOGY EFFICIENCIES

Within six months after the date of enactment of this Act, the Coast Guard is directed to report in detail on how the $68,117,000 total funding reduction requested due to management and technology efficiencies is being achieved.

QUARTERLY ACQUISITION AND MISSION EMPHASIS REPORTS

The Commandant is directed to continue to submit quarterly acquisition and mission emphasis reports. The acquisition report shall include information on small boat purchases and leases made with the OE appropriation.

ENVIRONMENTAL COMPLIANCE AND RESTORATION

The bill provides $13,000,000 to help address the current Environmental Compliance and Restoration backlog estimated at $109,700,000.

RESERVE TRAINING

The bill provides $130,501,000 for Reserve Training.

ACQUISITION, CONSTRUCTION, AND IMPROVEMENTS

The bill provides $1,494,576,000 for Acquisition, Construction, and Improvements, as follows:

| | |
|---|---|
| Vessels: | |
| Inland river tender recapitalization | $5,000,000 |
| Response boat medium | 108,000,000 |
| Subtotal, Vessels | 113,000,000 |
| Other Equipment: | |
| Automatic Identification System | 8,600,000 |
| Rescue 21 | 73,000,000 |
| High frequency recapitalization | 2,500,000 |
| Defense messaging system | 4,074,000 |
| Command 21 | 1,000,000 |
| Subtotal, Other Equipment | 89,174,000 |
| Shore Facilities and Aids to Navigation: | |
| Survey and design, shore operational & support projects | 2,050,000 |
| TISCOM–TSD Building | 2,500,000 |
| Air Station Cape Cod | 5,000,000 |
| Sector Delaware Bay | 13,000,000 |
| Cordova, Alaska housing | 11,600,000 |
| Renovate USCGA Chase Hall, phase II | 10,300,000 |
| Montauk Housing | 1,550,000 |
| Waterways aids to navigation | 4,000,000 |
| Rescue Swimmer Training Facility | 15,000,000 |
| Sector Buffalo | 3,000,000 |
| Subtotal, Shore Facilities and Aids to Navigation | 68,000,000 |
| Personnel and Related Support: | |
| Direct personnel costs | 92,330,000 |
| AC&I core | 500,000 |
| Subtotal, Personnel and Related Support | 92,830,000 |
| Integrated Deepwater System: | |
| Aircraft: | |
| Maritime patrol aircraft | 86,600,000 |
| HH–60 conversion projects | 52,700,000 |
| HC–130H conversion/sustainment projects | 24,500,000 |
| HH–65 conversion project | 64,500,000 |
| Unmanned aircraft systems | 3,000,000 |
| HC–130J fleet | 13,250,000 |
| Subtotal, Aircraft | 244,550,000 |
| Surface Ships: | |
| National security cutter | 353,700,000 |
| Replacement patrol boat (FRC–B) | 115,300,000 |
| IDS small boats | 2,400,000 |
| Patrol boats sustainment | 30,800,000 |
| Medium endurance cutter sustainment | 35,500,000 |
| Offshore patrol cutter | 3,003,000 |
| Polar icebreaker sustainment | 30,300,000 |
| Subtotal, Surface Ships | 571,003,000 |
| C4ISR | 88,100,000 |
| Technology obsolescence prevention | 1,500,000 |
| Logistics | 37,700,000 |
| System engineering and management | 33,141,000 |
| Government program management | 58,000,000 |
| Subtotal, Integrated Deepwater System | 1,033,994,000 |
| Coast Guard/DHS headquarters | 97,578,000 |
| Total, Acquisition, Construction, and Improvements | 1,494,576,000 |

RESPONSE BOAT-MEDIUM (RB–M)

Recent studies have identified the lack of response boats as an impediment to fully implementing the Coast Guard's mission requirements. A total of $108,000,000 is provided for RB–Ms in fiscal year 2009 to allow the Coast Guard to purchase 36 boats, 22 above the request.

DEEPWATER

The bill provides $1,033,994,000 for the Integrated Deepwater System Program (Deepwater). Of this amount, $350,000,000 is unavailable for obligation until the Committees receive and approve a plan for expenditure, in accordance with the specified legislative conditions. In submitting its mandated review of this expenditure plan to the Committees, GAO is directed to provide an overall evaluation of the plan's value to the Coast Guard's management of Deepwater, and a qualitative, descriptive assessment of the degree with which the Coast Guard has complied with each legislative requirement.

LONG RANGE SURVEILLANCE AIRCRAFT (HC–130J)

The bill provides $13,250,000 to missionize three HC–130Js. The Coast Guard is directed to provide its finalized HC–130J Remediation Plan to the Committees within 60 days after the date of enactment of this Act.

NATIONAL SECURITY CUTTER (NSC)

The bill provides $353,700,000, as requested, for the National Security Cutter (NSC). It is questionable whether this amount will be sufficient to purchase the fourth NSC, according to recent information provided by the Coast Guard. This is a concern since, in August 2007, the Coast Guard entered into a Consolidated Contract Action to resolve all outstanding cost overruns incurred by the NSC contractor due to economic and customer changes that have occurred over the past four years. No later than 30 days after the date of enactment of this Act, the Coast Guard is directed to provide the Committees with detailed information on all reasons why there may be nearly a 50 percent increase in the cost of this cutter and how it plans to manage this procurement within the dollars provided. To improve its management of this important program, the Coast Guard is directed to follow House report direction on the visibility of the contractor's earned value management system and Senate report direction regarding information assurance and critical decision points and dates.

REPLACEMENT PATROL BOAT/FRC–B

The bill provides $115,300,000, as requested, for limited production of the FRC–B. The Coast Guard is directed to take all steps necessary to control costs for this procurement, including conducting a formal design review to ensure that at least 90 percent of the design drawings are complete by the critical

design review stage. The projected award date for the FRC–B has been delayed until the first quarter of 2009. The Coast Guard is directed to provide quarterly briefings to the Committees on the status of this procurement, including critical decision points and dates, planned service life extensions of existing 110–foot patrol boats, and patrol boat operational metrics.

POLAR ICEBREAKERS

The bill provides $30,300,000 for the Coast Guard to reactivate the USCGC POLAR STAR.

DEEPWATER HUMAN CAPITAL

The Coast Guard is directed to brief the Committees within 60 days after the date of enactment of this Act on the results of its workforce forecasting process as detailed in the Senate report. The Coast Guard also is directed to address the three acquisition workforce challenges identified in the House report.

COAST GUARD ACADEMY PIER FOR USCGC EAGLE

The Coast Guard is directed to expeditiously address the needs of the USCGC EAGLE pier as directed in the Senate report.

ALTERATION OF BRIDGES

The bill provides $16,000,000 for Alteration of Bridges, with funding allocated as follows:

| | |
|---|---|
| Burlington Northern Railroad Bridge in Burlington, Iowa | $2,000,000 |
| Canadian Pacific Railway Bridge in La Crosse, Wisconsin | 2,000,000 |
| Chelsea Street Bridge in Chelsea, Massachusetts | 2,000,000 |
| Elgin, Joliet, and Eastern Railway Company Bridge in Morris, Illinois | 2,000,000 |
| Fourteen Mile Bridge in Mobile, Alabama | 4,000,000 |
| Galveston Causeway Bridge in Galveston, Texas | 4,000,000 |
| Total | $16,000,000 |

The Coast Guard is encouraged to begin construction of the Elgin, Joliet, and Eastern Railway Company Bridge as expeditiously as possible, as directed in the Senate report.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

The bill provides $18,000,000 for Research, Development, Test, and Evaluation. This includes $2,000,000 for the Coast Guard to work with entities conducting ballast water treatment system testing, such as the Great Ships Initiative, to test the efficacy of such systems and methods in both salt and fresh water, as detailed in the House report.

MEDICARE-ELIGIBLE RETIREE HEALTH CARE FUND CONTRIBUTION

GAO is directed to evaluate by June 2009 the process used to determine the amount charged to the Coast Guard for Medicare-eligible retiree health care and the relationship of this amount to the benefits received by Coast Guard retirees.

RETIRED PAY

The bill provides $1,236,745,000 for Retired Pay.

UNITED STATES SECRET SERVICE

SALARIES AND EXPENSES

The bill provides $1,408,729,000 for Salaries and Expenses, with funding to be allocated as follows:

| | |
|---|---|
| Headquarters Management and Administration | $182,104,000 |
| Protection: | |
| Protection of Persons and Facilities | 705,918,000 |
| Protective Intelligence Activities | 59,761,000 |
| National Special Security Event Fund | 1,000,000 |
| White House mail screening | 33,701,000 |
| Presidential candidate nominee protection | 41,082,000 |
| Subtotal, Protection | 841,462,000 |
| Investigations: | |
| Domestic Field Operations | 241,772,000 |
| International Field Office Administration and Operations | 30,000,000 |
| Electronic Crimes Special Agent Program and Electronic Crimes Task Forces | 51,836,000 |
| Support for missing and exploited children | 8,366,000 |
| Subtotal, Investigations | 331,974,000 |
| Training: | |
| *Rowley Training Center* | 53,189,000 |
| Total, U.S. Secret Service | $1,408,729,000 |

SECRET SERVICE INVESTIGATIONS

The bill provides $331,974,000 for Investigations, $5,658,000 more than requested. Of the increase, an additional $4,000,000 is for Secret Service cyber crime investigations, and an additional $1,658,000 is for International Field Operations.

POST PRESIDENTIAL DETAIL

The bill includes $4,500,000, as requested, for the President's post-Presidency protective detail. The bill does not include a requested general provision regarding six months of protection for the Vice President after leaving office. The Congress passed separate legislation authorizing this protection.

DISCONTINUED PROTECTIVE DETAILS

The bill reduces the Secret Service protective budget by $2,750,000 to account for protective activities the Secret Service no longer performs.

WHITE HOUSE FACILITIES

The bill includes $33,701,000 for White House mail screening, $3,000,000 less than requested. The facility to screen White House mail is under construction and will not be complete until well into the fiscal year. The reduction reflects that the Secret Service will not have to pay an entire year of rent for the new building.

The cost to replace locks at the White House should be paid by the General Services Administration, which maintains offices within the White House, or the National Park Service, which maintains the public and residential areas of the complex. However, if the Secret Service believes there is an urgent need to replace White House locks prior to February 1, 2009, it is directed to use funds it had budgeted for security of the White House complex for this purpose.

ACQUISITION, CONSTRUCTION, IMPROVEMENTS, AND RELATED EXPENSES

The bill provides $4,225,000 for Acquisition, Construction, Improvements and Related Expenses. Within this total, $250,000 is provided to fund inflationary cost increases and $250,000 is to fund a perimeter security and noise abatement study for the Rowley training facility.

TITLE III—PROTECTION, PREPAREDNESS, RESPONSE, AND RECOVERY

NATIONAL PROTECTION AND PROGRAMS DIRECTORATE

MANAGEMENT AND ADMINISTRATION

The bill includes $51,350,000 for Management and Administration of the National Protection and Programs Directorate (NPPD). Given high vacancy levels that have persisted at NPPD throughout fiscal year 2008, the request for additional staff is reduced by $1,500,000. No funding is provided to move the functions of the Office of Intergovernmental Programs from FEMA to NPPD, therefore, this function shall remain within FEMA.

INFRASTRUCTURE PROTECTION AND INFORMATION SECURITY

The bill includes $806,913,000 for Infrastructure Protection and Information Security (IPIS). Funding levels by budget activity are as follows:

| | |
|---|---|
| Infrastructure Protection: | |
| Identification and Evaluation | $80,603,000 |
| Coordination and Information Sharing | 62,367,000 |
| Mitigation Programs | 170,830,000 |
| National Cyber Security Division | 313,500,000 |
| National Security/Emergency Preparedness Telecom: | |
| Priority Telecommunications Services | 58,740,000 |
| Next Generation Networks | 50,250,000 |
| National Command and Coordination Capability | 5,963,000 |
| Programs to Study and Enhance Telecommunications | 15,100,000 |
| Critical Infrastructure Protection Programs | 11,260,000 |
| Office of Emergency Communications | 38,300,000 |
| Total, Infrastructure Protection and Information Security | 806,913,000 |

EXPENDITURE PLANS

Due to the inadequate level of detail provided in the budget justifications and other supporting materials, the bill restricts from obligation half of the funds appropriated for the National Cyber Security Initiative ($127,462,000) and the Next Generation Networks program ($25,125,000) until NPPD submits, and the Committees approve, expenditure plans for each of these programs. NPPD is directed to include in these plans the information discussed in the House report.

CHEMICAL FACILITY ANTI-TERRORISM STANDARDS AND AMMONIUM NITRATE REGULATION

The bill provides $73,000,000 for implementation of the Chemical Facility Anti-Terrorism Standards and $5,000,000 to implement ammonium nitrate regulations.

NATIONAL INFRASTRUCTURE PROTECTION PLAN MANAGEMENT (NIPP)

The bill provides $30,993,000 for NIPP management and related Critical Infrastructure and Key Resource partnerships.

VULNERABILITY ASSESSMENTS

The bill provides an increase of $6,000,000 above the request to accelerate the pace of critical infrastructure and key resource vulnerability assessments.

ETHANOL TRANSLOADING FACILITIES

NPPD is directed to report to the Committees on the results of a recent vulnerability assessment of an ethanol transloading facility in Virginia, as discussed in the House report.

BUSINESS COUNTERINTELLIGENCE

As discussed in the House report, NPPD is directed to review the Federal government's efforts to increase awareness of business counterintelligence and incorporate best practices into its NIPP management activities.

OFFICE OF BOMBING PREVENTION

The bill provides $11,000,000 for the Office of Bombing Prevention, of which $1,000,000 shall be for the purchase of the IED-Geospatial Analysis Tool Plus, as discussed in the House report.

PHILADELPHIA VIDEO SURVEILLANCE

As discussed in the House report, the bill provides $2,000,000 for NPPD to continue deployment of infrastructure monitoring and crime cameras in the city of Philadelphia.

UNDERGROUND CRITICAL INFRASTRUCTURE

The bill provides $3,000,000 for the Department to pilot methods for securing underground critical infrastructure, as discussed in the House report.

NATIONAL INFRASTRUCTURE SIMULATION AND ANALYSIS CENTER

As discussed in the Senate report, the bill provides $20,000,000 for the National Infrastructure Simulation and Analysis Center, which is led by Sandia and Los Alamos National Laboratories in New Mexico.

CYBER SECURITY

The bill provides $313,500,000 for activities of the NPPD National Cyber Security Division (NCSD), including $254,924,000 for the Department of Homeland Security's share of the Administration's National Cyber Security Initiative (NCSI). This funding includes the requested levels for the US Computer Emergency Response Team and the Cyber Security Information Sharing and Collaboration program. Additional details are contained in the classified annex accompanying this explanatory statement. NPPD is required to submit an expenditure plan providing more details on the purpose and goals of the NCSI and how proposed expenditures will meet them. NPPD is also directed to conduct a privacy impact assessment for its cyber security initiative and brief the Committees, as discussed in the Senate report.

PRIORITY TELECOMMUNICATIONS SERVICES/NEXT GENERATION NETWORKS

The bill provides $58,740,000 for the Priority Telecommunications Services program and $50,250,000 for the Next Generation Networks (NGN) program. NPPD is required in law to submit an expenditure plan detailing the purpose and goals of the NGN program.

NATIONAL COMMAND AND COORDINATION CAPABILITY

The bill provides $5,963,000 for the National Command and Coordination Capability (NCCC). NPPD is expected to conduct a comprehensive assessment of the extensive emergency communications investments made by the Federal government since the creation of DHS, and to identify clearly how NCCC will enhance the multiple existing communications systems that connect Federal officials with their State and local counterparts.

CYBER SECURITY TRAINING

The bill provides $3,500,000 for the continued development and implementation of the Community Cyber Security Maturity Model at the University of Texas at San Antonio, a training program designed to prepare State and local officials for responding to cyber attacks.

CONTROL SYSTEMS SECURITY

The bill provides $22,000,000 for the National Cyber Security Division's efforts to improve security of control systems, of which $4,000,000 is to establish a power and cyber system protection, analysis, and testing program at the Idaho National Laboratory, as discussed in the House report.

CLASSIFIED PRESIDENTIAL DIRECTIVES

As discussed in the Senate report, NPPD is strongly encouraged to re-examine policies on classification of Presidential Directives that purport to set government policy or provide critical information affecting State, local, and private sector officials. Given that many individuals not employed by the Federal government are not authorized to access classified documents, it seems problematic that important homeland security directives may not be available to the very people responsible for helping to implement them.

UNITED STATES VISITOR AND IMMIGRANT STATUS INDICATOR TECHNOLOGY

The bill includes $300,000,000 for United States Visitor Immigrant Status Indicator Technology (US–VISIT). Of this amount, $75,000,000 may not be obligated until the Committees receive an expenditure plan as specified in the House report, with the exception that neither GAO review nor Committee approval is required.

The bill provides that no funding shall be obligated for implementation of a final air exit solution until the Committees receive a report on air exit pilots, which shall be reviewed by GAO, and test at least two scenarios: (a) where airlines collect and transmit biometric exit data as proposed in the notice of proposed rulemaking (DHS–2008–0039, published on April 24, 2008) and (b) where CBP collects such information at departure gates.

Within the $300,000,000 appropriated, $20,000,000 is for identity management and screening services; $66,368,000 is for the Unique Identity program, and $25,327,000 is to move US–VISIT operations to a DHS data center, and establish a second disaster recovery site. The remaining $188,305,000 is available for operations and maintenance, program management, and development and implementation of biometric exit solutions.

EXPENDITURE PLAN

In developing its expenditure plan, DHS is directed to ensure that all required certifications address not only prior year program performance, systems, and processes, but also address the elements of the fiscal year 2009 program outlined in the plan as they relate to procurement, risk management, and human resource best practices. In addition, DHS is directed to include in the expenditure plan a schedule for the data center transfers and a description of funding required, as specified in the House report.

AIR EXIT PILOTS

DHS is directed to carry out the air exit pilots as outlined in the House report, with the exception that the pilots should be completed not later than January 31, 2009. There is no requirement for the report to be approved by the Committees. DHS is urged to work cooperatively with the airline industry to design and carry out air exit pilots as soon as possible.

2010 BUDGET SUBMISSION INFORMATION

DHS is directed to include with its fiscal year 2010 budget request, as specified in the House report, (1) a report on prospects for implementation of enumeration throughout DHS, and (2) a full description of the internal DHS governance process and steps US–VISIT and DHS have taken to define, manage and coordinate relationships between US–VISIT and other immigration and border management programs.

EXPENDITURE PLAN CERTIFICATIONS

The fiscal year 2008 US–VISIT expenditure plan submitted by the Department did not comply with requirements of the law; specifically, it failed to include required information in support of several certifications. Additionally, certifications seem to have been based in part on outdated assessments. DHS is directed to ensure that certifications submitted in support of future expenditure plans include all supporting documentation, and address current and prospective elements of the program.

US–VISIT MUST BECOME A CURRENT-YEAR PROGRAM

Repeated delays in submitting the legislatively required expenditure plans have resulted in US–VISIT becoming a forward-funded program. The fact that the fiscal year 2008 plan was not submitted until June 12, 2008, means that nearly a quarter of the program's budget will carry over into fiscal year 2009. This practice must stop. In prior years, Congress has approved virtually all the funding requested for the program. However, the reduction of $90,300,000 in this bill is a response to the delay in submitting the expenditure plans and the resulting unobligated balances. DHS is directed to submit expenditure plans on a timely basis in order to ensure that US–VISIT becomes an effective, current-year program.

OFFICE OF HEALTH AFFAIRS

The bill provides $157,191,000 for Office of Health Affairs (OHA). Of this amount $29,210,000 is for salaries and expenses. Funds for planning and coordination activities are available as detailed in the House report.

A total of $111,606,000 is provided for BioWatch. Concerns about the management of the BioWatch program, as detailed in the House report, include uncertainty about the relationship of generation 2.5 systems to generation 3.0 systems; a lack of clarity about how OHA measures the efficiency and effectiveness of the systems; and questions about how BioWatch should fit in with other surveillance efforts. In addition, it has become evident that, due to changes in performance standards and other factors, testing and deployment of the generation 3.0 systems could be delayed for as much as two years. The National Academy of Sciences (NAS) is currently evaluating the BioWatch program to assess its effectiveness and how it might fit in to an enhanced national public health surveillance system that now relies primarily on hospitals and the public health system. The results of the NAS evaluation are expected within a year, and OHA is expected to utilize those results in its BioWatch planning.

In light of the risks associated with biological threats and the ability to detect such threats in the most efficient manner, DHS must strike a careful balance between expediting the deployment of new technologies and ensuring that such technologies have been fully validated. In order to help strike that balance, a total of $34,498,000 is included for field testing systems beyond generation 2.0 that can be deployed within 12 months. Funding shall be competitively awarded. Field tests should be conducted in high risk urban areas, as determined by the Secretary, and should be initiated incrementally to ensure that lessons learned and performance data can inform decisions about future pilot deployments. Prior to commencing field testing, OHA shall work with the Science and Technology (S&T) Directorate to determine evaluation metrics. OHA is further directed to notify the Committees 15 days after deployment of any BioWatch device to a new location. OHA shall submit an expenditure plan on the BioWatch base program and an expenditure plan on the BioWatch field testing program within 60 days after the date of enactment of this Act. OHA shall notify the Committees within five days of any deviation from the expenditure plan.

Significant work must be done to better understand environmental exposures following disasters and to develop response protocols and technologies to mitigate health

effects. OHA is urged to continue its activities in this area and coordinate a Federal effort to apply exposure science to disaster response by working with other Federal agencies that have expertise related to environmental exposures, public health, and occupational safety.

FEDERAL EMERGENCY MANAGEMENT AGENCY

MANAGEMENT AND ADMINISTRATION

The bill provides $837,437,000 for FEMA Management and Administration. In addition, up to $105,600,000 may be transferred from the Disaster Relief fund for disaster support costs, including conversion of FEMA's temporary disaster employees to permanent status. The funding available for transfer is unavailable until the Committees receive and approve an implementation plan, as detailed in the House report. Of the amount provided, no less than $7,000,000 is for the Emergency Management Institute, no less than $6,000,000 is for the National Dam Safety Program and no more than $6,000,000 is for expiring leases of regional offices. Additionally, the Reserve Workforce Credentialing and Recruitment Plan shall be funded at no less than the amount requested in the budget.

The bill provides $6,342,000 for the Office of National Capital Region Coordination. The bill includes a provision requiring the inclusion of the Governors of the State of West Virginia and the Commonwealth of Pennsylvania in the National Capital Region decision-making and planning process for mass evacuation. The Department is directed to include officials from the counties and municipalities that contain the evacuation routes and their tributaries into the planning process.

MEASURING PREPAREDNESS

The bill provides $5,000,000 to accelerate efforts at FEMA to develop tools to measure the achievement and effectiveness of certain grant programs, including how grants increase the capability of States and local communities to respond to all-hazards. GAO is directed to evaluate these grants measurement tools and determine whether the tools are reasonable and effective in measuring how grants increase the preparedness level and capabilities of each grant recipient and reduce risk. FEMA is directed to create a task force and consult with State and local governments, as specified in the Senate report with regard to this effort.

NUCLEAR PREPAREDNESS

The bill provides $6,000,000 for a nuclear preparedness effort. To address the shortfall in nuclear preparedness efforts at the Department, Congress provided $5,500,000 to OHA in the U.S. Troop Readiness, Veterans' Care, Katrina Recovery, and Iraq Accountability Appropriations Act, 2007 (Public Law 110–28) to begin modeling the effects of a potential nuclear attack and planning ways to mitigate its effects, including direction to develop effective communications. FEMA is to build on this effort and work with State and local officials, and other relevant Federal agencies on planning efforts, and to continue to develop and test pre-event and post-event communication strategies. FEMA shall work with OHA and the Department of Health and Human Services on health aspects of a nuclear event.

MT. WEATHER CAPITAL IMPROVEMENTS

The bill provides the budget request for Mt. Weather capital improvements, an increase of $10,413,000 from fiscal year 2008. FEMA is directed to provide a comprehensive five-year capital improvement plan, as detailed in the House report, for Mt. Weather by April 6, 2009.

URBAN SEARCH AND RESCUE RESPONSE SYSTEM

The bill provides $32,500,000 for the Urban Search and Rescue Response System. FEMA is directed to provide a report on the feasibility of adding an additional team to the Urban Search and Rescue program, including a recommendation for the geographical location and associated cost estimate if it determines that adding a new team is feasible and warranted, as discussed in the House report.

EMERGENCY ALERT SYSTEM

The bill provides $35,000,000 for the modernization of the Emergency Alert System (EAS), including the conversion of EAS to digital capability. Up to $2,000,000 shall be used to validate Radio Broadcast Data System Technology as an effective means of notification of individuals during emergencies, to be competitively awarded. FEMA is directed to provide a plan to the Committees by January 2009 outlining the completion of the conversion to the Integrated Public Alert and Warning System as discussed in the House report.

READY CAMPAIGN

The bill provides no less than $2,500,000 for the READY campaign, which is transferred to FEMA from the Office of the Secretary and Executive Management. The program is to be combined with FEMA's ''Are You Ready?'' campaign.

DEVELOPING BEST PRACTICES

The bill provides $2,200,000 to develop and implement best practices of all-hazards preparedness and response specific to the unique geographical features and remoteness of the Pacific Area.

IMPACTS OF CLIMATE ON FUTURE DISASTERS

The bill provides $5,000,000 for the State of North Carolina to perform a risk assessment and mitigation strategy demonstration of the potential impacts of sea level rise in that State associated with long-term climate change, as discussed in the House report. FEMA is directed to use the study results to assess the long-term fiscal implications of climate change as it affects the frequency and impacts of natural disasters, and to disseminate information from the study to other states to inform their climate change mitigation efforts.

FLOOD CONTROL AND HAZARD MITIGATION DEMONSTRATION PROGRAM

The bill provides $2,425,000 to conduct demonstration flood control and hazard mitigation projects with interagency stakeholders, including FEMA, the U.S. Army Corps of Engineers, the U.S. Department of Agriculture, and State and local agencies, as discussed in the House report. Funds are provided to demonstrate a wide range of project solutions across FEMA's multiple disaster preparedness and mitigation programs, including: retrofitting and hardening of existing flood walls and levees; pump refurbishment; land acquisition; transportation infrastructure modifications; and other flood damage reduction projects within the Upper Cumberland and Big Sandy Watershed, Kentucky.

BUDGET SUBMISSIONS

The bill continues a provision directing FEMA to submit its fiscal year 2010 budget request by office. Each office and FEMA region shall provide: (1) budget detail by object classification; (2) the number of full-time equivalents on board; (3) the number of full-time equivalent vacancies; and (4) the appropriation account(s) used to support the office and the programs managed by the office.

FEMA is directed to notify the Committees within 15 days if any office receives or transfers more than 10 percent of the total amount allocated to each office. FEMA is expected, as part of the fiscal year 2010 budget request, to contain budget detail for the programs specified in the House report.

FIRST RESPONDER READINESS

FEMA is directed to submit a report, as specified in the House report, regarding the availability of training and an analysis of response capabilities of the U.S. territories. FEMA is directed to examine major training programs to determine the utility of additional sites for all-hazard first responder training and report to the Committees on its findings.

STAKEHOLDER INVOLVEMENT

The bill withholds $10,000,000 until the Secretary of Homeland Security, in coordination with the Administrator of FEMA, certifies and reports to the Committees that certain conditions have been met regarding the process to incorporate stakeholder input for grant guidance development and award distribution. Input from State Administrative Agencies, Regional Working Groups, Federal Preparedness Coordinators, the National Advisory Council, and other stakeholder groups shall be sought for this process, in accordance with the Senate report. A similar provision is included within the Office of the Secretary and Executive Management.

SPECIAL POPULATIONS

FEMA is directed to submit the report specified in the House report regarding Limited English Proficiency populations.

INFORMATION TECHNOLOGY

The bill provides the President's budget request for information technology improvements.

REGIONAL CAPABILITY

FEMA is not currently using its Federal Medical Contingency Station (FMCS) Type–1. However, FEMA Region IV and the states within that region have developed a plan for incorporating the FMCS Type–1 into a regional medical response system, in which the FMCS Type–1 would be assigned to a state in the region but be available for both regional and national medical response via the Emergency Management Assistance Compact. FEMA is directed to transfer FMCS Type–1 to Region IV for this purpose.

STATE AND LOCAL PROGRAMS

(INCLUDING TRANSFER OF FUNDS)

The bill provides $3,105,700,000 for State and Local Programs. Funding is allocated as follows:

| | |
|---|---|
| State Homeland Security Grant Program | $950,000,000 |
| Urban Area Security Initiative | 837,500,000 |
| Regional Catastrophic Preparedness Grants | 35,000,000 |
| Metropolitan Medical Response System | 41,000,000 |
| Citizen Corps Program | 15,000,000 |
| Public Transportation Security Assistance and Railroad Security Assistance | 400,000,000 |
| Port Security Grants | 400,000,000 |
| Over-the-Road Bus Security Grants | 12,000,000 |
| Trucking Industry Security Grants | 8,000,000 |
| Buffer Zone Protection Program Grants | 50,000,000 |
| Commercial Equipment Direct Assistance Program | 8,000,000 |
| Interoperable Emergency Communications Grant Program | 50,000,000 |
| Emergency Operations Centers | 35,000,000 |
| National Programs: | |
| Center for Domestic Preparedness | 62,500,000 |
| National Domestic Preparedness Consortium | 102,000,000 |
| Counterterrorism and Cyber Crime Center | 1,700,000 |
| National Exercise Program | 40,000,000 |

| | |
|---|---|
| Technical Assistance | 11,000,000 |
| Continuing Training Grants | 31,000,000 |
| Evaluations and Assessments | 16,000,000 |
| Subtotal, National Programs | 264,200,000 |
| Total, State and Local Programs | 3,105,700,000 |

The bill includes provisions (1) allowing the transfer of up to three percent of State and Local programs funding to FEMA's ''Management and Administration'' account, and requiring the submission of an expenditure plan within 60 days after the date of enactment of this Act on the use of those administrative funds; (2) designating certain timeframes for grant processing; (3) requiring grantees to provide reports as determined necessary by the Secretary; (4) requiring GAO to report, not later than 45 days after the date of enactment of this Act, on the data, assumptions, and methodology that DHS uses to assess risk and allocate Urban Areas Security Initiative (UASI) and State Homeland Security Grant Program (SHSGP) funds; and (5) providing that the installation of communications towers is not considered construction of a building or other physical facility under the SHSGP and UASI program.

FEMA is directed, in conjunction with OHA, to report to the Committees regarding the current state of disaster preparedness capabilities of emergency medical services, as discussed in the House report. FEMA is encouraged to require State and local governments to include Chief Information Officers in planning efforts, as discussed in the Senate report. Further, FEMA is encouraged to consider the need for mass evacuation planning and pre-positioning of equipment for areas potentially impacted by mass evacuations in allocating first responder funds.

GRANTS MANAGEMENT AND COORDINATION

FEMA is expected to continue to fully engage agencies with subject matter expertise within the Department, when appropriate, in the development of grant guidance and the determination of awards. Such agencies include the Coast Guard, TSA, NPPD, OHA, S&T, the Law Enforcement Advisor to the Administrator, the Office of Emergency Communications, and the DHS Office of State and Local Law Enforcement.

FEMA is directed to assume all coordination functions of grant programs for the Department and be the primary point of contact for all grantees.

COMPLYING WITH THE 9/11 ACT

FEMA is directed to comply with the requirements of the 9/11 Act, as discussed in the House report including ensuring that current and future grantees are aware of and comply with the law, and removing the time limitation for intelligence analysts.

CRITICAL EMERGENCY SUPPLIES

FEMA is directed to allow grant recipients to allocate a reasonable portion of grant funds, as determined by FEMA, for critical emergency provisions such as shelf stable food products, water, and basic medical supplies. FEMA should award funding for this purpose only after certifying that grant applicants have a viable inventory management plan, an effective distribution strategy, sustainment costs for such an effort, and logistics expertise to avoid situations where funds are wasted because supplies are rendered ineffective due to lack of planning. FEMA shall report to the Committees on lessons learned and best practices regarding this newly allowable expense, including how critical supplies and the distribution of them can be coordinated among Federal, State, and local entities for the most efficient and effective response.

STATE HOMELAND SECURITY GRANT PROGRAM

The bill provides $950,000,000 for the SHSGP. The bill includes a provision directing that the Commonwealth of Puerto Rico shall be considered a State in the allocation of grant funds to local and tribal governments. In accordance with the 9/11 Act, at least 25 percent of SHSGP and UASI funds shall be used for Law Enforcement Terrorism Prevention (LETPP) activities. FEMA is directed to provide clear guidance to States and urban areas to ensure that the intent of LETPP is fully realized and the program is fully maximized.

Included in the amount provided is $60,000,000 for Operation Stonegarden. All awards shall be made on a competitive basis to tribal governments and units of local government, including towns, cities, and counties along the border of the U.S. to enhance the coordination between local and Federal law enforcement agencies. Eligible costs for Operation Stonegarden are as described in the House report. Only CBP and FEMA shall make award decisions. No administrative costs shall be deducted by States.

URBAN AREA SECURITY INITIATIVE

The bill provides $837,500,000 for UASI grants. Within this funding, $15,000,000 is provided for grants to non-profit organizations determined by the Secretary to be at high risk of terrorist attack.

REGIONAL CATASTROPHIC PREPAREDNESS GRANT PROGRAM

The bill provides $35,000,000 for the Regional Catastrophic Preparedness Grant Program. FEMA is directed to award funding as directed in the Senate report.

METROPOLITAN MEDICAL RESPONSE SYSTEM

The bill provides $41,000,000 for the Metropolitan Medical Response System.

PUBLIC TRANSPORTATION SECURITY ASSISTANCE AND RAILROAD SECURITY ASSISTANCE

The bill provides $400,000,000 for Public Transportation Security Assistance and Railroad Security Assistance. Of this amount $25,000,000 is provided for Amtrak security needs. The bill includes a provision directing the Department to make grants directly to public transportation agencies. FEMA is directed to notify the states of the grantees at the time of the award to promote state-wide collaboration. The bill also prohibits the Department from requiring a cost share for fiscal year 2008 and fiscal year 2009 funds.

PORT SECURITY GRANTS

The bill provides $400,000,000 for Port Security grants. The Coast Guard shall make all final grant recommendations for Port Security grants.

TRUCKING INDUSTRY SECURITY GRANTS

The bill provides $8,000,000 for Trucking Industry Security Grants, to be competitively awarded, for an anti-terrorism and security awareness program for highway professionals and for an academic evaluation of the effectiveness of the program. FEMA is directed to submit an expenditure plan for the Trucking Industry Security Grant Program to the Committees prior to the obligation of funds.

BUFFER ZONE PROTECTION PROGRAM GRANTS

The bill provides $50,000,000 for the Buffer Zone Protection Program.

COMMERCIAL EQUIPMENT DIRECT ASSISTANCE PROGRAM

The bill provides $8,000,000 for the Commercial Equipment Direct Assistance Program.

INTEROPERABILITY EMERGENCY COMMUNICATIONS GRANTS

The bill provides $50,000,000 for Interoperability Emergency Communications Grants. In fiscal year 2008, FEMA placed priority on leadership and governance, common planning and operational protocols, and skills and capabilities, and the Committees agree with that priority. States and localities should be given flexibility to purchase equipment only if they have made progress in these other areas. Accordingly, the Department is directed to allow such States and local governments to use grant funds to purchase equipment pursuant to requirements in the 9/11 Act.

FEMA regional offices are directed to assist in regional integration of State communications plans.

EMERGENCY OPERATIONS CENTERS

The bill provides $35,000,000 for Emergency Operations Centers. Funding is provided for equipping, upgrading, and constructing EOCs pursuant to section 614 of the Stafford Act. This funding is in addition to funding States and locals may use from other Homeland Security grants for the same purpose. Of the amount provided, $13,355,000 is available for a competitive program. The remaining funding is provided for the following Emergency Operations Center projects in the following amounts:

| | |
|---|---|
| Tensas Parish Police Jury, LA | $750,000 |
| City of Rialto, CA | 225,000 |
| Village of Poynette, WI | 1,000,000 |
| Sebastian County, AR | 750,000 |
| Lake County, FL | 1,000,000 |
| Sarasota County, FL | 1,000,000 |
| Northumberland County, Department of Public Safety, PA | 1,000,000 |
| City of Detroit, MI | 1,000,000 |
| San Diego Unified School District, San Diego, CA | 400,000 |
| City of Half Moon Bay, CA | 750,000 |
| Chesterfield County, VA | 250,000 |
| Spencer County Commissioners, Rockport, IN | 1,000,000 |
| City of Gladstone, OR | 60,000 |
| City of Coral Springs, FL | 550,000 |
| Snohomish County, WA | 1,000,000 |
| County of Atlantic, NJ | 750,000 |
| City of Rio Vista, CA | 150,000 |
| American Red Cross, Sacramento Sierra Chapter, CA | 35,000 |
| Village of Bellerose, NY | 200,000 |
| Town of Pomona Park, FL | 300,000 |
| San Francisco Police Department, CA | 1,000,000 |
| North Carolina Department of Crime Control and Public Safety, NC | 1,000,000 |
| City of Del Rio, TX | 500,000 |
| City of Bell Gardens, CA | 175,000 |
| City of Cudahy, CA | 50,000 |
| The County of Cook, IL | 1,000,000 |
| Douglas County, GA | 500,000 |
| City of Richmond, Office of Emergency Management, VA | 750,000 |
| Hudson County, NJ | 1,000,000 |
| Marion County, FL | 750,000 |
| City of Miami Beach, FL | 1,000,000 |
| Vermont Emergency Management Agency, VT | 1,000,000 |
| Crittenden County, KY | 750,000 |

CENTER FOR DOMESTIC PREPAREDNESS

The bill provides $57,000,000 to continue activities for the Center for Domestic Preparedness and $5,500,000 to continue activities for the Noble Training Center.

NATIONAL DOMESTIC PREPAREDNESS CONSORTIUM

The bill provides $102,000,000 for the National Domestic Preparedness Consortium. Of the total amount available, $23,000,000 is for the National Energetic Materials Research and Testing Center, New Mexico Institute of Mining and Technology; $23,000,000

is for the National Center for Biomedical Research and Training, Louisiana State University; $23,000,000 is for the National Emergency Response and Rescue Training Center, Texas A&M University; $23,000,000 is for the National Exercise, Test, and Training Center, Nevada Test Site; $5,000,000 is for the Transportation Technology Center, Incorporated, in Pueblo, Colorado; and $5,000,000 is for the National Disaster Preparedness Training Center, University of Hawaii, Honolulu, Hawaii.

COUNTERTERRORISM AND CYBER CRIME CENTER

The bill provides $1,700,000 for the Counterterrorism and Cyber Crime Center, as directed in the Senate report.

CONTINUING TRAINING GRANTS

The bill provides $31,000,000 for continuing training grants and supports programs which consistently deliver homeland security curricula in the form of executive education programs and accredited Masters Degree education. Full funding is recommended for the graduate-level homeland security education programs the Department currently supports, and the Department is encouraged to leverage these existing programs to meet the growing need for graduate-level education.

NATIONAL EXERCISE PROGRAM

The bill provides $40,000,000 for the national exercise program. The Department is directed to report to the Committees as discussed in the House report.

TECHNICAL ASSISTANCE

The bill provides $11,000,000 for technical assistance, which provides direct assistance to State, regional, local, and tribal jurisdictions to enhance their capabilities to prevent, protect against, respond to, and recover from major events, and to improve homeland security program management.

EVALUATIONS AND ASSESSMENTS

The bill provides $16,000,000 for Evaluations and Assessments.

RURAL DOMESTIC PREPAREDNESS CONSORTIUM

The Rural Domestic Preparedness Consortium (RDPC) continues to make progress in meeting its mission to provide training and technical assistance to rural jurisdictions. In recent testimony, FEMA's Deputy Administrator for National Preparedness, stated, ''A unique aspect of the RDPC is that it addresses preparedness activities for a broad scope of stakeholders within rural jurisdictions''. The Committees recognize the consortium has sufficient funds for continued operations in fiscal year 2009.

FIREFIGHTER ASSISTANCE GRANTS

The bill provides $775,000,000 for firefighter assistance, including $565,000,000 for firefighter assistance grants, and $210,000,000 for firefighter staffing grants, to remain available until September 30, 2010.

FEMA is directed to continue the present practice of funding applications according to local priorities and those established by the United States Fire Administration, and to make $3,000,000 available for implementation of section 205(c) of Public Law 108–169. FEMA is further directed to encourage applications from multiple fire departments and not restrict the lead applicant from submitting a separate application, as discussed in the House report.

The bill includes a provision allowing up to five percent of grant funds to be used for program administration, and requiring an expenditure plan to be submitted within 60 days after the date of enactment of this Act that details the use of funds.

EMERGENCY MANAGEMENT PERFORMANCE GRANTS

The bill provides $315,000,000 for Emergency Management Performance Grants.

RADIOLOGICAL EMERGENCY PREPAREDNESS PROGRAM

The bill provides for the receipt and expenditure of fees collected, as authorized by Public Law 105–276.

UNITED STATES FIRE ADMINISTRATION

The bill provides $44,979,000 for the United States Fire Administration (USFA). Of the amount provided, $500,000 is to address deferred maintenance needs on the USFA campus. FEMA is directed to submit a facilities master plan, as detailed in the Senate report. Of the amount provided, $1,179,000 is provided for the implementation of the National Fire Incident Report System.

DISASTER RELIEF

(INCLUDING TRANSFER OF FUNDS)

The bill provides $1,400,000,000 for Disaster Relief, and allows the transfer of $105,600,000 to FEMA's ''Management and Administration'' account for disaster support costs, including FEMA's effort to convert temporary disaster employees to permanent status. In addition, the bill allows the transfer of $16,000,000 to OIG for audits and investigations of disasters.

The bill continues the requirement for a monthly report and adds a requirement that the report include the amount provided to each Federal agency for mission assignments. The bill does not specify an amount for disaster readiness and support costs, although it is an allowable expense, but does require FEMA to submit an expenditure plan to the Committees detailing the use of funds for disaster readiness and support costs within 60 days after the date of enactment of this Act. FEMA shall provide a quarterly report detailing obligations against the expenditure plan and a justification for any changes in spending.

FEMA is directed to maintain the Florida long-term recovery office as long as there is sufficient work to be done following the 2004 and 2005 hurricanes that struck the State. FEMA shall notify the Committees, as detailed in the House and Senate reports.

DISASTER ASSISTANCE DIRECT LOAN PROGRAM ACCOUNT

The bill provides $295,000 for the cost of loans. Administrative costs are provided for in the FEMA ''Management and Administration'' account.

FLOOD MAP MODERNIZATION FUND

The bill provides $220,000,000 for the Flood Map Modernization Fund. FEMA is expected to focus on updating, reviewing, and maintaining maps that have already been modernized to ensure that flood maps remain current to accurately reflect flood hazards. The goal shall be to review and, as necessary, update maps that are three years past their modernized dates, and to complete necessary updates no later than five years past their modernized dates to ensure maps are accurately maintained. To support this goal and to leverage the use of Federal resources for this activity, FEMA is directed that no less than 20 percent of the funds provided under this heading be made available for map maintenance conducted by Cooperating Technical Partners that provide a 25 percent cash match and have a strong record of working effectively with FEMA on floodplain mapping activities. Concurrent with the fiscal year 2010 budget submission, FEMA shall submit to the Committees on Appropriations a five-year National Flood Map Maintenance Plan for fiscal years 2010–2014.

FEMA is encouraged to prioritize as criteria the number of stream and coastal miles within the state, the Mississippi River Delta region, and the participation of the state in leveraging non-federal contributions.

NATIONAL FLOOD INSURANCE FUND

The bill provides up to $49,418,000 for salaries and expenses to administer the National Flood Insurance Fund; up to $80,000,000 for the severe repetitive loss property mitigation program under section 1361A of the National Flood Insurance Act; $10,000,000 for the repetitive insurance claims properties under section 1323 of the National Flood Insurance Act; and $35,700,000 for Flood Mitigation Assistance under section 1366 of the National Flood Insurance Act. No less than $107,181,000 is available for flood plain management and flood mapping. Funds are available until September 30, 2010, and funding is offset by premium collections.

NATIONAL PREDISASTER MITIGATION FUND

The bill provides $90,000,000 for the National Predisaster Mitigation Fund. The following predisaster mitigation projects are provided in the following amounts:

| | |
|---|---|
| City of Rainbow City, AL | $1,000,000 |
| Municipality of Murrysville, PA | 100,000 |
| Bibb County, Emergency Management Agency, AL | 750,000 |
| City of Wynne, AR | 50,000 |
| City of San Diego, CA | 1,000,000 |
| Pinellas County, FL | 1,000,000 |
| Brigham City (Corporation), UT | 650,000 |
| City of Coolidge, GA | 80,000 |
| Drywood Township, Garland, KS | 35,000 |
| City of Merced, CA | 500,000 |
| City of Newark, DE | 300,000 |
| Adjutant General's Office of Emergency Preparedness, SC | 1,000,000 |
| Alabama Department of Homeland Security, for Jackson County, AL | 90,000 |
| Harris County Flood Control District, TX | 1,000,000 |
| Tarrant County, TX | 1,000,000 |
| City of Chula Vista, CA | 400,000 |
| North West, MO Regional Council of Governments | 300,000 |
| Florida Atlantic University, Boca Raton, FL | 300,000 |
| City of Kannapolis, NC | 468,000 |
| Town of Conklin, NY | 330,000 |
| County of Hawaii, Civil Defense Agency, HI | 400,000 |
| City of Berlin, Public Health Department, NH | 100,000 |
| City of Trenton, NJ | 500,000 |
| Santa Clara Water Valley District, San Jose, CA | 790,000 |
| City of Houston, TX | 200,000 |
| West Jefferson Medical Center, Marrero, LA | 400,000 |
| Erie County, Sandusky, OH | 399,000 |
| Wayne County, Detroit, MI | 300,000 |
| New York State Emergency Management Office, NY | 1,000,000 |
| City of Berkeley, CA | 750,000 |
| City of Taylorsville, KY | 750,000 |
| Westchester and Rockland Counties, NY | 500,000 |
| Town of Lake Placid, FL | 500,000 |
| Tifton-Tift County Emergency Management Agency (EMA), GA | 40,000 |
| Town of Pembroke Park, FL | 400,000 |
| City of Miami, FL | 1,000,000 |
| City of Mission Viejo, CA | 850,000 |
| Yardley Borough, PA | 500,000 |
| Clark County Emergency Management, WI | 300,000 |
| County of Essex, NJ | 500,000 |
| Val Verde County, Del Rio, TX | 500,000 |
| County of Los Angeles, CA | 600,000 |
| City of Los Angeles, CA | 500,000 |

| | |
|---|---|
| City of New Braunfels, TX | 360,000 |
| Brown Township Board of Trustees, Malvern, OH | 247,728 |
| City of Barberton, OH | 200,000 |
| Mississippi Homeland Security Office, MS | 500,000 |
| Town of North Andover, MA | 100,000 |
| Cities of Lake Station and Hobart, IN | 500,000 |
| City of Owatonna, MN | 400,000 |
| Putnam County, FL | 450,000 |
| City of Lake City, TN | 418,000 |

EMERGENCY FOOD AND SHELTER

The bill provides $200,000,000 for Emergency Food and Shelter.

CERRO GRANDE FIRE CLAIMS

(RESCISSION OF FUNDS)

The bill rescinds $9,000,000, as requested.

TITLE IV—RESEARCH AND DEVELOPMENT, TRAINING, AND SERVICES

UNITED STATES CITIZENSHIP AND IMMIGRATION SERVICES

The bill includes $101,740,000 for United States Citizenship and Immigration Services (USCIS). The bill funds REAL-ID hub development within Title V.

E-VERIFY

The bill provides the requested $100,000,000 for the E-Verify program (previously called Employment Eligibility Verification or Basic Pilot).

USER FEE FUNDED PROGRAMS

Current estimates of fee collections, which constitute the majority of USCIS resources, are $2,539,186,000. These revenues support adjudication of applications for immigration benefits and fraud prevention activities, and are derived from fees collected from persons applying for immigration benefits. Within the total fees collected, USCIS is directed to provide no less than $53,747,000 to support Customer Service Center operations, and to dedicate the entirety of premium processing revenue to business system and information technology transformation. USCIS is directed to provide up to $28,000,000 for converting immigration records to digital format as planned for fiscal year 2009. No more than $10,000 of the fees collected shall be used for official reception and representation expenses.

FBI NAME CHECK BACKLOG

USCIS and the FBI have made significant progress reducing the backlog of immigration applications awaiting FBI background checks. However, as discussed in the Senate report, it is imperative that both agencies remain vigilant to prevent the return of backlogs in the future. DHS is directed to advise the Committees of any resource requirements necessary to avoid the development of new backlogs.

CITIZENSHIP EDUCATION GRANTS

The bill includes $1,200,000 for competitively-awarded grants to organizations promoting the rights and responsibilities of citizenship, as discussed in the House report.

NATURALIZATION CEREMONIES

USCIS is directed to identify, in the fiscal year 2010 budget submission, funds allocated to naturalization and oath of allegiance ceremonies and to work with local public and private groups to schedule naturalization and oath of allegiance ceremonies as part of Independence Day celebrations, as directed in the House report.

FEDERAL LAW ENFORCEMENT TRAINING CENTER

SALARIES AND EXPENSES

The bill provides $246,530,000 for Federal Law Enforcement Training Center (FLETC) Salaries and Expenses. Funding above the President's request shall be allocated as follows: $2,000,000 for leveraging Department of Defense modeling and simulation technologies; $2,200,000 for instructors for United States Capitol Police training needs; $5,640,000 for basic training for additional hiring in CBP and ICE; and $4,000,000 to implement the Rural Policing Institute as authorized by the 9/11 Act. Additionally, the Committees support the Federal Law Enforcement Training Center naming the FLETC, Artesia campus.

WASHINGTON OFFICE

The bill does not eliminate $730,000 in funding for the Washington, DC office.

ACCREDITATION

The bill requires the Federal Law Enforcement Training Accreditation Board (FLETA) to develop standards that require agencies seeking accreditation of their basic or entry level law enforcement training programs to include comprehensive training on ethics and integrity. The FLETA Board is directed to submit a report to the Committees no later than December 1, 2008, on the implementation of this directive.

RURAL POLICING INSTITUTE

FLETC is directed to provide a business plan to the Committees within 90 days after the date of enactment of this Act as detailed in the Senate report.

ACQUISITIONS, CONSTRUCTION, IMPROVEMENTS, AND RELATED EXPENSES

The bill provides $86,456,000 for Acquisitions, Construction, Improvements, and Related Expenses. Within this total, $40,000,000 is provided to construct a replacement dormitory on the FLETC Charleston campus and $3,000,000 is provided to complete construction of training-related facilities at Artesia, New Mexico.

SCIENCE AND TECHNOLOGY

MANAGEMENT AND ADMINISTRATION

The bill provides $132,100,000 for Management and Administration. This amount includes $10,000 for official reception and representation. S&T shall notify the Committees pursuant to section 503 of this Act if they assess any program for administrative costs exceeding 5 percent of the total program appropriation.

RESEARCH, DEVELOPMENT, ACQUISITION, AND OPERATIONS

The bill provides $800,487,000 for Research, Development, Acquisition, and Operations. The following table specifies funding by budget activity:

| | |
|---|---|
| Border and Maritime Security | $33,050,000 |
| Chemical and Biological | 200,408,000 |
| Command, Control, and Interoperability | 74,890,000 |
| Explosives | 96,149,000 |
| uman Factors | 12,460,000 |
| Infrastructure and Geophysical | 75,816,000 |
| Innovation | 33,000,000 |
| Laboratory Facilities | 161,940,000 |
| Test and Evaluations/Standards | 28,674,000 |
| Transition | 28,830,000 |
| University Programs | 50,270,000 |
| Homeland Security Institute | 5,000,000 |
| Total | 800,487,000 |

BORDER AND MARITIME SECURITY

The bill provides $33,050,000 for Border and Maritime Security, including $2,750,000 for maritime activities. S&T shall brief the Committees on how these funds will be allocated.

COMMAND, CONTROL, AND INTEROPERABILITY

The bill provides $74,890,000 for Command, Control, and Interoperability. Within this total, not less than $3,000,000 is to continue the Distributed Environment for Critical Infrastructure Decisionmaking Exercises and $9,500,000 is for cyber security activities above those included in the budget request. S&T shall brief the Committees on how it will allocate the additional cyber security funds.

INFRASTRUCTURE AND GEOPHYSICAL

The bill provides $75,816,000 for Infrastructure and Geophysical. Within the funding provided, $27,000,000 is to continue the Southeast Region Research Initiative and $11,000,000 is for the National Institute for Hometown Security to support community-based critical infrastructure protection solutions.

INNOVATION

The bill provides $33,000,000 for Innovation. Funding has been reduced from the budget request for two reasons. First, the OIG has raised concerns about how projects were selected and managed under this program. Second, it has taken S&T nine months to inform the Committees on how it will spend the funding provided in fiscal year 2008. Consistent with last year, S&T is directed to provide an expenditure plan to the Committees for the fiscal year 2009 appropriation on a project-by-project basis.

NEW TECHNOLOGIES

New technologies may significantly help the Department as it seeks to secure our homeland. The Department is encouraged to develop a variety of technologies as discussed in both the House and Senate reports.

LABORATORY FACILITIES

The bill provides $161,940,000 for Laboratory Facilities. Within the total, $25,000,000 is provided for construction obligations at the Physical Science Facility and refurbishment of building 325 at Pacific Northwest National Laboratory in support of the memorandum of understanding between DHS, the Department of Energy and the National Nuclear Security Administration.

The bill includes a provision requiring a GAO review of the Department's National Bio and Agro-defense Facility risk assessment prior to the obligation of construction funding.

TEST AND EVALUATIONS/STANDARDS

The bill provides $28,674,000 for Test and Evaluations/Standards. Within the funds provided, $5,000,000 shall be to develop an operational test and evaluation program for first responder technologies so that there is a unified effort to objectively evaluate products against minimum requirements as discussed in the House report.

TRANSITION

The bill provides $28,830,000 for Transition. Within the funds provided, $2,000,000 shall be used to establish a pilot program to identify, research, develop, and transition advanced technologies and manufacturing processes in the homeland security industrial base. Funding for the Homeland Security Institute is not included in this appropriation as the Committees prefer this activity to remain a separate PPA for budgetary transparency.

TECHNOLOGIES TO SECURE THE HOMELAND AND ADVANCE RESPONDER EFFECTIVENESS (TECH SHARE)

The bill fully funds the budget request of $9,500,000 for the Tech SHARE program. This program provides funds to ensure continuous operation of the centralized technology clearinghouse for the dissemination of homeland security science and technology to Federal, State, local and tribal agencies, a critical component of implementing Section 313 of the Homeland Security Act.

UNIVERSITY PROGRAMS

The bill provides $50,270,000 for University Programs. Within this funding, $36,720,000 is

for the Centers of Excellence and $2,000,000 is to support the ongoing Memorandum of Agreement with the Naval Postgraduate School. S&T is directed to report to the Committees on how these additional funds will be allocated to the Centers of Excellence by December 15, 2008. As part of this report, S&T should discuss the process used for identifying specific areas of focus for the Centers of Excellence as well as provide a state-by-state breakdown of institutions participating in each of the centers.

UNOBLIGATED BALANCES

For the past few years, S&T has had high unexpended obligations in its Research, Development, Acquisition, and Operations account. S&T has made efforts to reduce these balances and has initiated a quarterly review to identify unused funds for work that has not yet been completed. S&T is directed to brief the Committees on the results of its quarterly validation and verification reviews and the amounts available to deobligate, and to identify how S&T plans to use these funds. The first quarterly brief should occur after the close of the first quarter of fiscal year 2009 and should include appropriate documentation on the unobligated balances. In addition, S&T should submit, as part of its fiscal year 2010 budget justification, a report on its unexpended obligated balances and justify instances where high balances occur.

DOMESTIC NUCLEAR DETECTION OFFICE

MANAGEMENT AND ADMINISTRATION

The bill provides $37,500,000 for Management and Administration. No funding has been appropriated for new positions as nearly 20 percent of previously approved positions remain vacant. These vacancies include positions of critical importance, such as the budget officer and technical specialists.

RESEARCH, DEVELOPMENT, AND OPERATIONS

The bill provides $323,200,000 for Research, Development, and Operations. The following table specifies funding by budget activity:

| | |
|---|---|
| Systems Engineering and Architecture | $25,147,000 |
| Systems Development | 108,100,000 |
| Transformational Research and Development | 103,300,000 |
| Assessments | 32,000,000 |
| Operations Support | 37,753,000 |
| National Technical Nuclear Forensics Center | 16,900,000 |
| Total | 323,200,000 |

TRANSFORMATIONAL RESEARCH AND DEVELOPMENT

The bill provides $103,300,000 for Transformational Research and Development. This funding level supports critical ongoing initiatives such as standoff detection and intelligent personal radiation locators but reduces funding for new initiatives. The Domestic Nuclear Detection Office (DNDO) should undertake aggressive efforts within transformational research and development to fund and analyze technologies that can detect shielded highly-enriched uranium.

NATIONAL TECHNICAL NUCLEAR FORENSICS CENTER

The bill provides $16,900,000 for the National Technical Nuclear Forensics Center. Within this total, $1,000,000 has been provided for the new fellowship program. This program is funded at an introductory scale and should grow based on performance and participation. As discussed in the Senate report, DNDO shall submit a report on the National Technical Nuclear Forensics Center, its quality assurance program, the results of the National Academy of Sciences study, and steps the Center is taking to implement these recommendations.

SECURING THE CITIES

The bill provides $30,000,000 for the Securing the Cities pilot, including $10,000,000 in Research, Development and Operations and $20,000,000 in Systems Acquisition.

ON-DOCK RAIL APPLICATIONS

The bill includes $15,000,000 as requested to develop on-dock rail applications. DNDO, in conjunction with CBP, is encouraged to continue the development, engineering, and testing for both straddle carriers and crane-mounted sensors and portals that can be used in rail and ship yards.

QUARTERLY BRIEFINGS ON NEW TECHNOLOGIES PILOTS AND ASSESSMENTS

DNDO shall prioritize its development and deployment of detection equipment based on risk, and as appropriate focus on other cargo and passenger pathways into the country, such as bulk rail, general aviation, small pleasure craft, or other routes it deems the highest risk. As previously required, DNDO shall continue to provide quarterly briefings on new technologies pilots and assessments it is conducting to reduce vulnerabilities at airports, from general aviation aircraft, in the maritime environment, in rail yards, and at non-ports of entry land border crossings.

CARGO ADVANCED AUTOMATED RADIOGRAPHY SYSTEM

DNDO shall submit a report on the cargo advanced automated radiography system that discusses the Office's progress in developing this system and an explanation of the process used to solicit requests from all eligible applicants, including minority, women, and veteran-owned businesses, as discussed in the House report.

NUCLEAR THREAT AND RESOURCE ALLOCATION

Funds are provided within FEMA to study the effects of a potential nuclear attack and begin planning ways to mitigate its effects. Funds are not provided for an independent study for mitigation measures.

SYSTEMS ACQUISITION

The bill provides $153,491,000 for Systems Acquisition. The following table specifies funding by budget activity:

| | |
|---|---|
| Radiation Portal Monitor Program | $120,491,000 |
| Securing the Cities | 20,000,000 |
| Human Portable Radiation Detection Systems Program | 13,000,000 |
| Total | 153,491,000 |

RADIATION PORTAL MONITOR PROGRAM

The bill provides $120,491,000 for the Radiation Portal Monitor Program. Within this appropriation, full funding has been provided for DNDO's effort to procure and deploy additional polyvinyl toluene (PVT) based fixed radiation portal monitors to seaports and land borders and to deploy PVT units in the air cargo environment. A reduction has been made to the advanced spectroscopic portal (ASP) monitor program due to further delays in the development of these technologies. The bill includes a prohibition on full scale procurement of ASP monitors until the Secretary has certified and reported to the Committees that a significant increase in operational effectiveness merits such a decision. If the Secretary is unable to certify that ASP monitors are more effective than the current PVT monitors, then DNDO should use its fiscal year 2009 funding to acquire traditional PVT radiation portal monitors. The bill also requires separate and distinct certifications for primary and secondary deployments in recognition of the inherently unique operational requirements each presents. The bill prohibits high-risk concurrent development and production of mutually dependent software and hardware components of detection systems. This restriction is included to address the acquisition and fiscal risks associated with such concurrency and in response to the testing difficulties DNDO has encountered over the last fiscal year. Finally, the Secretary shall consult with the National Academy of Sciences before making such certification decisions.

TITLE V—GENERAL PROVISIONS

(INCLUDING RESCISSIONS OF FUNDS)

Section 501. The bill continues a provision that no part of any appropriation shall remain available for obligation beyond the current year unless expressly provided.

Section 502. The bill continues a provision that unexpended balances of prior appropriations may be merged with new appropriations accounts and used for the same purpose, subject to reprogramming guidelines.

Section 503. The bill continues and modifies a provision that provides authority to reprogram appropriations within an account and to transfer up to 5 percent between appropriations accounts with 15–day advance notification of the Committees. A detailed funding table identifying programs, projects, and activities is included at the end of this statement. This table along with funding levels specified in the report required under subsection (e) shall serve as the control level for all reprogrammings. These reprogramming guidelines shall be complied with by all agencies funded by the Department of Homeland Security Appropriations Act, 2009.

The Department shall submit reprogramming requests on a timely basis and provide complete explanations of the reallocations proposed, including detailed justifications of the increases and offsets, and any specific impact the proposed changes will have on the budget request for the following fiscal year and future-year appropriations requirements. Each request submitted to the Committees should include a detailed table showing the proposed revisions at the account, program, project, and activity level to the funding and staffing (full-time equivalents and positions) levels for the current fiscal year and to the levels requested in the President's budget for the following fiscal year.

The Department shall manage its programs and activities within the levels appropriated. The Committees are concerned with the number of reprogramming proposals submitted for consideration by the Department and remind the Department that reprogramming or transfer requests should be submitted only in the case of an unforeseeable emergency or situation that could not have been predicted when formulating the budget request for the current fiscal year. When the Department submits a reprogramming or transfer request to the Committees and does not receive identical responses from the House and Senate, it is the responsibility of the Department to reconcile the House and Senate differences before proceeding, and if reconciliation is not possible, to consider the reprogramming or transfer request disapproved.

The Department is not to submit a reprogramming or transfer of funds after June 30 except in extraordinary circumstances, which imminently threaten the safety of human life or the protection of property. If a reprogramming or transfer is needed after June 30, the notice should contain sufficient documentation as to why it meets this statutory exception. Reprogramming proposals submitted by June 30 can be approved after that date.

Section 504. The bill continues and modifies a provision extending the authorization of the Department's Working Capital Fund in fiscal year 2009. No funds appropriated or otherwise available to the Department may

be used to make payment to the Department's WCF, except for activities and amounts allowed in the President's fiscal year 2009 budget. Funds provided to the WCF are available until expended. The Department can only charge components for direct usage of the WCF and these funds may be used only for the purposes consistent with the contributing component. Any funds paid in advance or reimbursed must reflect the full cost of each service. The WCF shall be subject to the requirements of section 503 of this Act.

Section 505. The bill continues a provision that not to exceed 50 percent of unobligated balances remaining at the end of fiscal year 2009 from appropriations made for salaries and expenses shall remain available through fiscal year 2010 subject to reprogramming guidelines.

Section 506. The bill continues a provision deeming that funds for intelligence activities are specifically authorized during fiscal year 2009 until the enactment of an Act authorizing intelligence activities for fiscal year 2009.

Section 507. The bill continues and modifies a provision requiring notification of the Committees three business days before any grant allocation, discretionary grant award, discretionary contract award, including Federal Acquisition Regulation-covered contracts, letter of intent, or public announcement of the intention to make such an award totaling in excess of $1,000,000. If the Secretary determines that compliance would pose substantial risk to health, human life, or safety, an award may be made without prior notification but the Committees shall be notified within five business days. Additionally, FEMA is required to brief the Committees five full business days prior to announcing publicly the intention to make an award under the State Homeland Security Grant Program, Urban Area Security Initiative, and Regional Catastrophic Preparedness Grant Program.

Section 508. The bill continues a provision that no agency shall purchase, construct, or lease additional facilities for Federal law enforcement training without advance approval of the Committees.

Section 509. The bill continues a provision that none of the funds may be used for any construction, repair, alteration, or acquisition project for which a prospectus, otherwise required under chapter 33 of Title 40, United States Code, has not been approved. The bill excludes funds that may be required for development of a proposed prospectus.

Section 510. The bill includes a provision that consolidates and continues by reference prior year statutory bill language into one provision. These provisions relate to reporting requirements of the privacy officer; contracting officer's technical representative training; sensitive security information; federal building performance and requirements outlined in title V of the National Energy Conservation Policy Act or subtitle A of title I of the Energy Policy Act of 2005; use of funds in conformance with section 303 of the Energy Policy Act of 1992; and Executive Order 13149 relating to fleet and transportation efficiency.

Section 511. The bill continues a provision that none of the funds may be used in contravention of the Buy American Act.

Section 512. The bill continues a provision to prohibit the obligation of funds for the Secure Flight program, except on a test basis, until the requirements of section 522 of Public Law 108–334 have been met and certified by the Secretary of DHS and reviewed by the GAO. GAO shall continue to evaluate DHS and TSA actions to meet the ten conditions listed in section 522(a) of Public Law 108–334 and to report to the Committees, either incrementally as the Department meets additional conditions, or when all conditions have been met by the Department. The bill also prohibits the obligation of funds to develop or test algorithms assigning risk to passengers not on government watch lists and for a commercial database that is obtained from or remains under the control of a non-federal entity, excluding Passenger Name Record data obtained from air carriers. Within 90 days after the date of enactment of this Act, TSA shall submit a detailed plan on achieving key milestones and methodology used for certification.

Section 513. The bill continues a provision prohibiting funds to be used to amend the oath of allegiance required by section 337 of the Immigration and Nationality Act (8 U.S.C. 1448).

Section 514. The bill continues a provision regarding competitive sourcing.

Section 515. The bill continues a provision directing TSA to research, develop, and procure new technologies to inspect and screen air cargo. In the interim, TSA shall utilize existing checked baggage explosive detection equipment and screeners to screen cargo on passenger aircraft when practicable. TSA shall work with air carriers and airports to ensure the screening of cargo carried on passenger aircraft, as required by the 9/11 Act, increases incrementally each quarter. TSA shall take all possible measures to ensure air carriers are submitting data consistent with current security directives, including enforcement actions for non-compliance. TSA is required to report air cargo inspection statistics detailing how incremental progress is being made to the Committees within 45 days of the end of each quarter of the fiscal year.

Section 516. The bill continues a provision directing that any funds appropriated or transferred to TSA ''Aviation Security'', ''Administration'', and ''Transportation Security Support'' in fiscal years 2004, 2005, 2006, and 2007 that are recovered or deobligated shall be available only for procurement and installation of explosives detection systems, for air cargo, baggage, and checkpoint screening systems, subject to notification. Quarterly reports must be submitted identifying any funds that are recovered or deobligated.

Section 517. The bill continues a provision requiring any funds appropriated to Coast Guard for 110–123 foot patrol boat conversions that are recovered, collected, or otherwise received as a result of negotiation, mediation, or litigation, shall be available until expended for the replacement patrol boat program.

Section 518. The bill continues and modifies a provision that prohibits obligation of funds to commence operations at the National Applications Office (NAO) other than those previously carried out under the authorities of the Civil Applications Committee until certain conditions are met. The bill also requires the OIG to audit the operations of the NAO and provide quarterly reports to the Committees, starting six months after the date of enactment of this Act. In addition, the bill includes a provision that prohibits obligation of funds to commence operations of the National Immigration Information Sharing Operation until certain conditions are met.

Section 519. The bill continues a provision requiring the Chief Financial Officer to submit monthly budget execution and staffing reports within 45 days after the close of each month.

Section 520. The bill continues a provision relating to undercover investigative operations authority of the Secret Service.

Section 521. The bill continues a provision classifying the functions of instructor staff at FLETC as inherently governmental for purposes of the Federal Activities Inventory Reform Act of 1998.

Section 522. The bill includes a new provision pertaining to the human resources management system.

Section 523. The bill continues a provision regarding the enforcement of section 4025(1) of Public Law 108–458 pertaining to butane lighters.

Section 524. The bill continues and modifies a provision prohibiting the Secretary of Homeland Secretary from reducing operations within the Coast Guard's civil engineering program except as specifically authorized in statute after the date of enactment of this Act.

Section 525. The bill continues and modifies a provision prohibiting the obligation of funds to the Office of the Secretary and Executive Management, the Office of the Under Secretary for Management, or the Office of the Chief Financial Officer for grants or contracts awarded by any means other than full and open competition. Certain exceptions apply. The bill also requires the OIG to review Departmental contracts awarded noncompetitively and report on the results to the Committees.

Section 526. The bill continues a provision that prohibits funding for any position designated as a Principal Federal Official during Stafford Act declared disasters or emergencies.

Section 527. The bill continues a provision prohibiting funding to grant an immigration benefit to any individual unless the results of background checks required in statute to be completed prior to the grant of the benefit have been received by DHS.

Section 528. The bill continues a provision prohibiting use of funds to destroy or put out to pasture any horse or other equine belonging to the Federal government unless adoption has been offered first.

Section 529. The bill continues a provision that precludes DHS from using funds in this Act to carry out reorganization authority.

Section 530. The bill continues a provision regarding the use of the National Center for Critical Information Processing and Storage data center.

Senate 531. The bill continues a provision prohibiting funds from being used to reduce the Coast Guard's Operations Systems Center mission or its government-employed or contract staff.

Section 532. The bill continues a provision prohibiting funds to be used to conduct or implement the results of a competition under Office of Management and Budget Circular A–76 with respect to the Coast Guard National Vessel Documentation Center.

Section 533. The bill continues a provision that requires the Secretary to link all contracts that provide award fees to successful acquisition outcomes.

Section 534. The bill continues a provision prohibiting the obligation of funds for the Office of Secretary and Executive Management for any new hires at DHS if they are not verified through the E-Verify system.

Section 535. The bill continues a provision related to prescription drugs.

Section 536. The bill continues a provision prohibiting funds available in this Act from being used to implement a rule or regulation which implements the notice of proposed rulemaking related to Petitions for Aliens to Perform Temporary Nonagricultural Services or Labor (H–2B) set out beginning on 70 Federal Register 3984 (January 27, 2005).

Section 537. The bill continues and modifies a provision relating to other transactional authority of DHS through fiscal year 2009. Language requires the Secretary to issue policy guidance detailing the appropriate use of other transactional authority

and provide training to each employee that has authority to handle procurements under this authority. The Secretary shall report on projects that this authority was used for.

Section 538. The bill continues a provision prohibiting funds for planning, testing, piloting or developing a national identification card.

Section 539. The bill continues a provision that requires a report summarizing damage assessment information used to determine whether to declare a major disaster.

Section 540. The bill includes a new provision relating to the liquidation of Plum Island assets if the site is not chosen for the new National Bio and Agro-defense Facility and how the proceeds from this sale may be applied.

Section 541. The bill includes a new provision directing that any official required by this Act to report or certify to the Committees on Appropriations may not delegate such authority unless expressly authorized to do so in this Act.

Section 542. The bill includes a new provision requiring the Secretary of Homeland Security, in conjunction with the Secretary of Treasury, to notify the Committees of proposed transfers of surplus balances from the Department of Treasury Forfeiture Fund to any agency within the Department of Homeland Security. No transfers may be obligated until the Committees approve the proposed transfers and their use.

Section 543. The bill includes a new provision pertaining to alien flight school training.

Section 544. The bill includes a new provision on unmanned aerial systems.

Section 545. The bill includes a new provision requiring the Assistant Secretary of Homeland Security (TSA) to certify that no security risks will result if any airport does not participate in the basic pilot program.

Section 546. The bill includes a new provision related to disaster assistance payments for police stations, fire stations, or criminal justice facilities that were damaged by Hurricanes Katrina or Rita.

Section 547. The bill includes a new provision providing $50,000,000 for REAL ID grants and $50,000,000 for a REAL ID information sharing and verification system.

Section 548. The bill includes a new provision regarding debris removal in Mississippi as a result of Hurricane Katrina.

Section 549. The bill rescinds $31,000,000 from unobligated balances of prior year appropriations made available to TSA. Language is included that specifies programs from which funds cannot be rescinded. TSA shall notify the Committees on the distribution of the rescission prior to its implementation.

Section 550. The bill rescinds $21,373,000 from unobligated balances of prior year appropriations made available for Analysis and Operations. The Secretary shall notify the Committees on the distribution of the rescission 30 days after the date of enactment of this Act.

Section 551. The bill rescinds $20,000,000 from unobligated balances of prior year appropriations made available for the Coast Guard ''Acquisition, Construction, and Improvements''. The Coast Guard shall notify the Committees on the distribution of the rescission prior to its implementation.

Section 552. The bill includes a new provision on predisaster mitigation.

Section 553. The bill includes new language extending the authority of the Predisaster Mitigation Fund until September 30, 2009.

Disclosure of Earmarks and Congressionally Directed Spending Items

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the bill or this explanatory statement, along with the name of each Senator, House Member, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. Neither the bill nor the explanatory statement contains any limited tax benefits or limited tariff benefits as defined in the applicable House and Senate rules.

## DEPARTMENT OF HOMELAND SECURITY

| Account | Project | Amount | Requester(s) |
|---|---|---|---|
| CIO | National Center for Critical Information Processing and Storage, MS | $22,300,000 | Thad Cochran |
| CBP Salaries and Expenses | Containerized Cargo Inspection Demonstration Project (Project SeaHawk), Port of Charleston, SC | 2,000,000 | Henry Brown, Lindsey Graham |
| CBP Salaries and Expenses | 2010 Olympics Coordination Center, WA | 4,500,000 | Patty Murray, Rick Larsen |
| CBP Air and Marine Interdiction, Operations, Maintenance, and Procurement | Wireless Airport Surveillance Platform, NC | 5,000,000 | Bob Etheridge |
| CBP Construction | Advanced Training Center, WV | 39,700,000 | Robert Byrd |
| CBP Construction | Del Rio: Comstock, TX Station | 25,000,000 | The President |
| CBP Construction | Detroit: Sandusky, OH Station | 4,000,000 | The President |
| CBP Construction | Calexico, CA Station | 34,000,000 | The President |
| CBP Construction | Indio, CA Station | 18,000,000 | The President |
| CBP Construction | Sector HQ Vehicle Maintenance Facility, CA | 18,000,000 | The President |
| CBP Construction | EL Paso: Expanded Checkpoints, TX | 1,513,000 | The President |
| CBP Construction | Marfa: Presidio, TX Station | 3,000,000 | The President |
| CBP Construction | Blythe, CA Station | 28,900,000 | The President |
| CBP Construction | Boulevard, CA Station | 31,000,000 | The President |
| CBP Construction | Casa Grande, AZ Station | 17,873,000 | The President |
| CBP Construction | Naco, AZ Station | 47,000,000 | The President |
| CBP Construction | Sonoita, AZ Station | 27,000,000 | The President |
| CBP Construction | Yuma, AZ Hangar, Maintenance & Admin | 4,000,000 | The President |
| CBP Construction | El Centro, CA Hangar, Maintenance & Admin | 2,100,000 | The President |
| CBP Construction | El Paso, TX Consolidation of facilities | 1,500,000 | The President |
| CBP Construction | Laredo, TX Hangar, Maintenance & Admin | 4,000,000 | The President |
| CBP Construction | Marfa, TX Hangar, Maintenance & Admin | 3,000,000 | The President |
| CBP Construction | Uvalde, TX Hangar, Maintenance & Admin | 2,000,000 | The President |
| Coast Guard Operating Expenses | Operations Systems Center, WV | 3,600,000 | Robert Byrd |
| Coast Guard Acquisition, Construction and Improvements | Sector Buffalo, NY | 3,000,000 | Brian Higgins |
| Coast Guard Acquisition, Construction and Improvements | Rescue Swimmer Training Facility, NC | 15,000,000 | G.K. Butterfield |
| Coast Guard Acquisition, Construction and Improvements | CG Air Station Cape Cod, MA | 5,000,000 | The President |
| Coast Guard Acquisition, Construction and Improvements | Sector Delaware Bay, NJ | 13,000,000 | The President |
| Coast Guard Acquisition, Construction and Improvements | Coast Guard Housing-Cordova, AK | 11,600,000 | The President |
| Coast Guard Acquisition, Construction and Improvements | Coast Guard Academy-Chase Hall, CT | 10,300,000 | The President, Chris Dodd |
| Coast Guard Acquisition, Construction and Improvements | Station Montauk, NY | 1,550,000 | The President |
| Coast Guard Alteration of Bridges | Fourteen Mile Bridge, Mobile, AL | 4,000,000 | Robert Aderholt, Jo Bonner, Richard Shelby |

## DEPARTMENT OF HOMELAND SECURITY—Continued

| Account | Project | Amount | Requester(s) |
|---|---|---|---|
| Coast Guard Alteration of Bridges | Galveston Causeway Bridge, Galveston, TX | 4,000,000 | John Culberson, Gene Green, Kay Bailey Hutchison, Ron Paul, Ted Poe |
| Coast Guard Alteration of Bridges | Elgin, Joliet, and Eastern Railway Company Bridge, Morris, IL | 2,000,000 | Richard Durbin, Jerry Weller |
| Coast Guard Alteration of Bridges | Burlington Northern Railroad Bridge, Burlington IA | 2,000,000 | Tom Harkin, David Loebsack |
| Coast Guard Alteration of Bridges | Chelsea Street Bridge, Chelsea, MA | 2,000,000 | Edward Kennedy, John Kerry |
| Coast Guard Alteration of Bridges | Canadian Pacific Railway Bridge, La Crosse, WI | 2,000,000 | Herb Kohl |
| Secret Service Acquisition, Construction, Improvements, and Related Expenses | Perimeter security and noise abatement study at the Rowley training center, MD | 250,000 | Steny Hoyer |
| NPPD Infrastructure Protection and Information Security | Philadelphia Infrastructure monitoring, PA | 2,000,000 | Chaka Fattah |
| NPPD Infrastructure Protection and Information Security | Critical Underground Infrastructure in major urban areas | 3,000,000 | Peter King, Carolyn McCarthy, James Walsh, Charles Schumer |
| NPPD Infrastructure Protection and Information Security | Office of Bombing Prevention, IED-Geospatial Analysis Tool Plus, PA | 1,000,000 | John Murtha |
| NPPD Infrastructure Protection and Information Security | State and Local Cybersecurity Training, University of Texas, San Antonio, TX | 3,500,000 | Ciro Rodriguez |
| NPPD Infrastructure Protection and Information Security | Power and Cyber Systems Protection, Analysis, and Testing Program at Idaho National Laboratory, ID | 4,000,000 | Mike Simpson, Larry Craig |
| NPPD Infrastructure Protection and Information Security | National Infrastructure Simulation and Analysis Center, NM | 20,000,000 | The President, Pete Domenici |
| FEMA Management and Administration | Impacts of Climate on Future Disasters, State of North Carolina | 5,000,000 | David Price |
| FEMA Management and Administration | Flood Control and Hazard Mitigation Demonstration Program, Commonwealth of Kentucky | 2,425,000 | Harold Rogers |
| FEMA Management and Administration | Pacific Region Homeland Security Center, HI | 2,200,000 | Daniel Inouye |
| FEMA State and Local Programs | National Domestic Preparedness Consortium<br>National Energetic Materials Research and Testing Center, New Mexico Institute of Mining and Technology, NM<br>National Center for Biomedical Research and Training, Louisiana State University, LA<br>National Emergency Response and Rescue Training Center, Texas A&M University, TX<br>National Exercise, Test, and Training Center, Nevada Test Site, NV<br>Transportation Technology Center, Incorporated, CO<br>National Disaster Preparedness Training Center, University of Hawaii, HI | <br>23,000,000<br>23,000,000<br>23,000,000<br>23,000,000<br>5,000,000<br>5,000,000 | The President, Rodney Alexander, Wayne Allard, John Carter, John Cornyn, Pete Domenici, Chet Edwards, Charles Gonzalez, Kay Bailey Hutchison, Daniel Inouye, Mary Landrieu, Harry Reid, Ken Salazar, John Salazar, David Vitter |
| FEMA State and Local Programs | Center for Domestic Preparedness | 62,500,000 | The President, Richard Shelby, Robert Aderholt, Mike Rogers |
| FEMA State and Local Programs | Counterterrorism and Cyber Crime Center, VT | 1,700,000 | Patrick Leahy |
| FEMA State and Local Programs | Emergency Operations Center, Tensas Parish Police Jury, LA | 750,000 | Rodney Alexander |
| FEMA State and Local Programs | Emergency Operations Center, City of Rialto, CA | 225,000 | Joe Baca |
| FEMA State and Local Programs | Emergency Operations Center, Village of Poynette, WI | 1,000,000 | Tammy Baldwin |
| FEMA State and Local Programs | Emergency Operations Center, Sebastian County, AR | 750,000 | John Boozman |
| FEMA State and Local Programs | Emergency Operations Center, Lake County, FL | 1,000,000 | Corrine Brown |
| FEMA State and Local Programs | Emergency Operations Center, Sarasota County, FL | 1,000,000 | Vern Buchanan |
| FEMA State and Local Programs | Emergency Operations Center, Northumberland County, Department of Public Safety, PA | 1,000,000 | Christopher P. Carney |
| FEMA State and Local Programs | Emergency Operations Center, City of Detroit, MI | 1,000,000 | John Conyers, Carolyn Kilpatrick, Carl Levin, Debbie Stabenow |
| FEMA State and Local Programs | Emergency Operations Center, San Diego Unified School District, San Diego, CA | 400,000 | Susan A. Davis |
| FEMA State and Local Programs | Emergency Operations Center, City of Half Moon Bay, CA | 750,000 | Anna G. Eshoo |
| FEMA State and Local Programs | Emergency Operations Center, Chesterfield County, VA | 250,000 | Randy Forbes |
| FEMA State and Local Programs | Emergency Operations Center, Spencer County Commissioners, Rockport, IN | 1,000,000 | Baron P. Hill |
| FEMA State and Local Programs | Emergency Operations Center, City of Gladstone, OR | 60,000 | Darlene Hooley |
| FEMA State and Local Programs | Emergency Operations Center, City of Coral Springs, FL | 550,000 | Ron Klein, Robert Wexler |
| FEMA State and Local Programs | Emergency Operations Center, Snohomish County, WA | 1,000,000 | Rick Larsen, Maria Cantwell |
| FEMA State and Local Programs | Emergency Operations Center, County of Atlantic, NJ | 750,000 | Frank LoBiondo, Frank Lautenberg, Robert Menendez |
| FEMA State and Local Programs | Emergency Operations Center, City of Rio Vista, CA | 150,000 | Daniel Lungren |
| FEMA State and Local Programs | Emergency Operations Center, American Red Cross, Sacramento Sierra Chapter, CA | 35,000 | Doris Matsui |
| FEMA State and Local Programs | Emergency Operations Center, Village of Bellerose, NY | 200,000 | Carolyn McCarthy |
| FEMA State and Local Programs | Emergency Operations Center, Town of Pomona Park, FL | 300,000 | John Mica |
| FEMA State and Local Programs | Emergency Operations Center, San Francisco Police Department, CA | 1,000,000 | Nancy Pelosi |
| FEMA State and Local Programs | Emergency Operations Center, North Carolina Department of Crime Control and Public Safety, NC | 1,000,000 | David Price |
| FEMA State and Local Programs | Emergency Operations Center, City of Del Rio, TX | 500,000 | Ciro Rodriguez |
| FEMA State and Local Programs | Emergency Operations Center, City of Bell Gardens, CA | 175,000 | Lucille Roybal-Allard |
| FEMA State and Local Programs | Emergency Operations Center, City of Cudahy, CA | 50,000 | Lucille Roybal-Allard |
| FEMA State and Local Programs | Emergency Operations Center, The County of Cook, IL | 1,000,000 | Bobby Rush |
| FEMA State and Local Programs | Emergency Operations Center, Douglas County, GA | 500,000 | David Scott |
| FEMA State and Local Programs | Emergency Operations Center, City of Richmond, Office of Emergency Management, VA | 750,000 | Robert C. ''Bobby'' Scott |

## DEPARTMENT OF HOMELAND SECURITY—Continued

| Account | Project | Amount | Requester(s) |
|---|---|---|---|
| FEMA State and Local Programs | Emergency Operations Center, Hudson County, NJ | 1,000,000 | Albio Sires, Frank Lautenberg, Robert Menendez |
| FEMA State and Local Programs | Emergency Operations Center, Marion County, FL | 750,000 | Cliff Stearns |
| FEMA State and Local Programs | Emergency Operations Center, City of Miami Beach, FL | 1,000,000 | Debbie Wasserman Schultz, Ilena Ros-Lehtinen |
| FEMA State and Local Programs | Emergency Operations Center, Vermont Emergency Management Agency, VT | 1,000,000 | Peter Welch, Patrick Leahy |
| FEMA State and Local Programs | Emergency Operations Center, Crittenden County, KY | 750,000 | Ed Whitfield |
| FEMA Predisaster Mitigation | City of Rainbow City, AL | 1,000,000 | Robert Aderholt |
| FEMA Predisaster Mitigation | Municipality of Murrysville, PA | 100,000 | Jason Altmire |
| FEMA Predisaster Mitigation | Bibb County, Emergency Management Agency, AL | 750,000 | Spencer Bachus |
| FEMA Predisaster Mitigation | City of Wynne, AR | 50,000 | Marion Berry |
| FEMA Predisaster Mitigation | City of San Diego, CA | 1,000,000 | Brian Bilbray |
| FEMA Predisaster Mitigation | Pinellas County, FL | 1,000,000 | Gus Bilirakis, C.W. ''Bill'' Young, Kathy Castor |
| FEMA Predisaster Mitigation | Brigham City (Corporation), UT | 650,000 | Rob Bishop, Robert Bennett, Orrin Hatch |
| FEMA Predisaster Mitigation | City of Coolidge, GA | 80,000 | Sanford Bishop |
| FEMA Predisaster Mitigation | Drywood Township, Garland, KS | 35,000 | Nancy Boyda |
| FEMA Predisaster Mitigation | City of Merced, CA | 500,000 | Dennis Cardoza |
| FEMA Predisaster Mitigation | City of Newark, DE | 300,000 | Michael Castle, Joseph Biden |
| FEMA Predisaster Mitigation | Adjutant General's Office of Emergency Preparedness, SC | 1,000,000 | James E. Clyburn |
| FEMA Predisaster Mitigation | Alabama Department of Homeland Security, for Jackson County, AL | 90,000 | Robert Cramer |
| FEMA Predisaster Mitigation | Harris County Flood Control District, TX | 1,000,000 | John Culberson |
| FEMA Predisaster Mitigation | Tarrant County, TX | 1,000,000 | Kay Granger |
| FEMA Predisaster Mitigation | City of Chula Vista, CA | 400,000 | Bob Filner |
| FEMA Predisaster Mitigation | North West, MO Regional Council of Governments | 300,000 | Sam Graves |
| FEMA Predisaster Mitigation | Florida Atlantic University, Boca Raton, FL | 300,000 | Alcee Hastings, Tim Mahoney, Debbie Wasserman Schultz |
| FEMA Predisaster Mitigation | City of Kannapolis, NC | 468,000 | Robin Hayes |
| FEMA Predisaster Mitigation | Town of Conklin, NY | 330,000 | Maurice Hinchey |
| FEMA Predisaster Mitigation | County of Hawaii, Civil Defense Agency, HI | 400,000 | Mazie Hirono |
| FEMA Predisaster Mitigation | City of Berlin, Public Health Department, NH | 100,000 | Paul Hodes |
| FEMA Predisaster Mitigation | City of Trenton, NJ | 500,000 | Rush Holt, Christopher Smith, Frank Lautenberg, Robert Menendez |
| FEMA Predisaster Mitigation | Santa Clara Water Valley District, San Jose, CA | 790,000 | Michael Honda |
| FEMA Predisaster Mitigation | City of Houston, TX | 200,000 | Sheila Jackson-Lee |
| FEMA Predisaster Mitigation | West Jefferson Medical Center, Marrero, LA | 400,000 | William Jefferson, Mary Landrieu |
| FEMA Predisaster Mitigation | Erie County, Sandusky, OH | 399,000 | Marcy Kaptur |
| FEMA Predisaster Mitigation | Wayne County, Detroit, MI | 300,000 | Carolyn Kilpatrick, Carl Levin, Debbie Stabenow |
| FEMA Predisaster Mitigation | New York State Emergency Management Office, NY | 1,000,000 | Nita Lowey, José Serrano, Peter King |
| FEMA Predisaster Mitigation | City of Berkeley, CA | 750,000 | Barbara Lee |
| FEMA Predisaster Mitigation | City of Taylorsville, KY | 750,000 | Ron Lewis |
| FEMA Predisaster Mitigation | Westchester and Rockland Counties, NY | 500,000 | Nita Lowey |
| FEMA Predisaster Mitigation | Town of Lake Placid, FL | 500,000 | Tim Mahoney |
| FEMA Predisaster Mitigation | Tifton-Tift County Emergency Management Agency (EMA), GA | 40,000 | Jim Marshall |
| FEMA Predisaster Mitigation | Town of Pembroke Park, FL | 400,000 | Kendrick Meek |
| FEMA Predisaster Mitigation | City of Miami, FL | 1,000,000 | Kendrick Meek, Ilena Ros-Lehtinen |
| FEMA Predisaster Mitigation | City of Mission Viejo, CA | 850,000 | Gary Miller |
| FEMA Predisaster Mitigation | Yardley Borough, PA | 500,000 | Patrick Murphy |
| FEMA Predisaster Mitigation | Clark County Emergency Management, WI | 300,000 | David Obey |
| FEMA Predisaster Mitigation | County of Essex, NJ | 500,000 | Donald Payne |
| FEMA Predisaster Mitigation | Val Verde County, Del Rio, TX | 500,000 | Ciro Rodriguez |
| FEMA Predisaster Mitigation | County of Los Angeles, CA | 600,000 | Lucille Roybal-Allard |
| FEMA Predisaster Mitigation | City of Los Angeles, CA | 500,000 | Adam Schiff |
| FEMA Predisaster Mitigation | City of New Braunfels, TX | 360,000 | Lamar Smith |
| FEMA Predisaster Mitigation | Brown Township Board of Trustees, Malvern, OH | 247,728 | Zachary Space |
| FEMA Predisaster Mitigation | City of Barberton, OH | 200,000 | Betty Sutton |
| FEMA Predisaster Mitigation | Mississippi Homeland Security Office, MS | 500,000 | Bennie Thompson |
| FEMA Predisaster Mitigation | Town of North Andover, MA | 100,000 | John Tierney |
| FEMA Predisaster Mitigation | Cities of Lake Station and Hobart, IN | 500,000 | Peter Visclosky |
| FEMA Predisaster Mitigation | City of Owatonna, MN | 400,000 | Timothy Walz |
| FEMA Predisaster Mitigation | Putnam County, FL | 450,000 | John Mica |

## DEPARTMENT OF HOMELAND SECURITY—Continued

| Account | Project | Amount | Requester(s) |
|---|---|---|---|
| FEMA Predisaster Mitigation | City of Lake City, TN | 418,000 | Zack Wamp |
| FLETC Acquisition, Construction, Improvements, and Related Expenses | Artesia Construction, NM | 3,000,000 | Pete Domenici |
| FLETC Acquisition, Construction, Improvements, and Related Expenses | Practical Application/Counterterrorism Operations Training Facility, GA | 9,195,000 | The President |
| S&T Research, Development, Acquisition, and Operations | Southeast Region Research Initiative, TN | 27,000,000 | Lamar Alexander, Thad Cochran, Roger Wicker |
| S&T Research, Development, Acquisition, and Operations | Distributed Environment for Critical Infrastructure Decisionmaking Exercises, Multiple Locations | 3,000,000 | Robert Bennett, Patrick Leahy, Joe Lieberman, George Voinovich, Rob Bishop, Dean Heller |
| S&T Research, Development, Acquisition, and Operations | Naval Postgraduate School, CA | 2,000,000 | Sam Farr |
| S&T Research, Development, Acquisition, and Operations | Homeland Security Research, Development, & Manufacturing Pilot, Bay Shore, NY | 2,000,000 | Steve Israel, Peter King, Charles Schumer |
| S&T Research, Development, Acquisition, and Operations | National Institute for Hometown Security, Community-Based Infrastructure Protection Solutions, KY | 11,000,000 | Harold Rogers |
| General Provision | Mississippi Debris Removal | | Thad Cochran |

FUNDING RECOMMENDATIONS

The bill detailed funding recommendations for programs are contained in the table listed below. (Insert Table)

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| TITLE I - DEPARTMENTAL MANAGEMENT AND OPERATIONS | | | | | |
| Office of the Secretary and Executive Management: | | | | | |
| Immediate Office of the Secretary | 2,540 | 3,378 | 3,140 | +600 | -238 |
| Immediate Office of the Deputy Secretary | 1,122 | 1,505 | 1,400 | +278 | -105 |
| Chief of Staff | 2,639 | 2,693 | 2,693 | +54 | --- |
| Office of Counternarcotics Enforcement | 2,680 | 4,018 | 3,718 | +1,038 | -300 |
| Executive Secretary | 4,722 | 5,848 | 7,448 | +2,726 | +1,600 |
| Office of Policy | 33,000 | 43,693 | 43,263 | +10,263 | -430 |
| Office of Public Affairs | 6,650 | 8,291 | 5,991 | -659 | -2,300 |
| Office of Legislative and Intergovernmental Affairs | 4,900 | 5,697 | 4,997 | +97 | -700 |
| Office of General Counsel | 13,500 | 20,914 | 20,114 | +6,614 | -800 |
| Office of Civil Rights and Civil Liberties | 14,200 | 17,917 | 17,417 | +3,217 | -500 |
| Citizenship and Immigration Services Ombudsman | 5,900 | 6,471 | 6,471 | +571 | --- |
| Privacy Officer | 5,500 | 6,804 | 6,804 | +1,304 | --- |
| Total, Office of the Secretary and Executive Management | 97,353 | 127,229 | 123,456 | +26,103 | -3,773 |
| Office of the Under Secretary for Management: | | | | | |
| Under Secretary for Management | 2,012 | 2,654 | 2,654 | +642 | --- |
| Office of Security | 53,490 | 60,968 | 60,882 | +7,392 | -86 |
| Office of the Chief Procurement Officer | 28,495 | 42,003 | 39,003 | +10,508 | -3,000 |
| Office of the Chief Human Capital Officer: | | | | | |
| Salaries and expenses | 8,811 | 31,827 | 28,827 | +20,016 | -3,000 |
| Human resources | 10,000 | 15,000 | 10,000 | --- | -5,000 |
| Subtotal, Office of the Chief Human Capital Officer | 18,811 | 46,827 | 38,827 | +20,016 | -8,000 |
| Office of the Chief Administrative Officer: | | | | | |
| Salaries and expenses | 41,430 | 41,727 | 44,427 | +2,997 | +2,700 |
| Nebraska Avenue Complex (NAC) | 6,000 | 6,000 | 6,000 | --- | --- |
| St. Elizabeths Project | --- | 120,000 | --- | --- | -120,000 |
| Subtotal, Office of the Chief Administrative Officer | 47,430 | 167,727 | 50,427 | +2,997 | -117,300 |
| Total, Office of the Under Secretary for Management | 150,238 | 320,179 | 191,793 | +41,555 | -128,386 |
| Office of the Chief Financial Officer | 31,300 | 56,235 | 55,235 | +23,935 | -1,000 |
| Office of the Chief Information Officer: | | | | | |
| Salaries and expenses | 81,000 | 86,928 | 86,928 | +5,928 | --- |
| Information technology activities | 56,200 | 42,445 | 44,945 | -11,255 | +2,500 |
| Security activities | 124,900 | 70,323 | 92,623 | -32,277 | +22,300 |
| Homeland Secure Data Network (HSDN) | 33,100 | 47,673 | 47,673 | +14,573 | --- |
| Subtotal, Office of the Chief Information Officer | 295,200 | 247,369 | 272,169 | -23,031 | +24,800 |
| Analysis and Operations | 306,000 | 333,521 | 327,373 | +21,373 | -6,148 |
| Rescission | -8,700 | --- | --- | +8,700 | --- |
| Subtotal, Analysis and Operations | 297,300 | 333,521 | 327,373 | +30,073 | -6,148 |
| Total, Departmental Operations | 871,391 | 1,084,533 | 970,026 | +98,635 | -114,507 |
| Office of the Federal Coordinator for Gulf Coast Rebuilding | 2,700 | 1,280 | 1,900 | -800 | +620 |
| Office of Inspector General | | | | | |
| Operating expenses | 92,711 | 101,013 | 98,513 | +5,802 | -2,500 |
| (transfer from Disaster Relief) | (16,000) | --- | (16,000) | --- | (+16,000) |
| Operating expenses (including transfers) | 108,711 | 101,013 | 114,513 | +5,802 | +13,500 |
| Appropriations | (92,711) | (101,013) | (98,513) | (+5,802) | (-2,500) |
| by transfer | (16,000) | --- | (16,000) | --- | (+16,000) |
| Total, title I, Departmental Management and Operations (including transfers) | 982,802 | 1,186,826 | 1,086,439 | +103,637 | -100,387 |
| Appropriations | (975,502) | (1,186,826) | (1,070,439) | (+94,937) | (-116,387) |
| Rescissions | (-8,700) | --- | --- | (+8,700) | --- |
| by transfer | (16,000) | --- | (16,000) | --- | (+16,000) |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| TITLE II - SECURITY, ENFORCEMENT, AND INVESTIGATIONS | | | | | |
| U.S. Customs and Border Protection | | | | | |
| Salaries and expenses: | | | | | |
| Headquarters, Management, and Administration: | | | | | |
| Management and administration, border security inspections and trade facilitation | 619,325 | 644,351 | 646,608 | +27,283 | +2,257 |
| Management and administration, border security and control between ports of entry | 602,016 | 622,300 | 622,550 | +20,534 | +250 |
| Subtotal, Headquarters, Mgt & Admin | 1,221,341 | 1,266,651 | 1,269,158 | +47,817 | +2,507 |
| Border security inspections and trade facilitation: | | | | | |
| Inspections, trade, and travel facilitation at ports of entry | 1,583,235 | 1,834,793 | 2,093,988 | +510,753 | +259,195 |
| Model ports of entry (emergency) | 40,000 | --- | --- | -40,000 | --- |
| Terrorist prevention system enhancements for passenger screening (emergency) | 45,000 | --- | --- | -45,000 | --- |
| Electronic travel authorizations (emerg.) | 36,000 | --- | --- | -36,000 | --- |
| WHTI (emergency) | 150,000 | --- | --- | -150,000 | --- |
| Subtotal, Inspections, trade, and travel facilitation at ports of entry | 1,854,235 | 1,834,793 | 2,093,988 | +239,753 | +259,195 |
| Harbor maintenance fee collection (trust fund) | 3,093 | 3,154 | 3,154 | +61 | --- |
| Container security initiative | 156,130 | 149,450 | 149,450 | -6,680 | --- |
| Other international programs | 10,866 | 10,984 | 10,984 | +118 | --- |
| Customs-Trade Partnership Against Terrorism (C-TPAT) | 62,310 | 64,496 | 64,496 | +2,186 | --- |
| Free and Secure Trade (FAST)/NEXUS/SENTRI | 11,243 | 11,274 | 11,274 | +31 | --- |
| Inspection and detection technology investments | 105,027 | 117,144 | 145,944 | +40,917 | +28,800 |
| Automated targeting systems | 27,580 | 32,550 | 32,550 | +4,970 | --- |
| National Targeting Center | 23,950 | 24,481 | 24,481 | +531 | --- |
| Training | 24,813 | 24,778 | 24,778 | -35 | --- |
| Subtotal, Border security inspections and trade facilitation | 2,279,247 | 2,273,104 | 2,561,099 | +281,852 | +287,995 |
| Border security and control between ports of entry: | | | | | |
| Border security and control | 2,984,443 | 3,440,505 | 3,426,455 | +442,012 | -14,050 |
| Ground transportation contract (emergency) | 25,000 | --- | --- | -25,000 | --- |
| Border patrol vehicles (emergency) | 13,000 | --- | --- | -13,000 | --- |
| Training | 52,789 | 74,815 | 74,815 | +22,026 | --- |
| Subtotal, Border security and control between ports of entry | 3,075,232 | 3,515,320 | 3,501,270 | +426,038 | -14,050 |
| Air and Marine Personnel Compensation and Benefits | 212,740 | 254,279 | 271,679 | +58,939 | +17,400 |
| Emergency appropriations | 14,000 | --- | --- | -14,000 | --- |
| Subtotal, Air and Marine Personnel Compensation and Benefits | 226,740 | 254,279 | 271,679 | +44,939 | +17,400 |
| Subtotal, Salaries and expenses | 6,802,560 | 7,309,354 | 7,603,206 | +800,646 | +293,852 |
| Appropriations | (6,476,467) | (7,306,200) | (7,600,052) | (+1,123,585) | (+293,852) |
| Emergency appropriations | (323,000) | --- | --- | (-323,000) | --- |
| Harbor maintenance trust fund | (3,093) | (3,154) | (3,154) | (+61) | --- |
| Automation modernization: | | | | | |
| Automated commercial environment/International Trade Data System (ITDS) | 316,969 | 316,851 | 316,851 | -118 | --- |
| Automated commercial system and current operations and processing support | 159,640 | 194,483 | 194,483 | +34,843 | --- |
| Subtotal, Automation modernization | 476,609 | 511,334 | 511,334 | +34,725 | --- |
| Border security fencing, infrastructure, and technology (BSFIT): | | | | | |
| Development and deployment | 35,000 | 275,000 | 505,000 | +470,000 | +230,000 |
| Emergency appropriations | 1,053,000 | --- | --- | -1,053,000 | --- |
| Operations and support | 73,000 | 410,000 | 150,000 | +77,000 | -260,000 |
| Program management | 64,000 | 90,000 | 120,000 | +56,000 | +30,000 |
| Subtotal, BSFIT | 1,225,000 | 775,000 | 775,000 | -450,000 | --- |
| Appropriations | (172,000) | (775,000) | (775,000) | (+603,000) | --- |
| Emergency appropriations | (1,053,000) | --- | --- | (-1,053,000) | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Air and Marine Interdiction, Operations, Maintenance, and Procurement: | | | | | |
| Operations and maintenance | 353,614 | 380,022 | 380,022 | +26,408 | --- |
| Procurement | 122,433 | 147,978 | 147,978 | +25,545 | --- |
| Emergency appropriations | 94,000 | --- | --- | -94,000 | --- |
| Subtotal | 216,433 | 147,978 | 147,978 | -68,455 | --- |
| Subtotal, Air and marine interdiction, operations, maintenance, and procurement | 570,047 | 528,000 | 528,000 | -42,047 | --- |
| Appropriations | (476,047) | (528,000) | (528,000) | (+51,953) | --- |
| Emergency appropriations | (94,000) | --- | --- | (-94,000) | --- |
| Construction: | | | | | |
| Construction | 287,363 | 363,501 | 403,201 | +115,838 | +39,700 |
| Construction (Border Patrol) (emergency) | 61,000 | --- | --- | -61,000 | --- |
| Subtotal, Construction | 348,363 | 363,501 | 403,201 | +54,838 | +39,700 |
| Total, Direct appropriations for Customs and and Border Protection | 9,422,579 | 9,487,189 | 9,820,741 | +398,162 | +333,552 |
| Fee accounts: | | | | | |
| Immigration inspection user fee | (535,291) | (570,059) | (570,059) | (+34,768) | --- |
| Immigration enforcement fines | (3,440) | (3,331) | (3,331) | (-109) | --- |
| Land border inspection fee | (30,121) | (26,880) | (26,880) | (-3,241) | --- |
| COBRA passenger inspection fee | (392,180) | (410,666) | (410,666) | (+18,486) | --- |
| APHIS inspection fee | (299,622) | (333,433) | (333,433) | (+33,811) | --- |
| Puerto Rico collections | (117,214) | (96,719) | (96,719) | (-20,495) | --- |
| Small airport user fees | (7,057) | (7,057) | (7,057) | --- | --- |
| Subtotal, fee accounts | (1,384,925) | (1,448,145) | (1,448,145) | (+63,220) | --- |
| Total, U.S. Customs and Border Protection | (10,807,504) | (10,935,334) | (11,268,886) | (+461,382) | (+333,552) |
| Appropriations | (7,891,579) | (9,487,189) | (9,820,741) | (+1,929,162) | (+333,552) |
| Emergency apropriations | (1,531,000) | --- | --- | (-1,531,000) | --- |
| (Fee accounts) | (1,384,925) | (1,448,145) | (1,448,145) | (+63,220) | --- |
| U.S. Immigration and Customs Enforcement | | | | | |
| Salaries and expenses: | | | | | |
| Headquarters Management and Administration (non-Detention and Removal Operations): | | | | | |
| Personnel compensation and benefits, service and other costs | 164,887 | 200,188 | 203,076 | +38,189 | +2,888 |
| ICE vehicle replacements (emergency) | 4,000 | --- | --- | -4,000 | --- |
| Headquarters managed IT investment | 146,654 | 174,349 | 169,348 | +22,694 | -5,001 |
| Subtotal, Headquarters management and administration | 315,541 | 374,537 | 372,424 | +56,883 | -2,113 |
| Legal proceedings | 208,350 | 214,332 | 215,035 | +6,685 | +703 |
| Identification and removal of criminal aliens: | | | | | |
| Criminal alien program | --- | 189,069 | --- | --- | -189,069 |
| Fugitive operations | --- | 226,477 | --- | --- | -226,477 |
| Custody operations | --- | 46,000 | --- | --- | -46,000 |
| State and local programs | --- | 83,380 | --- | --- | -83,380 |
| Immigration investigations | --- | 164,905 | --- | --- | -164,905 |
| Other criminal investigations | --- | 40,545 | --- | --- | -40,545 |
| Subtotal, Identification and removal of criminal aliens | --- | 750,376 | --- | --- | -750,376 |
| Investigations: | | | | | |
| Domestic | 1,372,328 | --- | 1,519,208 | +146,880 | +1,519,208 |
| Customs and trade investigations | --- | 757,000 | --- | --- | -757,000 |
| Counterterrorism investigations/ JTTF support | --- | 66,734 | --- | --- | -66,734 |
| Human smuggling and trafficking investigations | --- | 109,991 | --- | --- | -109,991 |
| Immigration investigations | --- | 124,783 | --- | --- | -124,783 |
| Gang enforcement investigations | --- | 35,070 | --- | --- | -35,070 |
| Worksite enforcement investigations | --- | 92,300 | --- | --- | -92,300 |
| Emergency appropriations | 50,200 | --- | --- | -50,200 | --- |
| Subtotal, Domestic investigations | 1,422,528 | 1,185,878 | 1,519,208 | +96,680 | +333,330 |
| International | 107,551 | --- | --- | -107,551 | --- |
| International investigations | --- | 106,741 | 106,741 | +106,741 | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Visa security program | --- | 18,400 | 26,800 | +26,800 | +8,400 |
| Subtotal, International | 107,551 | 125,141 | 133,541 | +25,990 | +8,400 |
| Subtotal, Investigations | 1,530,079 | 1,311,019 | 1,652,749 | +122,670 | +341,730 |
| Intelligence | 52,146 | 52,956 | 55,789 | +3,643 | +2,833 |
| Detention and removal operations: | | | | | |
| Custody Operations | 1,461,212 | 1,650,495 | 1,721,268 | +260,056 | +70,773 |
| Emergency appropriations | 186,000 | --- | --- | -186,000 | --- |
| Fugitive operations | 186,145 | --- | 226,477 | +40,332 | +226,477 |
| Emergency appropriations | 32,800 | --- | --- | -32,800 | --- |
| Criminal Alien program | 178,829 | --- | 189,069 | +10,240 | +189,069 |
| Alternatives to detention | 43,889 | 55,791 | 63,000 | +19,111 | +7,209 |
| Emergency appropriations | 10,000 | --- | --- | -10,000 | --- |
| Transportation and removal | 249,126 | 281,399 | 281,399 | +32,273 | --- |
| Emergency appropriations | 33,400 | --- | --- | -33,400 | --- |
| Subtotal, Detention and removal operations | 2,381,401 | 1,987,685 | 2,481,213 | +99,812 | +493,528 |
| Comprehensive identification and removal of criminal aliens (emergency) | 200,000 | --- | --- | -200,000 | --- |
| (non-emergency) | --- | --- | 150,000 | +150,000 | +150,000 |
| Subtotal, Salaries and expenses | 4,687,517 | 4,690,905 | 4,927,210 | +239,693 | +236,305 |
| Appropriations | (4,171,117) | (4,690,905) | (4,927,210) | (+756,093) | (+236,305) |
| Emergency appropriations | (516,400) | --- | --- | (-516,400) | --- |
| Federal protective service: | | | | | |
| Basic security | 186,673 | 189,673 | 213,673 | +27,000 | +24,000 |
| Building specific security (including capital equipment replacement/acquisition) | 426,327 | 426,327 | 426,327 | --- | --- |
| Subtotal, Federal Protective Service | 613,000 | 616,000 | 640,000 | +27,000 | +24,000 |
| Offsetting fee collections | -613,000 | -616,000 | -640,000 | -27,000 | -24,000 |
| Automation modernization | 30,700 | 57,000 | 57,000 | +26,300 | --- |
| Construction | 6,000 | --- | 5,000 | -1,000 | +5,000 |
| Emergency appropriations | 10,500 | --- | --- | -10,500 | --- |
| Subtotal, Construction | 16,500 | --- | 5,000 | -11,500 | +5,000 |
| Total, Direct appropriations for U.S. Immigration Customs Enforcement | 4,734,717 | 4,747,905 | 4,989,210 | +254,493 | +241,305 |
| Fee accounts: | | | | | |
| Immigration inspection user fee | (113,500) | (119,000) | (119,000) | (+5,500) | --- |
| Breached bond/detention fund | (63,800) | (60,000) | (60,000) | (-3,800) | --- |
| Student exchange and visitor fee | (56,200) | (120,000) | (120,000) | (+63,800) | --- |
| Subtotal, fee accounts | (233,500) | (299,000) | (299,000) | (+65,500) | --- |
| Subtotal, U.S. Immigration and Customs Enforcement (gross) | (5,581,217) | (5,662,905) | (5,928,210) | (+346,993) | (+265,305) |
| Offsetting fee collections | (-613,000) | (-616,000) | (-640,000) | (-27,000) | (-24,000) |
| Total, U.S. Immigration and Customs Enforcement | (4,968,217) | (5,046,905) | (5,288,210) | (+319,993) | (+241,305) |
| Appropriations | (4,207,817) | (4,747,905) | (4,989,210) | (+781,393) | (+241,305) |
| Emergency appropriations | (526,900) | --- | --- | (-526,900) | --- |
| Fee accounts | (233,500) | (299,000) | (299,000) | (+65,500) | --- |
| Transportation Security Administration | | | | | |
| Aviation security: | | | | | |
| Screening operations: | | | | | |
| Screener workforce: | | | | | |
| Privatized screening | 143,385 | 151,272 | 151,272 | +7,887 | --- |
| Passenger & Baggage screener - personnel, compensation, and benefits | 2,636,104 | 2,716,014 | 2,716,014 | +79,910 | --- |
| Subtotal, Sceener workforce | 2,779,489 | 2,867,286 | 2,867,286 | +87,797 | --- |
| Screener training and other | 223,766 | 197,318 | 197,318 | -26,448 | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Human resource services | 182,234 | --- | --- | -182,234 | --- |
| Checkpoint support | --- | 127,683 | 250,000 | +250,000 | +122,317 |
| EDS/ETD Systems: | | | | | |
| EDS procurement and installation | 294,000 | 153,894 | 294,000 | --- | +140,106 |
| Screening technology maintenance and utilities | 264,000 | 310,625 | 305,625 | +41,625 | -5,000 |
| Operation integration | 25,000 | 21,481 | 21,481 | -3,519 | --- |
| Subtotal, EDS/ETD Systems | 583,000 | 486,000 | 621,106 | +38,106 | +135,106 |
| Subtotal, Screening operations | 3,768,489 | 3,678,287 | 3,935,710 | +167,221 | +257,423 |
| Aviation security direction and enforcement: | | | | | |
| Aviation regulation and other enforcement | 255,953 | 209,991 | 245,268 | -10,685 | +35,277 |
| Airport management and support | 651,933 | 373,010 | 401,666 | -250,267 | +28,656 |
| FFDO and flight crew training | 25,091 | --- | 25,025 | -66 | +25,025 |
| Air cargo | 73,000 | --- | 122,849 | +49,849 | +122,849 |
| Airport perimeter security | 4,000 | --- | 4,000 | --- | +4,000 |
| Law enforcement | --- | 242,247 | --- | --- | -242,247 |
| Subtotal, Aviation security direction and enforcement | 1,009,977 | 825,248 | 798,808 | -211,169 | -26,440 |
| Federal Air Marshals budget restructuring | --- | (786,000) | --- | --- | (-786,000) |
| Implementing requirements of P.L. 110-53 | 30,000 | --- | 20,000 | -10,000 | +20,000 |
| Discretionary fees: | | | | | |
| General aviation at DCA | 25 | --- | --- | -25 | --- |
| Indirect air cargo | 200 | --- | --- | -200 | --- |
| Total, Discretionary fees | 225 | --- | --- | -225 | --- |
| Fee-funded programs: | | | | | |
| General aviation at DCA | --- | (75) | (75) | (+75) | --- |
| Indirect air cargo | --- | (200) | (200) | (+200) | --- |
| Total, Fee-funded programs | --- | (275) | (275) | (+275) | --- |
| Aviation security capital fund (mandatory) | (250,000) | (250,000) | (250,000) | --- | --- |
| Aviation security capital fund enhancement (mandatory) | --- | (426,000) | --- | --- | (-426,000) |
| Checkpoint screening security fund (mandatory) | (250,000) | --- | --- | (-250,000) | --- |
| Total, Aviation security (gross) (including transfers) | 4,808,691 | 4,503,535 | 4,754,518 | -54,173 | +250,983 |
| Offsetting fee collections (non-mandatory) | -2,210,000 | -2,320,000 | -2,320,000 | -110,000 | --- |
| Discretionary fees - offsetting collections (non-mandatory) | -225 | --- | --- | +225 | --- |
| Fee-funded programs (nonadd) | --- | (-275) | (-275) | (-275) | --- |
| Total, Aviation security (net) | 2,598,466 | 2,183,535 | 2,434,518 | -163,948 | +250,983 |
| Appropriations | (2,598,466) | (2,183,535) | (2,434,518) | (-163,948) | (+250,983) |
| Aviation security capital fund | (250,000) | (250,000) | (250,000) | --- | --- |
| Recapitalization fee proposal | --- | (426,000) | --- | --- | (-426,000) |
| Checkpoint screening security fund | (250,000) | --- | --- | (-250,000) | --- |
| Surface transportation security: | | | | | |
| Staffing and operations | 24,485 | 25,397 | 24,885 | +400 | -512 |
| Rail security inspectors and canines | 22,128 | 11,603 | 24,721 | +2,593 | +13,118 |
| Subtotal, Surface transportation security | 46,613 | 37,000 | 49,606 | +2,993 | +12,606 |
| Transportation Threat Assessment and Credentialing: | | | | | |
| Secure Flight | 50,000 | 82,211 | 82,211 | +32,211 | --- |
| Crew vetting | 14,990 | --- | --- | -14,990 | --- |
| Screening administration and operations | 9,500 | --- | --- | -9,500 | --- |
| Crew and other vetting programs | --- | 50,807 | 33,807 | +33,807 | -17,000 |
| TWIC direct appropriations | 8,100 | --- | --- | -8,100 | --- |
| Registered Traveler Program fees | (35,101) | (10,000) | (10,000) | (-25,101) | --- |
| TWIC fees | (26,500) | (9,000) | (9,000) | (-17,500) | --- |
| Hazardous materials fees | (19,000) | (18,000) | (18,000) | (-1,000) | --- |
| Alien Flight School (by transfer from DOJ) - fees | (2,000) | (3,000) | (3,000) | (+1,000) | --- |
| Subtotal, Transportation Threat Assessment and Credentialing (Gross) | (165,191) | (173,018) | (156,018) | (-9,173) | (-17,000) |
| Fee funded programs | (82,601) | (40,000) | (40,000) | (-42,601) | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Subtotal, Transportation Threat Assessment and Credentialing (net) | 82,590 | 133,018 | 116,018 | +33,428 | -17,000 |
| Transportation security support: | | | | | |
| Headquarters administration | 293,191 | 213,135 | 234,870 | -58,321 | +21,735 |
| Human capital services | --- | 218,105 | 218,105 | +218,105 | --- |
| Information technology | 209,324 | 472,799 | 472,799 | +263,475 | --- |
| Intelligence | 21,000 | 21,961 | 21,961 | +961 | --- |
| Subtotal, Transportation security support | 523,515 | 926,000 | 947,735 | +424,220 | +21,735 |
| Federal Air Marshals: | | | | | |
| Management and administration | 674,173 | 693,900 | 725,081 | +50,908 | +31,181 |
| Travel and training | 95,327 | 92,100 | 94,400 | -927 | +2,300 |
| Subtotal, Federal Air Marshals | 769,500 | 786,000 | 819,481 | +49,981 | +33,481 |
| Total, Transportation Security Administration (gross) (including transfers) | 6,813,510 | 7,101,553 | 6,977,358 | +163,848 | -124,195 |
| Offsetting fee collections | (-2,210,225) | (-2,320,000) | (-2,320,000) | (-109,775) | --- |
| Aviation security capital fund | (250,000) | (250,000) | (250,000) | --- | --- |
| EDS recapitalization (mandatory) | --- | (426,000) | --- | --- | (-426,000) |
| Checkpoint screening security fund | (250,000) | --- | --- | (-250,000) | --- |
| Fee accounts | (82,601) | (40,000) | (40,000) | (-42,601) | --- |
| Total, Transportation Security Administration (net) | 4,020,684 | 4,065,553 | 4,367,358 | +346,674 | +301,805 |
| Coast Guard | | | | | |
| Operating expenses: | | | | | |
| Military pay and allowances | 2,921,673 | 3,076,837 | 3,061,663 | +139,990 | -15,174 |
| Port and maritime security enhancements (emergency) | 70,300 | --- | --- | -70,300 | --- |
| Civilian pay and benefits | 594,803 | 692,859 | 645,350 | +50,547 | -47,509 |
| Training and recruiting | 185,604 | 196,063 | 195,919 | +10,315 | -144 |
| Operating funds and unit level maintenance | 1,134,881 | 1,169,942 | 1,177,406 | +42,525 | +7,464 |
| Centrally managed accounts | 229,896 | 262,795 | 262,294 | +32,398 | -501 |
| Intermediate and depot level maintenance | 754,190 | 814,906 | 823,793 | +69,603 | +8,887 |
| Less adjustment for defense function | -340,000 | -340,000 | -340,000 | --- | --- |
| Port and maritime safety and security enhancements | --- | --- | 23,500 | +23,500 | +23,500 |
| Aviation mission hour gap | --- | --- | 5,000 | +5,000 | +5,000 |
| Defense function | 340,000 | 340,000 | 340,000 | --- | --- |
| Transfer from Defense, O&M Navy | (110,000) | --- | --- | (-110,000) | --- |
| Subtotal, Operating expenses | 6,001,347 | 6,213,402 | 6,194,925 | +193,578 | -18,477 |
| Appropriations | (5,481,047) | (5,873,402) | (5,854,925) | (+373,878) | (-18,477) |
| Emergency appropriations | (70,300) | --- | --- | (-70,300) | --- |
| By transfer | (110,000) | --- | --- | (-110,000) | --- |
| Defense function | (340,000) | (340,000) | (340,000) | --- | --- |
| Environmental compliance and restoration | 13,000 | 12,315 | 13,000 | --- | +685 |
| Reserve training | 126,883 | 130,501 | 130,501 | +3,618 | --- |
| Acquisition, construction, and improvements: | | | | | |
| Vessels: | | | | | |
| Inland river tender recapitalization | --- | 5,000 | 5,000 | +5,000 | --- |
| Response boat medium | 9,200 | 64,000 | 108,000 | +98,800 | +44,000 |
| Emergency appropriation | 35,800 | --- | --- | -35,800 | --- |
| Subtotal, Vessels | 45,000 | 69,000 | 113,000 | +68,000 | +44,000 |
| Integrated deepwater systems: | | | | | |
| Aircraft: | | | | | |
| Unmanned aircraft systems | --- | 3,000 | 3,000 | +3,000 | --- |
| Maritime Patrol Aircraft (MPA) | 170,016 | 86,600 | 86,600 | -83,416 | --- |
| HH-60 conversions | 57,300 | 52,700 | 52,700 | -4,600 | --- |
| HC-130H conversions | 18,900 | 24,500 | 24,500 | +5,600 | --- |
| HH-65 conversion project | 50,800 | 64,500 | 64,500 | +13,700 | --- |
| Armed helicopter equipment | 24,600 | --- | --- | -24,600 | --- |
| C-130J fleet introduction | 5,800 | --- | 13,250 | +7,450 | +13,250 |
| Subtotal, Aircraft | 327,416 | 231,300 | 244,550 | -82,866 | +13,250 |
| Surface ships: | | | | | |
| National Security Cutter (NSC) | 165,700 | 353,700 | 353,700 | +188,000 | --- |
| Offshore Patrol Cutter (OPC) | --- | 3,003 | 3,003 | +3,003 | --- |
| Replacement Patrol Boat (FRC-B) | --- | 115,300 | 115,300 | +115,300 | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| IDS small boats | 2,700 | 2,400 | 2,400 | -300 | --- |
| Patrol Boat sustainment | 40,500 | 30,800 | 30,800 | -9,700 | --- |
| Medium endurance cutter sustainment | 34,500 | 35,500 | 35,500 | +1,000 | --- |
| Polar Icebreaker Refurbishment | --- | --- | 30,300 | +30,300 | +30,300 |
| Subtotal, Surface ships | 243,400 | 540,703 | 571,003 | +327,603 | +30,300 |
| Technology obsolescense prevention | 700 | 1,500 | 1,500 | +800 | --- |
| C4ISR | 89,630 | 88,100 | 88,100 | -1,530 | --- |
| Logistics | 36,500 | 37,700 | 37,700 | +1,200 | --- |
| Systems engineering and management | 35,145 | 33,141 | 33,141 | -2,004 | --- |
| Government program management | 50,475 | 58,000 | 58,000 | +7,525 | --- |
| Subtotal, Integrated deepwater systems | 783,266 | 990,444 | 1,033,994 | +250,728 | +43,550 |
| Other equipment: | | | | | |
| Automatic identification system | 12,000 | 14,600 | 8,600 | -3,400 | -6,000 |
| Defense messaging system | 5,000 | 4,074 | 4,074 | -926 | --- |
| National distress and response system modernization (Rescue 21) | 80,300 | 73,000 | 73,000 | -7,300 | --- |
| HF Recapitalization | 2,500 | 2,500 | 2,500 | --- | --- |
| National Capital Region Air Defense | 11,500 | --- | --- | -11,500 | --- |
| Maritime security response team - shoothouse | 1,800 | --- | --- | -1,800 | --- |
| Interagency operational centers for port security (emergency) | 60,000 | --- | --- | -60,000 | --- |
| Command 21 | --- | 1,000 | 1,000 | +1,000 | --- |
| Subtotal, Other equipment | 173,100 | 95,174 | 89,174 | -83,926 | -6,000 |
| Shore facilities and aids to navigation | 40,997 | 50,000 | 68,000 | +27,003 | +18,000 |
| Personnel and related support: | | | | | |
| Core acquisition costs | 505 | 500 | 500 | -5 | --- |
| Direct personnel cost | 82,215 | --- | 92,330 | +10,115 | +92,330 |
| Subtotal, Personnel and related support | 82,720 | 500 | 92,830 | +10,110 | +92,330 |
| Coast Guard/DHS headquarters | --- | --- | 97,578 | +97,578 | +97,578 |
| Subtotal, Acquisition, construction, and improvements (excluding rescissions) | 1,125,083 | 1,205,118 | 1,494,576 | +369,493 | +289,458 |
| Rescission, UAV | -33,822 | --- | --- | +33,822 | --- |
| Rescission, Offshore Patrol Cutter | -98,627 | --- | --- | +98,627 | --- |
| Subtotal, Acquisition, construction, and improvements | 992,634 | 1,205,118 | 1,494,576 | +501,942 | +289,458 |
| Appropriations | (1,029,283) | (1,205,118) | (1,494,576) | (+465,293) | (+289,458) |
| Emergency appropriations | (95,800) | --- | --- | (-95,800) | --- |
| Rescissions | (-132,449) | --- | --- | (+132,449) | --- |
| Alteration of bridges | 16,000 | --- | 16,000 | --- | +16,000 |
| Research, development, test, and evaluation | 25,000 | 16,000 | 18,000 | -7,000 | +2,000 |
| Medicare-eligible retiree health care fund contribution | 272,111 | 257,305 | 257,305 | -14,806 | --- |
| Subtotal, Coast Guard discretionary | 7,336,975 | 7,834,641 | 8,124,307 | +787,332 | +289,666 |
| Retired pay (mandatory) | 1,184,720 | 1,236,745 | 1,236,745 | +52,025 | --- |
| Total, Coast Guard (including transfers) | 8,631,695 | 9,071,386 | 9,361,052 | +729,357 | +289,666 |
| Appropriations | (8,488,044) | (9,071,386) | (9,361,052) | (+873,008) | (+289,666) |
| Emergency appropriations | (166,100) | --- | --- | (-166,100) | --- |
| Rescissions | (-132,449) | --- | --- | (+132,449) | --- |
| By transfer | (110,000) | --- | --- | (-110,000) | --- |
| United States Secret Service | | | | | |
| Salaries and expenses: | | | | | |
| Protection: | | | | | |
| Protection of persons and facilities | 693,535 | 710,468 | 705,918 | +12,383 | -4,550 |
| Protective intelligence activities | 57,704 | 59,761 | 59,761 | +2,057 | --- |
| National special security events | 1,000 | 1,000 | 1,000 | --- | --- |
| Presidential candidate nominee protection | 85,250 | 41,082 | 41,082 | -44,168 | --- |
| White House mail screening | 16,201 | 36,701 | 33,701 | +17,500 | -3,000 |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Subtotal, Protection | 853,690 | 849,012 | 841,462 | -12,228 | -7,550 |
| Investigations: | | | | | |
| Domestic field operations | 219,742 | 241,772 | 241,772 | +22,030 | --- |
| International field office administration, operations | 27,520 | 28,342 | 30,000 | +2,480 | +1,658 |
| Electronic crimes special agent program and electronic crimes task forces | 44,565 | 47,836 | 51,836 | +7,271 | +4,000 |
| Support for missing and exploited children | 8,366 | 8,366 | 8,366 | --- | --- |
| Subtotal, Investigations | 300,193 | 326,316 | 331,974 | +31,781 | +5,658 |
| Administration: | | | | | |
| Headquarters, management and administration | 175,934 | 182,104 | 182,104 | +6,170 | --- |
| Training: | | | | | |
| Rowley training center | 51,954 | 53,189 | 53,189 | +1,235 | --- |
| Subtotal, Salaries and expenses | 1,381,771 | 1,410,621 | 1,408,729 | +26,958 | -1,892 |
| Acquisition, construction, improvements, and related expenses | 3,725 | 3,725 | 4,225 | +500 | +500 |
| Total, United States Secret Service | 1,385,496 | 1,414,346 | 1,412,954 | +27,458 | -1,392 |
| Total, title II, Security, Enforcement, and Investigations (including transfers) | 28,195,171 | 28,786,379 | 29,951,315 | +1,756,144 | +1,164,936 |
| Appropriations | (25,993,620) | (28,786,379) | (29,951,315) | (+3,957,695) | (+1,164,936) |
| Emergency appropriations | (2,224,000) | --- | --- | (-2,224,000) | --- |
| Rescissions | (-132,449) | --- | --- | (+132,449) | --- |
| By transfer | (110,000) | --- | --- | (-110,000) | --- |
| (Fee Accounts) | (1,701,026) | (1,787,145) | (1,787,145) | (+86,119) | --- |
| TITLE III - PROTECTION, PREPAREDNESS, RESPONSE, AND RECOVERY | | | | | |
| National Protection and Programs Directorate | | | | | |
| Management and administration: | | | | | |
| Administrative activities | 37,934 | 43,100 | 41,850 | +3,916 | -1,250 |
| Risk management and analysis | 9,412 | 9,500 | 9,500 | +88 | --- |
| Intergovernmental programs | --- | 2,000 | --- | --- | -2,000 |
| Total, Management and administration | 47,346 | 54,600 | 51,350 | +4,004 | -3,250 |
| Infrastructure Protection and Information Security: | | | | | |
| Infrastructure protection: | | | | | |
| Identification and evaluation | 69,522 | 70,603 | 80,603 | +11,081 | +10,000 |
| Coordination and information sharing | 68,821 | 52,367 | 62,367 | -6,454 | +10,000 |
| Mitigation programs | 134,253 | 149,830 | 170,830 | +36,577 | +21,000 |
| Subtotal, Infrastructure protection | 272,596 | 272,800 | 313,800 | +41,204 | +41,000 |
| National Cyber Security Division | 210,413 | --- | 313,500 | +103,087 | +313,500 |
| US Computer Emergency Response Team (US-CERT) | --- | 242,424 | --- | --- | -242,424 |
| Strategic initiatives | --- | 41,638 | --- | --- | -41,638 |
| Outreach and programs | --- | 9,438 | --- | --- | -9,438 |
| Subtotal, National Cyber Security Division | 210,413 | 293,500 | 313,500 | +103,087 | +20,000 |
| Office of Emergency Communications | 35,700 | 38,300 | 38,300 | +2,600 | --- |
| National Security/Emergency Preparedness Telecommunications: | | | | | |
| Priority telecommunications services | 82,821 | 58,740 | 58,740 | -24,081 | --- |
| Next generation networks | 21,100 | 56,000 | 50,250 | +29,150 | -5,750 |
| Programs to study and enhance telecommunications | 16,000 | 15,100 | 15,100 | -900 | --- |
| Critical infrastructure protection | 16,100 | 11,260 | 11,260 | -4,840 | --- |
| National command and coodination capability | --- | 61,000 | 5,963 | +5,963 | -55,037 |
| eLORAN | --- | 34,500 | --- | --- | -34,500 |
| Subtotal, National Security/Emergency Preparedness Telecommunications | 136,021 | 236,600 | 141,313 | +5,292 | -95,287 |
| Total, Infrastructure Protection and Information Security (Defense function) | 654,730 | 841,200 | 806,913 | +152,183 | -34,287 |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| U.S. Visitor and Immigrant Status Indicator Technology | 200,000 | 390,300 | 300,000 | +100,000 | -90,300 |
| Emergency appropriations | 275,000 | --- | --- | -275,000 | --- |
| Total, US-VISIT | 475,000 | 390,300 | 300,000 | -175,000 | -90,300 |
| Total, National Protection and Programs | 1,177,076 | 1,286,100 | 1,158,263 | -18,813 | -127,837 |
| Appropriations | (902,076) | (1,286,100) | (1,158,263) | (+256,187) | (-127,837) |
| Emergency appropriations | (275,000) | --- | --- | (-275,000) | --- |
| Office of Health Affairs | | | | | |
| BioWatch | 77,108 | 138,606 | 111,606 | +34,498 | -27,000 |
| National biosurveillence integration system | 8,000 | 8,000 | 8,000 | --- | --- |
| Rapidly deployable chemical detection system | 2,600 | 2,600 | 2,600 | --- | --- |
| Planning and coordination | 4,475 | 9,923 | 5,775 | +1,300 | -4,148 |
| Salaries and expenses | 24,317 | 29,210 | 29,210 | +4,893 | --- |
| Total, Office of Health Affairs | 116,500 | 188,339 | 157,191 | +40,691 | -31,148 |
| Federal Emergency Management Agency | | | | | |
| Management and administration: | | | | | |
| Operating activities | 625,500 | --- | 798,595 | +173,095 | +798,595 |
| Operations activities | --- | 515,881 | --- | --- | -515,881 |
| Management activities | --- | 369,269 | --- | --- | -369,269 |
| (Defense function) | (88,930) | (294,000) | (94,059) | (+5,129) | (-199,941) |
| Urban search and rescue response system | 32,500 | 25,000 | 32,500 | --- | +7,500 |
| Office of National Capitol Region Coordination | 6,000 | 6,342 | 6,342 | +342 | --- |
| U.S. Fire Administration | --- | 40,913 | --- | --- | -40,913 |
| (transfer from Disaster relief) | (60,000) | --- | (105,600) | (+45,600) | (+105,600) |
| Budget amendment reduction | --- | -989 | --- | --- | +989 |
| Subtotal, Management and administration (including transfers) | 724,000 | 956,416 | 943,037 | +219,037 | -13,379 |
| Appropriations | (664,000) | (956,416) | (837,437) | (+173,437) | (-118,979) |
| by transfer | (60,000) | --- | (105,600) | (+45,600) | (+105,600) |
| (Non-defense appropriations) | (575,070) | (662,416) | (743,378) | (+168,308) | (+80,962) |
| (Defense appropriations) | (88,930) | (294,000) | (94,059) | (+5,129) | (-199,941) |
| State and Local Programs: | | | | | |
| State Homeland Security Grant Program | 890,000 | 173,000 | 890,000 | --- | +717,000 |
| Operation Stonegarden | --- | --- | 60,000 | +60,000 | +60,000 |
| Emergency appropriations | 60,000 | --- | --- | -60,000 | --- |
| Subtotal, State Homeland Security Grant Program | 950,000 | 173,000 | 950,000 | --- | +777,000 |
| Urban area security initiative | 820,000 | 825,000 | 837,500 | +17,500 | +12,500 |
| Regional catastrophic preparedness grants | 35,000 | --- | 35,000 | --- | +35,000 |
| Metropolitan Medical Response System | 41,000 | --- | 41,000 | --- | +41,000 |
| Citizen Corps program | 15,000 | 15,000 | 15,000 | --- | --- |
| Public transportation security assistance and railroad security assistance | 400,000 | 175,000 | 400,000 | --- | +225,000 |
| Port security grants | 400,000 | 210,000 | 400,000 | --- | +190,000 |
| Over-the-road bus security assistance | 11,500 | 12,000 | 12,000 | +500 | --- |
| Trucking industry security grants | 16,000 | 8,000 | 8,000 | -8,000 | --- |
| Buffer Zone Protection Program grants | 50,000 | --- | 50,000 | --- | +50,000 |
| National Security and Terrorism Prevention Grants | --- | 110,000 | --- | --- | -110,000 |
| Commercial equipment direct assistance program | 25,000 | --- | 8,000 | -17,000 | +8,000 |
| Interoperable emergency communications grant program | 50,000 | --- | 50,000 | --- | +50,000 |
| Emergency Operations Centers | 15,000 | --- | 35,000 | +20,000 | +35,000 |
| Emergency appropriations | 50,000 | --- | --- | -50,000 | --- |
| National Programs: | | | | | |
| Center for Domestic Preparedness | 57,000 | 47,000 | 57,000 | --- | +10,000 |
| Noble Training Center | 5,500 | --- | 5,500 | --- | +5,500 |
| National Domestic Preparedness Consortium | 88,000 | 32,000 | 102,000 | +14,000 | +70,000 |
| Counterterrorism and Cyber Crime Center | --- | --- | 1,700 | +1,700 | +1,700 |
| National exercise program | 50,000 | 40,000 | 40,000 | -10,000 | --- |
| Technical assistance | 12,000 | 10,000 | 11,000 | -1,000 | +1,000 |
| Demonstration training grants | 28,000 | --- | --- | -28,000 | --- |
| Continuing training grants | 31,000 | --- | 31,000 | --- | +31,000 |
| Evaluations and assessments | 19,000 | 16,000 | 16,000 | -3,000 | --- |
| Rural Domestic Preparedness Consortium | 8,800 | --- | --- | -8,800 | --- |
| Subtotal, National Programs | 299,300 | 145,000 | 264,200 | -35,100 | +119,200 |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Emergency management performance grants | --- | 200,000 | --- | --- | -200,000 |
| Subtotal, State and Local Programs | 3,177,800 | 1,873,000 | 3,105,700 | -72,100 | +1,232,700 |
| Appropriations | (3,067,800) | (1,873,000) | (3,105,700) | (+37,900) | (+1,232,700) |
| Emergency appropriations | (110,000) | --- | --- | (-110,000) | --- |
| Firefighter assistance grants: | | | | | |
| Fire grants | 560,000 | 300,000 | 565,000 | +5,000 | +265,000 |
| Staffing for Adequate Fire and Emergency Response (SAFER) Act grants | 190,000 | --- | 210,000 | +20,000 | +210,000 |
| Subtotal, Firefighter assistance grants | 750,000 | 300,000 | 775,000 | +25,000 | +475,000 |
| Emergency management performance grants | 300,000 | --- | 315,000 | +15,000 | +315,000 |
| Subtotal, Grants and training | 4,227,800 | 2,173,000 | 4,195,700 | -32,100 | +2,022,700 |
| Appropriations | (4,117,800) | (2,173,000) | (4,195,700) | (+77,900) | (+2,022,700) |
| Emergency appropriations | (110,000) | --- | --- | (-110,000) | --- |
| Radiological Emergency Preparedness Program | -505 | -1,000 | -505 | --- | +495 |
| United States Fire Administration | 43,300 | --- | 44,979 | +1,679 | +44,979 |
| Disaster relief | 1,400,000 | 1,900,000 | 1,400,000 | --- | -500,000 |
| (transfer to Management and Administration) | (-60,000) | --- | (-105,600) | (-45,600) | (-105,600) |
| (transfer to Inspector General) | (-16,000) | --- | (-16,000) | --- | (-16,000) |
| Supplemental Appropriations - P.L. 110-116 Emergency appropriations (previously enacted) | (2,900,000) | --- | --- | (-2,900,000) | --- |
| Subtotal, Disaster Relief | 4,224,000 | 1,900,000 | 1,278,400 | -2,945,600 | -621,600 |
| Disaster readiness and support | --- | 200,000 | --- | --- | -200,000 |
| Disaster assistance direct loan program account: | | | | | |
| (Limitation on direct loans) | (25,000) | (25,000) | (25,000) | --- | --- |
| Direct loan subsidy | 295 | 295 | 295 | --- | --- |
| Administrative expenses | 580 | --- | --- | -580 | --- |
| Flood map modernization fund | 220,000 | 150,000 | 220,000 | --- | +70,000 |
| National flood insurance fund: | | | | | |
| Salaries and expenses | 45,642 | 49,418 | 49,418 | +3,776 | --- |
| Flood plain management and flood mapping | 99,358 | 107,181 | 107,181 | +7,823 | --- |
| Offsetting fee collections | -145,000 | -156,599 | -156,599 | -11,599 | --- |
| Transfer to National flood mitigation fund | (-34,000) | --- | --- | (+34,000) | --- |
| National flood mitigation fund (by transfer) | (34,000) | --- | --- | (-34,000) | --- |
| National predisaster mitigation fund | 114,000 | 75,000 | 90,000 | -24,000 | +15,000 |
| Emergency food and shelter | 153,000 | 100,000 | 200,000 | +47,000 | +100,000 |
| Cerro Grande Fire Payments (rescission) | --- | -9,000 | -9,000 | -9,000 | --- |
| Total, Federal Emergency Management Agency (including transfers) | 9,706,470 | 5,544,711 | 6,962,906 | -2,743,564 | +1,418,195 |
| Appropriations | (6,712,470) | (5,553,711) | (6,987,906) | (+275,436) | (+1,434,195) |
| Emergency appropriations | (110,000) | --- | --- | (-110,000) | --- |
| Rescissions | --- | (-9,000) | (-9,000) | (-9,000) | --- |
| Enacted emergency appropriations | (2,900,000) | --- | --- | (-2,900,000) | --- |
| by transfer | (94,000) | --- | (105,600) | (+11,600) | (+105,600) |
| transfer out | (-110,000) | --- | (-121,600) | (-11,600) | (-121,600) |
| (Limitation on direct loans) | (25,000) | (25,000) | (25,000) | --- | --- |
| Total, title III, Protection, Preparedness, Response and Recovery Directorate | 11,000,046 | 7,019,150 | 8,278,360 | -2,721,686 | +1,259,210 |
| Appropriations | (7,731,046) | (7,028,150) | (8,303,360) | (+572,314) | (+1,275,210) |
| Emergency appropriations | (385,000) | --- | --- | (-385,000) | --- |
| Rescissions | --- | (-9,000) | (-9,000) | (-9,000) | --- |
| Enacted emergency appropriations | (2,900,000) | --- | --- | (-2,900,000) | --- |
| By transfer | (94,000) | --- | (105,600) | (+11,600) | (+105,600) |
| Transfer out | (-110,000) | --- | (-121,600) | (-11,600) | (-121,600) |
| (Limitation on direct loans) | (25,000) | (25,000) | (25,000) | --- | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| TITLE IV - RESEARCH AND DEVELOPMENT, TRAINING, AND SERVICES | | | | | |
| United States Citizenship and Immigration Services | | | | | |
| Appropriations: | | | | | |
| E-Verify | --- | 100,000 | 100,000 | +100,000 | --- |
| Emergency appropriations | 60,000 | --- | --- | -60,000 | --- |
| FBI background checks (emergency appropriations) | 20,000 | --- | --- | -20,000 | --- |
| Benefit parole programs | 523 | 540 | 540 | +17 | --- |
| Citizenship education grants | 450 | --- | 1,200 | +750 | +1,200 |
| REAL ID Act implementation | --- | 50,000 | --- | --- | -50,000 |
| Subtotal, Regular and emergency appropriations | 80,973 | 150,540 | 101,740 | +20,767 | -48,800 |
| Appropriations | (973) | (150,540) | (101,740) | (+100,767) | (-48,800) |
| Emergency appropriations | (80,000) | --- | --- | (-80,000) | --- |
| Adjudication services (fee account): | | | | | |
| Pay and benefits | (758,091) | (780,076) | (780,076) | (+21,985) | --- |
| District operations | (546,413) | (535,156) | (535,156) | (-11,257) | --- |
| Service center operations | (352,866) | (345,890) | (345,890) | (-6,976) | --- |
| Asylum, refugee and international operations | (94,561) | (92,602) | (92,602) | (-1,959) | --- |
| Records operations | (87,739) | (85,946) | (85,946) | (-1,793) | --- |
| Business transformation | (139,000) | (139,000) | (139,000) | --- | --- |
| Subtotal, Adjudication services | (1,978,670) | (1,978,670) | (1,978,670) | --- | --- |
| Information and customer services (fee account): | | | | | |
| Pay and benefits | (89,977) | (92,587) | (92,587) | (+2,610) | --- |
| Operating expenses: | | | | | |
| National Customer Service Center | (55,600) | (53,747) | (53,747) | (-1,853) | --- |
| Information services | (22,222) | (21,465) | (21,465) | (-757) | --- |
| Subtotal, Information and customer services | (167,799) | (167,799) | (167,799) | --- | --- |
| Administration (fee account): | | | | | |
| Pay and benefits | (86,245) | (88,746) | (88,746) | (+2,501) | --- |
| Operating expenses | (287,654) | (285,153) | (285,153) | (-2,501) | --- |
| Subtotal, Administration | (373,899) | (373,899) | (373,899) | --- | --- |
| Systematic Alien Verification for Entitlements (SAVE) (fee accounts) | (18,504) | (18,818) | (18,818) | (+314) | --- |
| Total, United States Citizenship and Immigration Services | (2,619,845) | (2,689,726) | (2,640,926) | (+21,081) | (-48,800) |
| Appropriations | (973) | (150,540) | (101,740) | (+100,767) | (-48,800) |
| Emergency appropriations | (80,000) | --- | --- | (-80,000) | --- |
| Total Fees | (2,538,872) | (2,539,186) | (2,539,186) | (+314) | --- |
| (Immigration Examination Fees) | (2,494,872) | (2,495,186) | (2,495,186) | (+314) | --- |
| (Fraud prevention and detection fees) | (31,000) | (31,000) | (31,000) | --- | --- |
| (H1B Non-Immigrant Petitioner fees) | (13,000) | (13,000) | (13,000) | --- | --- |
| Federal Law Enforcement Training Center | | | | | |
| Salaries and expenses: | | | | | |
| Law enforcement training | 219,786 | 230,670 | 245,240 | +25,454 | +14,570 |
| Emergency appropriations | 17,000 | --- | --- | -17,000 | --- |
| Accreditation | 1,290 | --- | 1,290 | --- | +1,290 |
| Subtotal, Salaries and expenses | 238,076 | 230,670 | 246,530 | +8,454 | +15,860 |
| Appropriations | (221,076) | (230,670) | (246,530) | (+25,454) | (+15,860) |
| Emergency appropriations | (17,000) | --- | --- | (-17,000) | --- |
| Acquisitions, construction, improvements, and related expenses: | | | | | |
| Direct appropriation | 46,590 | 43,456 | 86,456 | +39,866 | +43,000 |
| Construction (emergency) | 4,000 | --- | --- | -4,000 | --- |
| Subtotal | 50,590 | 43,456 | 86,456 | +35,866 | +43,000 |
| Appropriations | (46,590) | (43,456) | (86,456) | (+39,866) | (+43,000) |
| Emergency appropriations | (4,000) | --- | --- | (-4,000) | --- |
| Total, Federal Law Enforcement Training Center | 288,666 | 274,126 | 332,986 | +44,320 | +58,860 |
| Appropriations | (267,666) | (274,126) | (332,986) | (+65,320) | (+58,860) |
| Emergency appropriations | (21,000) | --- | --- | (-21,000) | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Science and Technology | | | | | |
| Management and administration | 138,600 | 132,100 | 132,100 | -6,500 | --- |
| Research, development, acquisition, and operations: | | | | | |
| Border and maritime security | 25,479 | 35,300 | 33,050 | +7,571 | -2,250 |
| Chemical and biological | 208,020 | 200,408 | 200,408 | -7,612 | --- |
| Command, control, and interoperability | 56,980 | 62,390 | 74,890 | +17,910 | +12,500 |
| Explosives | 77,654 | 96,149 | 96,149 | +18,495 | --- |
| Human factors | 14,206 | 12,460 | 12,460 | -1,746 | --- |
| Infrastructure and geophysical | 64,500 | 37,816 | 75,816 | +11,316 | +38,000 |
| Innovation | 33,000 | 45,000 | 33,000 | --- | -12,000 |
| Laboratory facilities | 103,814 | 146,940 | 161,940 | +58,126 | +15,000 |
| Test and evaluations/standards | 28,520 | 24,674 | 28,674 | +154 | +4,000 |
| Transition | 25,265 | 31,830 | 28,830 | +3,565 | -3,000 |
| University programs | 49,297 | 43,770 | 50,270 | +973 | +6,500 |
| Homeland Security Institute | 5,000 | --- | 5,000 | --- | +5,000 |
| Subtotal, Research, development, acquisition, and operations | 691,735 | 736,737 | 800,487 | +108,752 | +63,750 |
| (Non-defense appropriations) | (516,735) | (736,737) | (800,487) | (+283,752) | (+63,750) |
| (Defense appropriations) | (175,000) | --- | --- | (-175,000) | --- |
| Total, Science and Technology | 830,335 | 868,837 | 932,587 | +102,252 | +63,750 |
| Domestic Nuclear Detection Office | | | | | |
| Management and administration | 31,500 | 38,900 | 37,500 | +6,000 | -1,400 |
| Research, development, and operations: | | | | | |
| Systems engineering and architecture | 22,400 | 25,147 | 25,147 | +2,747 | --- |
| Systems development | 118,100 | 108,100 | 108,100 | -10,000 | --- |
| Transformational research and development | 96,000 | 113,300 | 103,300 | +7,300 | -10,000 |
| Assessments | 37,500 | 32,000 | 32,000 | -5,500 | --- |
| Operations support | 34,500 | 37,753 | 37,753 | +3,253 | --- |
| National Technical Nuclear Forensics Center | 15,000 | 17,900 | 16,900 | +1,900 | -1,000 |
| Research, development, and operations | 323,500 | 334,200 | 323,200 | -300 | -11,000 |
| Systems acquisition: | | | | | |
| Radiation Portal Monitor Program | 90,000 | 157,700 | 120,491 | +30,491 | -37,209 |
| Securing the Cities | 30,000 | 20,000 | 20,000 | -10,000 | --- |
| Human Portable Radiation Detection Systems Program | 9,750 | 13,000 | 13,000 | +3,250 | --- |
| Subtotal, Systems acquisition | 129,750 | 190,700 | 153,491 | +23,741 | -37,209 |
| Total, Domestic Nuclear Detection Office | 484,750 | 563,800 | 514,191 | +29,441 | -49,609 |
| Total, title IV, Research and Development, Training, and Services (including transfers) | 1,684,724 | 1,857,303 | 1,881,504 | +196,780 | +24,201 |
| Appropriations | (1,583,724) | (1,857,303) | (1,881,504) | (+297,780) | (+24,201) |
| Emergency appropriations | (101,000) | --- | --- | (-101,000) | --- |
| (Fee Accounts) | (2,538,872) | (2,539,186) | (2,539,186) | (+314) | --- |
| TITLE V - GENERAL PROVISIONS | | | | | |
| Rescission of unobligated balances | -59,287 | --- | --- | +59,287 | --- |
| Rescission of recovered laspsed balances | -28,833 | --- | --- | +28,833 | --- |
| Rescission, Counter Terrorism Fund | -8,480 | --- | --- | +8,480 | --- |
| USM/OSEM management efficiencies | -5,000 | --- | --- | +5,000 | --- |
| Sec. 573: Rescission of emergency appropriation | -20,000 | --- | --- | +20,000 | --- |
| Sec. 573: Appropriation (emergency) | 20,000 | --- | --- | -20,000 | --- |
| Sec. 547: REAL ID Grants | --- | --- | 50,000 | +50,000 | +50,000 |
| Sec. 547: REAL ID Information Sharing and Verification System | --- | --- | 50,000 | +50,000 | +50,000 |
| Sec. 549: Rescission, TSA undistributed carryover | -4,500 | --- | -31,000 | -26,500 | -31,000 |
| Sec. 550: Rescission of unobligated balances, A&O | --- | --- | -21,373 | -21,373 | -21,373 |
| Sec. 551: Rescission of unobligated balances, Coast Guard AC&I | --- | --- | -20,000 | -20,000 | -20,000 |
| Total, title V, General Provisions | -106,100 | --- | 27,627 | +133,727 | +27,627 |
| Grand total | 38,746,643 | 38,849,658 | 41,225,245 | +2,478,602 | +2,375,587 |
| Appropriations | (36,283,892) | (38,858,658) | (41,306,618) | (+5,022,726) | (+2,447,960) |
| (Discretionary) | (35,099,172) | (37,621,913) | (40,069,873) | (+4,970,701) | (+2,447,960) |
| (Mandatory) | (1,184,720) | (1,236,745) | (1,236,745) | (+52,025) | --- |

DEPARTMENT OF HOMELAND SECURITY APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Final Bill vs. Enacted | Final Bill vs. Request |
|---|---|---|---|---|---|
| Emergency appropriations | (2,710,000) | --- | --- | (-2,710,000) | --- |
| Rescissions | (-247,249) | (-9,000) | (-81,373) | (+165,876) | (-72,373) |
| Fee funded programs | (4,239,898) | (4,326,331) | (4,326,331) | (+86,433) | --- |
| (Enacted emergency appropriations) | (2,900,000) | --- | --- | (-2,900,000) | --- |
| (Limitation on direct loans) | (25,000) | (25,000) | (25,000) | --- | --- |
| (Transfer out) | (-110,000) | --- | (-121,600) | (-11,600) | (-121,600) |
| (By transfer) | (220,000) | --- | (121,600) | (-98,400) | (+121,600) |

DIVISION E—MILITARY CONSTRUCTION AND VETERANS AFFAIRS AND RELATED AGENCIES APPROPRIATIONS ACT, 2009

Following is an explanation of the effect of this division, which makes appropriations for military construction, the Department of Veterans Affairs, and related agencies for the fiscal year 2009. As provided in section 4 of the consolidated bill, this explanatory statement shall have the same effect with respect to the allocation of funds and implementation of this division as if it were a joint explanatory statement of a committee of conference.

*Matters Addressed by Only One Committee.*—The language and allocations set forth in House Report 110–775 and Senate Report 110–428 should be complied with unless specifically addressed to the contrary in the bill and this explanatory statement. Report language included by the House, which is not changed by the report of the Senate or this explanatory statement, and Senate report language, which is not changed by this explanatory statement, is approved by the Appropriations Committees of both Houses of Congress. This explanatory statement, while repeating some report language for emphasis, does not intend to negate the language referred to above unless expressly provided herein. In cases where the House or the Senate has directed the submission of a report, such report is to be submitted to both Houses of Congress.

TITLE I

DEPARTMENT OF DEFENSE

ITEMS OF GENERAL INTEREST

*Incrementally Funded Projects.*—The Appropriations Committees note that the Administration requested several large military construction projects that can be incrementally funded, but were instead submitted as large single-year requests, in accordance with a directive from the Office of Management and Budget to the Department of Defense to severely restrict the use of incremental funding for military construction. The Committees have previously notified the Administration that they reserve the prerogative to provide incremental funding where appropriate, in accordance with authorizing legislation. The Appropriations Committees continue to believe that military construction projects should be fully funded or separated into stand-alone phases when practical. In some cases, however, incremental funding makes fiscal and programmatic sense. The Appropriations Committees have therefore agreed that the following projects will be incrementally funded: Command and Battle Center, Wiesbaden, Germany; Barracks and Dining, Fort Carson, Colorado; and Barracks and Dining, Fort Stewart, Georgia. The Committees fully support the completion of these projects.

*Foreign Currency Fluctuations Account Transfers.*—The Department of Defense is directed to submit to the Committees on Appropriations of both Houses of Congress a quarterly report on the Foreign Currency Fluctuations, Construction, Defense account. This report shall specify the amount transferred to the Foreign Currency account from each military construction and family housing account, and all other accounts for which an appropriation is provided in this Act, during the preceding fiscal quarter, and the amounts transferred from the Foreign Currency account to the above accounts during the same period. This report shall be submitted no later than 30 days after the close of each fiscal quarter. In addition, the Department of Defense is directed to notify the Committees on Appropriations within seven days of transferring any amount in excess of $10,000,000 to or from the Foreign Currency account.

*Reprogramming Guidelines.*—The following reprogramming guidelines apply for all military construction and family housing projects. A project or account (including the sub-elements of an account) which has been specifically reduced by the Congress in acting on the budget request is considered to be a congressional interest item and as such, prior approval is required. Accordingly, no reprogrammings to an item specifically reduced below the threshold by the Congress are permitted, except that the Department of Defense may seek reprogrammings for appropriated increments.

The reprogramming criteria that apply to military construction projects (25 percent of the funded amount or $2,000,000, whichever is less) continue to apply to new housing construction projects and to improvements over $2,000,000. To provide the services the flexibility to proceed with construction contracts without disruption or delay, the costs associated with environmental hazard remediation such as asbestos removal, radon abatement, lead-based paint removal or abatement, and any other legislated environmental hazard remediation may be excluded, provided that such remediation requirements could not be reasonably anticipated at the time of the budget submission. This exclusion applies to projects authorized in this budget year, as well as projects authorized in prior years for which construction has not been completed. Planning and design costs associated with military construction and family housing projects may also be excluded from these guidelines.

In instances where prior approval to a reprogramming request for a project or account has been received from the Committees on Appropriations, the adjusted amount approved becomes the new base for any future increase or decrease via below-threshold reprogrammings (provided that the project or account is not a congressional interest item as defined above).

In addition to these guidelines, the services are directed to adhere to the guidance for military construction reprogrammings and notifications, including the pertinent statutory authorities contained in DOD Financial Management Regulation 7000.14–R and relevant updates and policy memoranda.

*Submission of Overdue Reports.*—The Appropriations Committees have previously expressed concern at the Department's frequent failure to comply with deadlines for submitting mandated reports. Again in 2008, a number of reports related to major Department initiatives were not delivered on time, if at all, nor was notice received from the Department as to why the reports were late or when they would be submitted. Many of these reports are planning documents, intended to demonstrate that the Department is adequately coordinating its several ongoing initiatives, such as the Global Defense Posture moves, the Grow the Force initiative, and base realignment and closure. The failure to submit these reports contributes to the Committees' concern that the Department may not have developed a thorough blueprint for some of these programs prior to execution, nor adequately considered all of the infrastructure ramifications of carrying out significant force reorganizations while conducting two wars. Reports that have been mandated by the Committees are necessary to ensure proper congressional oversight and to inform congressional decisions related to the Department's budget requests; the failure to submit them in a timely manner is unacceptable. The Secretary of Defense and the service secretaries therefore are directed to submit all reports that are currently overdue no later than 30 days after the enactment of this Act, and to assiduously comply with future reporting deadlines. In the event that a deadline is not met, the Department shall submit a written explanation for the failure to deliver the report, and an expected date of delivery, no later than 7 days after the deadline.

*Military Quality of Life Initiative.*—The Appropriations Committees include funding to provide additional quality of life facilities for military personnel and their families, continuing an initiative that began in fiscal year 2008. Through hearings, field visits, and briefings from the Department, Army and Marine Corps trainee and recruit housing, and medical treatment facilities, have been identified as priority requirements in need of greater funding. The bill therefore includes $122,200,000 for three additional Army and Marine Corps barracks projects, and $110,735,000 for additional medical treatment facility design and construction. The medical treatment facility funding will provide $57,900,000 to renovate the hospital at Camp Lejeune, which will add 7,410 marines under the Grow the Force initiative, and $52,835,000 to accelerate planning and design for a hospital replacement at Fort Bliss, which will receive four additional brigades by 2012 under Army plans for base realignment and closure and global restationing.

*Air National Guard Initiative.*—The Air National Guard has a large unfunded requirement for fire stations at flying locations, yet in the past two budget submissions, the Administration has requested no funding for Air National Guard fire stations. In congressional testimony on the fiscal year 2009 budget request, the Air Force acknowledged that it was accepting ''manageable risk'' in facilities and infrastructure funding to help finance the recapitalization of its aging air and space force. The Air National Guard military construction budget request for fiscal year 2009 was $34,374,000, a 60 percent decrease from the previous year's request. Due to the critical need for firefighting capability at Air National Guard flying locations, the bill includes $28,000,000 to expedite the construction of Air National Guard fire stations.

*Army National Guard Initiative.*—The Director of the Army National Guard has identified emerging facility requirements needed to support the growth of Army National Guard missions vital to homeland security and the ongoing war on terror, including aircraft maintenance, unit training, and interagency training. The bill includes $147,000,000 to expedite construction of facilities needed to support these emerging requirements.

MILITARY CONSTRUCTION, ARMY

(INCLUDING RESCISSIONS OF FUNDS)

The bill appropriates $4,692,648,000 for Military Construction, Army. Within this amount, the bill provides $178,685,000 for study, planning, design, architect and engineer services, and host nation support.

The bill rescinds $51,320,000 from funds previously appropriated to this account due to bid savings and cancellations as follows:

| Public Law/location | Project title | Final bill |
|---|---|---|
| PL 110–5 (FY 2007): | | |
| NC: Fort Bragg | Digital Multipurpose Range Complex. | −20,000,000 |
| Italy: Vicenza | Barracks Complex (PN 61847). | −4,980,000 |
| Italy: Vicenza | Barracks Complex (PN 62438). | −4,440,000 |
| Italy: Vicenza | Brigade Complex | −5,300,000 |
| Subtotal, PL 110–5 | | −34,720,000 |
| PL 110–161 (FY 2008): | | |
| NV: Hawthorne Army Depot. | Ground Water Treatment Plan. | −3,500,000 |
| NY: Fort Drum | Brigade Complex-Company Operations. | −6,600,000 |
| TX: Fort Bliss | Health and Dental Clinic | −6,500,000 |
| Subtotal, PL 110–161. | | −16,600,000 |

| Public Law/location | Project title | Final bill |
|---|---|---|
| Total | | −51,320,000 |

*Hatfield Gate Expansion, Fort Myer, Virginia.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $300,000 be made available for the design of this facility.

*Installation Chapel Center, Fort Campbell, Kentucky.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $630,000 be made available for the design of this facility.

*Soldier Readiness Processing Center, Fort Leonard Wood, Missouri.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $648,000 be made available for the design of this facility.

MILITARY CONSTRUCTION, NAVY AND MARINE CORPS

The bill appropriates $3,333,369,000 for Military Construction, Navy and Marine Corps. Within this amount, the bill provides $246,528,000 for study, planning, design, architect and engineer services.

*Dry Dock #3 Waterfront Support Facility, Portsmouth NSY, Maine.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,450,000 be made available for the design of this facility.

*Submarine Payloads Integration Laboratory, Newport Naval Station, Rhode Island.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $750,000 be made available for the design of this facility.

MILITARY CONSTRUCTION, AIR FORCE

(INCLUDING RESCISSION OF FUNDS)

The bill appropriates $1,117,746,000 for Military Construction, Air Force. Within this amount, the bill provides $93,436,000 for study, planning, design, architect and engineer services.

The bill rescinds $20,821,000 from funds previously appropriated to this account due to bid savings as follows:

| Public Law/location | Project title | Final bill |
|---|---|---|
| PL 110–161 (FY 2008): | | |
| AK: Elmendorf AFB | F–22A Taxiway, Taxilanes & Arm/De-Arm apron. | −12,741,000 |
| CA: Travis AFB | C–17 Road Improvements | −1,980,000 |
| FL: Tyndall AFB | Repair Airfield | −6,100,000 |
| Total | | −20,821,000 |

*Centralized Administrative Processing Center, Sheppard AFB, Texas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,314,000 be made available for the design of this facility.

*F–22A Consolidated Munitions Maintenance, Holloman AFB, New Mexico.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $495,000 be made available for the design of this facility.

*Fire and Rescue Station, Randolph AFB, Texas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $972,000 be made available for the design of this facility.

*Joint Intelligence Technical Training Facility, Goodfellow AFB, Texas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,656,000 be made available for the design of this facility.

*Logistics Readiness Center, Mountain Home AFB, Idaho.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,800,000 be made available for the design of this facility.

*Missile Service Complex, F.E. Warren AFB, Wyoming.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $810,000 be made available for the design of this facility.

*Repair Runway Pavement, Luke AFB, Arizona.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,755,000 be made available for the design of this facility.

*Security Forces Building, Phase 1, Lackland AFB, Texas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $900,000 be made available for the design of this facility.

*Student Officer Quarters, Phase 2, Laughlin AFB, Texas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,440,000 be made available for the design of this facility.

MILITARY CONSTRUCTION, DEFENSE-WIDE

(INCLUDING RESCISSION AND TRANSFER OF FUNDS)

The bill appropriates $1,695,204,000 for Military Construction, Defense-Wide. Within this amount, the bill provides $186,060,000 for study, planning, design, architect and engineer services.

The bill provides $90,000,000 for the Energy Conservation Investment Program. The Appropriations Committees strongly support the Department of Defense's efforts to promote energy conservation and investment in renewable energy resources, but believe that a more aggressive and broad-based program, with an increased emphasis on applying renewable energy resources to enhance energy security at military installations, is warranted. The Department therefore is directed to allocate the $10,000,000 in funding provided above the request for this program to planning, analysis, and design work associated with the development of multi-megawatt renewable energy and multi-building energy efficiency projects on and near military lands, with first priority given to projects that will mitigate risk to critical assets and promote energy efficiency and independence at military installations.

The bill also provides $5,000,000 for contingency construction.

The bill rescinds $3,589,000 from funds previously appropriated to this account due to a cancellation as follows:

| Public Law/location | Project title | Final bill |
|---|---|---|
| PL 108–324 (FY 2005): | | |
| VA: Oceana NAS | Bulk Fuel Storage Tank | −3,589,000 |
| Total | | −3,589,000 |

*Hospital Replacement, Fort Bliss, Texas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $52,835,000 be made available for the design of this facility.

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

(INCLUDING RESCISSION OF FUNDS)

The bill appropriates $736,317,000 for Military Construction, Army National Guard.

The bill rescinds $1,400,000 from funds previously appropriated to this account due to bid savings as follows:

| Public Law/location | Project title | Final bill |
|---|---|---|
| PL 110–161 (FY 2008): | | |
| AR: Camp Robinson | Ammunition Supply Point | −1,400,000 |
| Total | | −1,400,000 |

*Combined Support Maintenance Shop, Pittsburgh, Pennsylvania.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $3,250,000 be made available for the design of this facility.

*Combat Vehicle Training Facility, Fort Indiantown Gap, Pennsylvania.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $620,000 be made available for the design of this facility.

*Field Maintenance Shop, Las Vegas, Nevada.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $2,058,000 be made available for the design of this facility.

*Hangar 1001 Improvement, Fairchild AFB, Washington.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $766,000 be made available for the renovation of this facility.

*Infantry Platoon Battle Course, Fort Chaffee, Arkansas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $204,000 be made available for the design of this facility.

*Infrastructure Improvements, Arden Hills ATS, Minnesota.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,005,000 be made available for the design of this facility.

*Paint Booth, Northern Nevada Military Department, Nevada.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $1,500,000 be made available for the construction of this facility.

*Readiness Center Addition/Alteration, Dundalk, Maryland.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $579,000 be made available for the design of this facility.

*Readiness Center Addition/Alteration, Laredo, Texas.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $1,165,000 be made available for the construction of this facility.

*Readiness Center, Dallas Armory, Oregon.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,681,000 be made available for the design of this facility.

*Readiness Center, The Dalles, Oregon.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $682,000 be made available for the design of this facility.

*Readiness Center Addition/Alteration, Honesdale, Pennsylvania.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $504,000 be made available for the design of this facility.

*Readiness Center, York, Pennsylvania.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $880,000 be made available for the design of this facility.

*Readiness Center, Sumter, South Carolina.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $382,000 be made available for the design of this facility.

*Readiness Center, Ethan Allen Range, Vermont.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $323,000 be made available for the design of this facility.

*Readiness Center and NGB Conference Center, Fort Belvoir, Virginia.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,085,000 be made available for the design of this facility.

*Training Complex, Camp Butner, North Carolina.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,376,000 be made available for the design of this facility.

*Tri-State Armory Addition, Kenova, West Virginia.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $2,000,000 be made available for the construction of this facility.

*Westminster Zero Range, Westminster Training Site, Vermont.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $1,789,000 be made available for the construction of this facility.

MILITARY CONSTRUCTION, AIR NATIONAL GUARD

The bill appropriates $242,924,000 for Military Construction, Air National Guard.

*C–5 Taxiway Upgrades, Martinsburg Air Base, West Virginia.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $850,000 be made available for the design of this facility.

*C–130 Squadron Operations Center, Greater Peoria RAP, Illinois.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $400,000 be made available for the design of this facility.

*Combat Arms Training Simulator/Maintenance Facility, Hector Field, North Dakota.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $1,500,000 be made available for the construction of this facility.

*Combat Communications Training Complex, Springfield—Beckley Air National Guard Base, Ohio.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,100,000 be made available for the design of this facility.

*Conventional Munitions Shop, Joe Foss Field, South Dakota.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $1,900,000 be made available for the construction of this facility.

*Replace Control Tower, Quonset State AP, Rhode Island.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $600,000 be made available for the design of this facility.

*Security Gate, Rickenbacker Airport ANG Base, Ohio.*—Of the funds provided for unspecified minor construction in this account, the Appropriations Committees direct that $1,600,000 be made available for the construction of this facility.

*TFI Digital Ground Station FOC Beddown, Otis ANGB, Massachusetts.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $1,700,000 be made available for the design of this facility.

MILITARY CONSTRUCTION, ARMY RESERVE

The bill appropriates $282,607,000 for Military Construction, Army Reserve.

*Reserve Center, Bryan, Texas.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $920,000 be made available for the design of this facility.

MILITARY CONSTRUCTION, NAVY RESERVE

The bill appropriates $57,045,000 for Military Construction, Navy Reserve.

MILITARY CONSTRUCTION, AIR FORCE RESERVE

The bill appropriates $36,958,000 for Military Construction, Air Force Reserve.

*Joint Services Lodging Facility, Westover ARB, Massachusetts.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $943,000 be made available for the design of this facility.

*Joint Services Lodging Facility, Youngstown Air Reserve Station, Ohio.*—Of the funds provided for planning and design in this account, the Appropriations Committees direct that $900,000 be made available for the design of this facility.

NORTH ATLANTIC TREATY ORGANIZATION SECURITY INVESTMENT PROGRAM

The bill appropriates $230,867,000 for the North Atlantic Treaty Organization Security Investment Program.

*Notification on Delaying the Authorization or Funding of Projects.*—The Department of Defense is directed to notify the Committees on Appropriations of both Houses of Congress within 14 days of the U.S. taking action to delay temporarily the authorization of projects, or to withhold temporarily funds from previously authorized projects, due to shortfalls in U.S. obligation authority.

FAMILY HOUSING CONSTRUCTION, ARMY

The bill appropriates $646,580,000 for Family Housing Construction, Army.

FAMILY HOUSING OPERATION AND MAINTENANCE, ARMY

The bill appropriates $716,110,000 for Family Housing Operation and Maintenance, Army.

FAMILY HOUSING CONSTRUCTION, NAVY AND MARINE CORPS

The bill appropriates $380,123,000 for Family Housing Construction, Navy and Marine Corps.

FAMILY HOUSING OPERATION AND MAINTENANCE, NAVY AND MARINE CORPS

The bill appropriates $376,062,000 for Family Housing Operation and Maintenance, Navy and Marine Corps.

FAMILY HOUSING CONSTRUCTION, AIR FORCE

The bill appropriates $395,879,000 for Family Housing Construction, Air Force.

FAMILY HOUSING OPERATION AND MAINTENANCE, AIR FORCE

The bill appropriates $594,465,000 for Family Housing Operation and Maintenance, Air Force.

FAMILY HOUSING OPERATION AND MAINTENANCE, DEFENSE-WIDE

The bill appropriates $49,231,000 for Family Housing Operation and Maintenance, Defense-Wide.

DEPARTMENT OF DEFENSE FAMILY HOUSING IMPROVEMENT FUND

The bill appropriates $850,000 for the Department of Defense Family Housing Improvement Fund.

HOMEOWNERS ASSISTANCE FUND

The bill appropriates $4,500,000 for the Homeowners Assistance Fund.

CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE-WIDE

The bill appropriates $144,278,000 for Chemical Demilitarization Construction, Defense-Wide.

DEPARTMENT OF DEFENSE BASE CLOSURE ACCOUNT 1990

The bill appropriates $458,377,000 for the Department of Defense Base Closure Account 1990. The bill includes an increase of $65,000,000 above the budget request, of which $15,000,000 is provided for the Army and $50,000,000 is provided for the Navy. The Appropriations Committees direct the Army and Navy to submit an expenditure plan for the additional funds provided no later than 30 days following the enactment of this Act.

DEPARTMENT OF DEFENSE BASE CLOSURE ACCOUNT 2005

The bill appropriates $8,765,613,000 for the Department of Defense Base Closure Account 2005. The decrease from the request is a general reduction. The Appropriations Committees note that $1,749,076,000 was requested for operation and maintenance and ''other'' activities within this account, and urge the Department to first consider applying the reduction to these activities rather than to construction. The Department is directed to continue notifying the Appropriations Committees of any above-threshold cost or scope variation in projects, any cancellation of projects, or any transfer of funds among accounts and construction projects associated with the BRAC 2005 program.

ADMINISTRATIVE PROVISIONS

The bill includes section 101 limiting the use of funds under a cost-plus-a-fixed-fee contract.

The bill includes section 102 allowing the use of construction funds in this title for hire of passenger motor vehicles.

The bill includes section 103 allowing the use of construction funds in this title for advances to the Federal Highway Administration for the construction of access roads.

The bill includes section 104 prohibiting construction of new bases in the United States without a specific appropriation.

The bill includes section 105 limiting the use of funds for the purchase of land or land easements that exceed 100 percent of the value.

The bill includes section 106 prohibiting the use of funds, except funds appropriated in this title for that purpose, for family housing.

The bill includes section 107 limiting the use of minor construction funds to transfer or relocate activities.

The bill includes section 108 prohibiting the procurement of steel unless American producers, fabricators, and manufacturers have been allowed to compete.

The bill includes section 109 prohibiting the use of construction and family housing funds available to pay real property taxes in any foreign nation.

The bill includes section 110 prohibiting the use of funds to initiate a new installation overseas without prior notification.

The bill includes section 111 establishing a preference for American architectural and engineering services for overseas projects.

The bill includes section 112 establishing a preference for American contractors in certain locations.

The bill includes section 113 requiring congressional notification of military exercises where construction costs exceed $100,000.

The bill includes section 114 limiting obligations in the last two months of the fiscal year.

The bill includes section 115 allowing funds appropriated in prior years for new projects authorized during the current session of Congress.

The bill includes section 116 allowing the use of lapsed or expired funds to pay the cost of supervision for any project being completed with lapsed funds.

The bill includes section 117 allowing military construction funds to be available for five years.

The bill includes section 118 requiring an annual report on actions taken to encourage other nations to assume a greater share of the common defense burden to include a classified report option, if necessary.

The bill includes section 119 allowing the transfer of proceeds between BRAC accounts.

The bill includes section 120 allowing the transfer of funds from Family Housing Construction accounts to the Family Housing Improvement Fund.

The bill includes section 121 requiring congressional notification prior to issuing a solicitation for a contract with the private sector for family housing.

The bill includes section 122 allowing transfers to the Homeowners Assistance Fund.

The bill includes section 123 limiting the source of operation and maintenance funds for flag and general officer quarters.

The bill includes section 124 extending the availability of funds in the Ford Island Improvement Fund.

The bill includes section 125 placing limitations on the expenditure of funds for projects impacted by BRAC 2005.

The bill includes section 126 allowing the transfer of expired funds to the Foreign Currency Fluctuation, Construction, Defense account.

The bill includes section 127 prohibiting the use of funds for any action that is related to or promotes the expansion of the boundaries or size of the Pinon Canyon Maneuver Site, Colorado.

The bill includes section 128 allowing for the reprogramming of military construction funds among projects and activities.

The bill includes section 129 transferring funds to the American Battle Monuments Commission for an engineering study of the Lafayette Escadrille Memorial. This section shall not be construed to indicate the Appropriations Committees intend to provide future appropriations for the restoration, preservation, maintenance, or operation of this private memorial.

The bill includes section 130 rescinding funds from Public Law 110–5 due to the cancellation of military family housing construction at the Defense Supply Center, Richmond, Virginia.

The bill includes section 131 providing an additional $28,000,000 to the Air National Guard for a fire safety initiative.

The bill includes section 132 providing an additional $147,000,000 to the Army National Guard for an emerging requirements initiative.

## TITLE II
## DEPARTMENT OF VETERANS AFFAIRS

### ITEMS OF INTEREST

*New GI Bill implementation.*—Public Law 110–252 provided $100,000,000 for salaries and expenses and $20,000,000 for information technology to implement the ''Post–9/11 Veterans Educational Assistance Act of 2008''. The Department has testified to the Congress its intent to implement this benefit by accelerating the development of The Educational Expert System (TEES) and expect this automated system to be operational by August 1, 2009, when the Act becomes effective. The Committees are greatly concerned that the Department is relying exclusively on the success of this automation to ensure a timely, satisfactory implementation of this program. The Committees agree that veterans should be able to apply for educational benefits electronically but also want to ensure that these veterans are permitted to apply using a non-electronic method. Additionally, the Committees agree that these veterans should be able to obtain assistance from the Department of Veterans Affairs educational benefit employees for any questions or concerns that they may have when filing their application. Further, the Committees also agree that the implementation of this program should not cause the Department to lose ground in improving the timeliness of claims processing for other educational benefits. The Committees direct the Department to report within 30 days of enactment of this Act on the plan to develop and deploy TEES for this program, its contingency plan if delays preclude deployment by August 1, 2009, the process that will allow veterans to file applications by a non-electronic means, the process that will allow veterans to obtain the assistance of educational benefit employees, the metrics that the Department will use to measure veteran satisfaction with claims processing for this program, and the steps the Department will take to ensure that implementation of this benefit does not negatively impact other educational benefits programs. The Committees direct the Department to include in its quarterly status report to the Committees the progress made by the Department to meet the milestones for the implementation of TEES as presented on September 11, 2008, to the Congress, the average days to process educational benefits claims for the other educational benefits programs, the average days to process claims for this program upon implementation, and the amounts executed to implement this program including TEES. In addition, the Committees direct the Office of Inspector General to provide a quarterly report to the Committees to include a review of the Department's success in meeting project milestones, an assessment of the implementation plan, and identification of any issues that may prevent the timely, satisfactory implementation of this program.

### VETERANS BENEFITS ADMINISTRATION

#### COMPENSATION AND PENSIONS

(INCLUDING TRANSFER OF FUNDS)

The bill appropriates $43,111,681,000 for Compensation and Pensions. Of the amount provided, not more than $26,798,000 is to be transferred to General Operating Expenses, Medical Support and Compliance, and Information Technology Systems for reimbursement of necessary expenses in implementing provisions of title 38.

#### READJUSTMENT BENEFITS

The bill appropriates $3,832,944,000 for Readjustment Benefits. The amount appropriated is $746,000,000 more than the budget request and reflects the partial year cost of the Post–9/11 Veterans Educational Assistance Act of 2008, which becomes effective on August 1, 2009.

#### VETERANS INSURANCE AND INDEMNITIES

The bill appropriates $42,300,000 for Veterans Insurance and Indemnities.

#### VETERANS HOUSING BENEFIT PROGRAM FUND

The bill appropriates such sums as may be necessary for costs associated with direct and guaranteed loans for the Veterans Housing Benefit Program Fund. The bill limits obligations for direct loans to not more than $500,000 and provides that $157,210,000 shall be available for administrative expenses.

#### VOCATIONAL REHABILITATION LOANS PROGRAM ACCOUNT

(INCLUDING TRANSFER OF FUNDS)

The bill appropriates $61,000 for the cost of direct loans for the Vocational Rehabilitation Loans Program Account, plus $320,000 to be paid to the General Operating Expenses account. The bill provides for a direct loan limitation of $3,180,000.

#### NATIVE AMERICAN VETERAN HOUSING LOAN PROGRAM ACCOUNT

The bill appropriates $646,000 for administrative expenses of the Native American Veteran Housing Loan Program Account.

#### GUARANTEED TRANSITIONAL HOUSING LOANS FOR HOMELESS VETERANS PROGRAM ACCOUNT

The bill provides up to $750,000 of the funds available in General Operating Expenses and Medical Support and Compliance to carry out the Guaranteed Transitional Housing Loans for Homeless Veterans Program Account.

### VETERANS HEALTH ADMINISTRATION

*Health Care Sharing Incentive Fund.*—The bill includes language to allow a minimum of $15,000,000, to be transferred to the Health Care Sharing Incentive Fund to facilitate collaboration between the Departments of Defense and Veterans Affairs. The Appropriations Committees agree the most important area for collaboration and investment between these departments is to ensure a seamless transition for our veterans. While the Appropriations Committees do not intend to preclude the use of this fund for any joint project, the Committees strongly urge that priority for funding be given to improving the continuity of care for our veterans through joint clinics; the development of additional programs for women veterans health issues and the identification and treatment of military sexual trauma; the development of collaborative suicide prevention programs and initiatives; the development of registries for trauma, Post Traumatic Stress Disorder (PTSD) and Traumatic Brain Injury (TBI); and the development of joint clinical practice guidelines for polytrauma injury, traumatic brain injury (to include diagnostics), blast injury, mental health/PTSD, burn, and amputee patients based on evidence-based medicine.

*Priority 8 Enrollment.*—Funding has been provided within the Medical Services; Medical Support and Compliance; Medical Facilities; Construction, Minor Projects; and Information Technology Systems accounts to support increased enrollment for Priority 8 veterans whose income exceeds the current veterans means test and geographic means test income thresholds by 10 percent or less. The Secretary is directed to report to the Committees on Appropriations within 60 days of enactment of this Act on the plan to provide medical care to this segment of Priority 8 veterans.

*Innovation.*—The Appropriations Committees agree that investing in innovation is a key factor in ensuring a responsive, efficient, quality health care system and commends the Department for providing funds from the National Reserve Fund to finance innovation. The Committees believe that more can be done, however, to test and adopt innovations from the private sector and encourage the Department to increase funding for this program so that additional public/private pilot projects may be implemented in fiscal year 2009. The Committees direct the Department to report to the Committees on Appropriations of both Houses of Congress annually on the funding provided, and from which account, from the National Reserve Fund for innovation for the previous fiscal year by April 1st of each year.

*Transfer Authority.*—The bill provides the Department with below threshold transfer authority between the Medical Services and Medical Support and Compliance accounts. Transfer authority is included in order for individual medical centers to have the flexibility to address emergent needs. The Secretary is directed to include in the Department's quarterly reports an accounting, by VISN, of the utilization of this below threshold transfer authority.

#### MEDICAL SERVICES

(INCLUDING TRANSFER OF FUNDS)

The bill appropriates $30,969,903,000 for Medical Services. Of the amount provided, $1,600,000,000 is available for obligation until September 30, 2010.

The bill provides $375,000,000 to increase Priority 8 enrollment. The bill also includes an additional $133,000,000 to increase the beneficiary travel reimbursement mileage rate to 41.5 cents per mile while freezing the deductible at current levels; an additional $200,000,000 to increase fee-based services, to be allocated in a manner not subject to the Veterans Equitable Resource Allocation model; an additional $250,000,000 for a rural health initiative; an additional $12,000,000 for Vet Centers; an additional $7,000,000 for expanded outpatient services for the blind; an additional $6,900,000 for the military eye injury registry and joint DoD/VA Center of Excellence; an additional $116,000,000 for new

generation prosthetics and sensory aids; an additional $7,500,000 for Homeless Grant and Per Diem liaisons; an additional $8,000,000 to restore the Homeless Grant and Per Diem program to the fully authorized level of $130,000,000; an additional $30,000,000 for the HUD-Veterans Affairs Supportive Housing Program to address any increase in the number of vouchers authorized and directs the Department to increase the number of caseworkers as necessary to accommodate the increase in vouchers. The Department is directed to provide at least $5,000,000 for caseworkers if the Department of Housing and Urban Development creates a demonstration program to test methods of homeless prevention among the veteran population.

*Neurobehavioral Rehabilitation and Recovery*.—The Appropriations Committees strongly urge the Department to establish and expand cooperative agreements with public and private entities with neurobehavioral rehabilitation and recovery experience in the treatment of Traumatic Brain Injury (TBI) as recommended in section 1703 of Public Law 110–181.

MEDICAL SUPPORT AND COMPLIANCE

The bill appropriates $4,450,000,000 for Medical Support and Compliance. Of the amount provided, $250,000,000 is available for obligation until September 30, 2010.

*Third Party Collections*.—The Department is directed to report to the Committees on Appropriations of both Houses of Congress on the specific actions taken to improve third party collections by February 26, 2009.

MEDICAL FACILITIES

The bill appropriates $5,029,000,000 for Medical Facilities. The bill also includes language allowing $350,000,000 of the funds to be available until September 30, 2010. The bill further specifies that $300,000,000 for non-recurring maintenance shall be allocated in a manner not subject to the Veterans Equitable Resource Allocation model. The Appropriations Committees are in agreement that the funding provided above the budget request shall be used to address both facility condition assessment deficiencies and other essential requirements.

MEDICAL AND PROSTHETIC RESEARCH

The bill appropriates $510,000,000 for Medical and Prosthetic Research.

The bill restores the cut proposed in the budget request and provides additional funding for research topics most prevalent in the veteran population such as polytrauma, sensory loss, Post-Traumatic Stress Disorder, suicide prevention, and women veteran health issues.

NATIONAL CEMETERY ADMINISTRATION

The bill appropriates $230,000,000 for the National Cemetery Administration. Of the amount provided, $23,000,000 is available until September 30, 2010.

The bill includes sufficient additional funding so at least $25,000,000 can be dedicated to correct deficiencies at national cemeteries, including those identified in the 2002 Millennium Act report to Congress. In addition, the Department is directed to undertake gravesite renovation projects to replace turf, repair sunken graves, and raise, realign and clean headstones.

DEPARTMENTAL ADMINISTRATION

GENERAL OPERATING EXPENSES

The bill appropriates $1,801,867,000 for General Operating Expenses. The bill provides not less than $1,466,095,000 for the Veterans Benefits Administration, an increase of $94,342,000 to the budget request. Of the amount provided, $83,000,000 is available for obligation until September 30, 2010.

The bill also provides for a limitation on the purchase of passenger motor vehicles for use in operation by the Veterans Benefits Administration in Manila, Philippines.

*Funding Increases*.—The bill includes an increase of $102,000,000 for General Operating Expenses when compared to the President's budget request. The Appropriations Committees agree to provide $92,342,000 for the hiring of additional claims processors. It is estimated that this increase will enable the Department to hire 1,100 claims processors in addition to over 900 planned for hiring as part of the budget request. In addition, the Appropriations Committees have provided $2,000,000 for the leasing of office space to house these new employees. As the Department experiences an increase in the number of claims being filed, as well as an increase in the number of appeals, both the Board of Veterans Appeals and the Office of General Counsel will require additional personnel to handle these appeals. Therefore, the bill includes an increase of $3,838,000 for the Board of Veterans Appeals and $3,220,000 for the Office of General Counsel. The amount provided also includes an increase of $600,000 for the Office of Management.

INFORMATION TECHNOLOGY SYSTEMS

The bill appropriates $2,489,391,000 for Information Technology Systems. The bill directs the Department to submit an expenditure plan to the Committees on Appropriations of both Houses of Congress within 30 days of enactment. The bill also establishes a funding floor of $48,000,000 for the Financial and Logistics Integrated Technology Enterprise (FLITE) program.

The amount provided includes an increase of $47,325,000 when compared to the budget request. This increased amount includes $5,000,000 for IT related to additional claims processors, $2,000,000 for IT related to the eye injury registry, $35,000,000 for emergent medical center needs, and $5,325,000 increase for FLITE.

The Office of Information Technology is directed to provide an IT expenditure report to the Committees on Appropriations on a monthly basis. This report shall include a comparison to the project costs included in the base reprogramming letter submitted to the Congress, and provide an explanation for any differences in excess of $1,000,000.

OFFICE OF INSPECTOR GENERAL

The bill appropriates $87,818,000 for the Office of Inspector General. Of the amount provided, $5,000,000 is available for obligation until September 30, 2010.

The bill is $11,318,000 above the budget request for the Office of Inspector General. The additional funding includes $4,500,000 to cover the cost of undertaking a systematic review of community-based outpatient clinics, Vet Centers, and VBA regional offices. The Committees on Appropriations anticipate that the review of regional offices will include an assessment of the quality of benefit claims processing

CONSTRUCTION, MAJOR PROJECTS

The bill appropriates $923,382,000 for Construction, Major Projects.

The Department is directed to allocate $401,210,000 of this amount to projects reflected in the VA's 5–Year Capital Plan, which was transmitted as part of the Department's FY 2009 detailed budget justification. This additional funding is to be used to complete the unfunded requirements of ongoing projects and to initiate the planning, design, and construction of new projects to the extent that funding can be executed in fiscal year 2009. The Department is directed to provide the Committees on Appropriations of both Houses of Congress with a detailed list of how these funds will be allocated, within 60 days of enactment of this Act.

The bill funds the following items ($000):

| | |
|---|---|
| Veterans Health Administration: | |
| Denver, CO | 20,000 |
| Orlando, FL | 120,000 |
| San Juan, PR | 64,400 |
| Lee County, FL | 111,412 |
| St. Louis, MO | 5,000 |
| Bay Pines, FL | 17,430 |
| Advance Planning Fund | 40,000 |
| Asbestos/Contaminates Abatement | 3,000 |
| BRAC Land Acquisition | 5,000 |
| Claims Analyses | 2,000 |
| Facility Security Projects | 11,930 |
| Hazardous Waste Abatement | 2,000 |
| Judgment Fund | 10,000 |
| Sustainability and Energy | |
| Previously appropriated projects, Five-Year Capital Plan projects, and cost adjustments | 5,000 |
| | 401,210 |
| Total, Veterans Health Admin. | 818,382 |
| National Cemetery Administration: | |
| Puerto Rico National Cemetery | 33,900 |
| Massachusetts National Cemetery | 20,500 |
| Calverton, NY National Cemetery | 29,000 |
| Advance Planning Fund | 6,000 |
| NCA Land Acquisition | 5,000 |
| Sustainability and Energy | 10,600 |
| Total, National Cemetery Admin. | 105,000 |
| Total, Major Construction | 923,382 |

*Chattanooga National Cemetery*.—The Department is directed to provide a report to the Committees on Appropriations of both Houses of Congress by March 31, 2009, on the feasibility of using funds from the NCA land acquisition fund to purchase lands adjacent to the Chattanooga National Cemetery to meet the expansion needs of the facility.

CONSTRUCTION, MINOR PROJECTS

The bill appropriates $741,534,000 for Construction, Minor Projects. Of the amount provided, the Appropriations Committees agree that not less than $75,000,000 shall be used for infrastructure improvements for the National Cemetery Administration and not less than $41,300,000 shall be for minor construction for the Veterans Benefits Administration. The Appropriations Committees are in agreement that the Department shall submit an expenditure plan to the Committees on Appropriations of both Houses of Congress which specifies how the Department intends to execute the funding provided by this bill. In addition, the bill specifies that $7,000,000 shall be used for the installation of alternative fueling stations at 35 medical facility campuses.

GRANTS FOR CONSTRUCTION OF STATE EXTENDED CARE FACILITIES

The bill appropriates $175,000,000 for Grants for Construction of State Extended Care Facilities.

GRANTS FOR CONSTRUCTION OF STATE VETERANS CEMETERIES

The bill appropriates $42,000,000 for Grants for Construction of State Veterans Cemeteries.

ADMINISTRATIVE PROVISIONS

(INCLUDING TRANSFERS OF FUNDS)

The bill includes section 201 allowing for transfers among various mandatory accounts.

The bill includes section 202 allowing for the transfer of funds among the three medical accounts for the purpose of perfecting the restructuring of the Veterans Health Administration accounts.

The bill includes section 203 allowing for the use of salaries and expenses funds to be used for other authorized purposes.

The bill includes section 204 restricting the use of funds for the acquisition of land.

The bill includes section 205 limiting the use of funds in the Medical Services account to only entitled beneficiaries or unless reimbursement is made to the Department.

The bill includes section 206 allowing for the use of certain mandatory appropriations accounts for payment of prior year accrued obligations for those accounts.

The bill includes section 207 allowing for the use of appropriations available in this title to pay prior year obligations.

The bill includes section 208 allowing funds for the administration of the National Service Life Insurance Fund, the Veterans' Special Life Insurance Fund, and the United States Government Life Insurance Fund.

The bill includes section 209 allowing for the proceeds from enhanced-use leases to be obligated in the year in which the proceeds are received.

The bill includes section 210 allowing for the use of funds in this title for salaries and other administrative expenses to be used to reimburse the Office of Resolution Management and the Office of Employment Discrimination Complaint Adjudication.

The bill includes section 211 limiting the use of funds for any lease with an estimated annual rental of more than $1,000,000 unless approved by the Committees on Appropriations of both Houses of Congress.

The bill includes section 212 requiring the Secretary of the Department of Veterans Affairs to collect third-party payer information for persons treated for non-service connected disability.

The bill includes section 213 allowing for the use of enhanced-use leasing revenues for Construction, Major Projects and Construction, Minor Projects.

The bill includes section 214 allowing for the use of Medical Services funds to be used for recreational facilities and funeral expenses.

The bill includes section 215 allowing for funds deposited into the Medical Care Collections Fund to be transferred to the Medical Services account.

The bill includes section 216 allowing Alaskan veterans to use medical facilities of the Indian Health Service or tribal organizations at no additional cost to the Department of Veterans Affairs or the Indian Health Service.

The bill includes section 217 providing for the transfer of funds from the Department of Veterans Affairs Capital Asset Fund to the Construction, Major Projects and Construction, Minor Projects accounts and makes those funds available until expended.

The bill includes section 218 prohibiting the expenditure of funds to replace the current system by which VISNs select and contract for diabetes monitoring supplies and equipment.

The bill includes section 219 prohibiting the use of funds on any policy prohibiting the use of outreach or marketing to enroll new veterans.

The bill includes section 220 requiring the Secretary to submit quarterly reports on the financial status and service level status of the Veterans Health Administration. The bill includes section 221 allowing for the transfer of funds from various accounts to the Information Technology Systems account.

The bill includes section 222 providing for transfer of funds among projects within the Information Technology Systems account.

The bill includes section 223 allowing for the transfer of any prior year balances and/or credits in the Reinstated Entitlement Program for Survivors account to the Compensation and Pensions account.

The bill includes section 224 extending the effective date of section 1710 of title 38, United States Code which allows for the collection of co-payments for certain services.

The bill includes section 225 extending the effective date of section 1729 of title 38, United States Code which provides for third-party collections.

The bill includes section 226 maintaining funding for Gulf War Illness Research at levels not less than those made available in fiscal year 2008.

The bill includes section 227 authorizing the transfer of not more than $5,000,000 to the Secretary of Health and Human Services for a Graduate Psychology Education Program which directly benefits veterans.

The bill includes section 228 prohibiting any funds to be used to contract out any function performed by more than ten employees without a fair competition process.

The bill includes section 229 authorizing the lease of a major medical facility.

The bill includes section 230 limiting the amount of non-recurring maintenance funds that can be obligated during the last 2 months of the fiscal year.

The bill includes section 231 amending section 2703 of Public Law 109–234 regarding the transfer of property to the City of Gulfport, Mississippi.

The bill includes section 232 freezing the deductible of the beneficiary travel program at fiscal year 2008 levels.

The bill includes section 233 extending the effective date of section 1703 of title 38, United States Code which allows for recovery audits.

The bill includes section 234 extending the effective date of section 5317 of title 38, United States Code which provides for income verification.

## TITLE III

## RELATED AGENCIES

### AMERICAN BATTLE MONUMENTS COMMISSION

#### SALARIES AND EXPENSES

The bill appropriates $59,470,000 for Salaries and Expenses.

The Appropriations Committees agree that the increase above the budget request shall be used for capital improvements and infrastructure modernization. The Appropriations Committees agree that the Commission shall submit a report to the Committees on Appropriations of both Houses of Congress by February 27, 2009, detailing funding required to correct maintenance and infrastructure deficiencies at all cemeteries and memorials for which the Commission is responsible.

#### FOREIGN CURRENCY FLUCTUATIONS ACCOUNT

The bill appropriates such sums as necessary, estimated at $17,100,000, for the Foreign Currency Fluctuations Account.

### UNITED STATES COURT OF APPEALS FOR VETERANS CLAIMS

#### SALARIES AND EXPENSES

The bill appropriates $30,975,000 for the Salaries and Expenses account. The amount provided includes $1,700,000 for the pro bono program.

The bill includes $7,000,000 for the cost of advance planning and design associated with construction of a new Veterans Courthouse and Justice Center. The Appropriations Committees anticipate that the Court will transfer these funds to the General Services Administration for execution of the project.

### DEPARTMENT OF DEFENSE—CIVIL

### CEMETERIAL EXPENSES, ARMY

#### SALARIES AND EXPENSES

The bill appropriates $36,730,000 for Salaries and Expenses.

The Appropriations Committees agree that the increase of $5,500,000 above the budget request shall be used to continue the program to realign government-issued headstones and accelerate the Millennium project.

### ARMED FORCES RETIREMENT HOME

#### TRUST FUNDS

The bill appropriates $63,010,000 for the Armed Forces Retirement Home (AFRH). The bill further specifies that $8,025,000 shall remain available until expended for construction and renovation of the physical plants at both Washington, DC and Gulfport, MS campuses.

## TITLE IV

## GENERAL PROVISIONS

The bill includes section 401 prohibiting the obligation of funds in the Act beyond the current fiscal year unless expressly so provided.

The bill includes section 402 requiring pay raises to be absorbed within the levels appropriated in the Act.

The bill includes section 403 prohibiting the use of the funds in this Act for programs, projects or activities not in compliance with Federal law relating to risk assessment, the protection of private property rights, or unfunded mandates.

The bill includes section 404 prohibiting the use of funds in the Act to support or defeat legislation pending before Congress.

The bill includes section 405 encouraging all Departments to expand their use of ''E-Commerce''.

The bill includes section 406 prohibiting the transfer of funds to any instrumentality of the United States Government without authority from an appropriations Act.

The bill includes section 407 specifying the congressional committees that are to receive all reports and notifications.

The bill includes section 408 prohibiting the use of funds to modify the standards applicable to the determination of the entitlement of veterans to special monthly pensions.

The bill includes section 409 prohibiting the use of funds for a project or program named for a serving Member, Delegate, or Resident Commissioner of the Congress.

## DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the bill or this explanatory statement, along with the name of each Senator, House Member, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. Neither the bill nor the explanatory statement contains any limited tax benefits or limited tariff benefits as defined in the applicable House and Senate rules.

## MILITARY CONSTRUCTION

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Army | Alabama | Anniston Army Depot | Powertrain Transmission Repair Facility | $27,000,000 | The President; Senator Sessions; Senator Shelby |
| Army | Alabama | Anniston Army Depot | Small Arms Repair Shop-Depot Level | 18,000,000 | The President; Senator Sessions; Senator Shelby |
| Army NG | Alabama | Fort McClellan | Multipurpose Machine Gun Range | 3,000,000 | The President; Senator Sessions |
| Air Force | Alabama | Maxwell AFB | Air & Space Basic Course Combat Arms Trng Fac | 15,556,000 | The President; Mr. Everett; Senator Sessions; Senator Shelby |
| Army | Alabama | Anniston Army Depot | Lake Yard Railroad Interchange | 1,400,000 | Mr. Rogers, M. (AL) |
| Army | Alabama | Fort Rucker | Chapel Center | 6,800,000 | Mr. Everett |
| Army | Alabama | Redstone Arsenal | System Software Engineering Annex, Ph 3 | 16,500,000 | Senator Sessions; Senator Shelby; Mr. Cramer |
| Army | Alaska | Fort Richardson | Child Development Center | 15,000,000 | The President |
| Army | Alaska | Fort Wainwright | Barracks Complex | 63,000,000 | The President |
| Army | Alaska | Fort Wainwright | Organizational Vehicle Parking | 14,000,000 | The President |
| Army | Alaska | Fort Wainwright | Tactical Vehicle Wash Facility | 21,000,000 | The President |
| Army | Alaska | Fort Wainwright | Training Aids Support Center | 12,400,000 | The President |
| Air Force | Alaska | Elmendorf AFB | C-17 Restore Road | 2,000,000 | The President |
| Air Force | Alaska | Elmendorf AFB | F-22 Aerospace Ground Equip Shop | 7,200,000 | The President |
| Air Force | Alaska | Elmendorf AFB | F-22 Corrosion Ctrl/Lo Mx/Composite Repair Fac | 22,400,000 | The President |
| Air Force | Alaska | Elmendorf AFB | F-22 Flight Simulator | 16,400,000 | The President |
| Air Force | Alaska | Elmendorf AFB | F-22A 7 Bay Aircraft Shelter | 20,400,000 | The President |
| Air Force | Alaska | Elmendorf AFB | F-22A 8 Bay Aircraft Shelter | 22,200,000 | The President |
| Air Force | Alaska | Elmendorf AFB | F-22A Field Training Detachment | 6,600,000 | The President |
| Air Force | Alaska | Elmendorf AFB | F-22A Squadron Ops/AMU 6 Bay Hangar | 41,100,000 | The President |
| Defense-Wide | Alaska | Fort Richardson | Dental Clinic Addition/Alteration | 6,300,000 | The President |
| Army | Alaska | Fort Wainwright | Pedestrian Access Bridge Training Area | 2,950,000 | Senator Stevens |
| Army NG | Alaska | Bethel Armory | Readiness Center | 16,000,000 | Senator Stevens; Senator Murkowski; Mr. Young, D. |
| Army | Alaska | Fort Richardson | Multipurpose Machine Gun Range | 3,100,000 | Senator Stevens |
| Army | Arizona | Fort Huachuca | Unit Maintenance Facilities | 11,200,000 | The President |
| Army | Arizona | Yuma | Raw Sewage Lagoon and Oxidation Pond | 3,800,000 | The President |
| Army NG | Arizona | Camp Navajo | Readiness Center | 13,000,000 | The President |
| Army NG | Arizona | Florence | Readiness Center | 13,800,000 | The President |
| Army NG | Arizona | Papago Military Res. | Readiness Center | 24,000,000 | The President |
| Navy | Arizona | Yuma | Applied Instruction Facility (MAWTS) | 19,490,000 | The President; Senator Kyl |
| Air Force | Arizona | Luke AFB | Repair Runway Pavement | 1,755,000 | Mr. Pastor; Senator Kyl |
| Army | Arizona | Fort Huachuca | ATC Radar Operations Building | 2,000,000 | Ms. Giffords; Senator Kyl |
| Air Force | Arizona | Davis-Monthan AFB | Fire/Crash Rescue Station | 15,000,000 | Senator Kyl; Ms. Giffords |
| Army NG | Arkansas | Cabot | Readiness Center | 10,868,000 | Mr. Berry; Senator Lincoln; Senator Pryor |
| Air NG | Arkansas | Little Rock AFB | Replace Engine Shop | 4,000,000 | Senator Lincoln; Senator Pryor; Mr. Snyder |
| Army NG | Arkansas | Fort Chaffee | Infantry Platoon Battle Course | 204,000 | Senator Lincoln; Senator Pryor; Mr. Boozman |
| Army | California | Fort Irwin | Barracks Complex | 17,500,000 | The President; Senator Feinstein |
| Army | California | Fort Irwin | Military Operations Urban Terrain, Ph 3 | 22,100,000 | The President; Senator Feinstein |
| Army | California | Presidio of Monterey | General Instruction Building | 15,000,000 | The President; Senator Feinstein |
| Army | California | Sierra Army Depot | Water Treatment Plant | 12,400,000 | The President; Senator Feinstein; Senator Boxer |
| Army Reserve | California | Fort Hunter Liggett | Modified Record Fire Range | 3,950,000 | The President; Mr. Farr; Senator Feinstein |

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|---|---|---|---|---|---|
| Navy | California | Barstow | Bachelor Enlisted Quarters | 7,830,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—41 Area | 32,430,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—33 Area | 30,300,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—43 Area | 15,150,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—62 Area | 25,920,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Area 13 | 33,320,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Area 14 | 32,350,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Chappo (22 Area) | 48,640,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Del Mar (21 Area) | 33,190,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Del Mar (21 Area) | 33,440,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Horno (13 Area) | 33,790,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Horno (53 Area) | 40,660,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Las Pulgas Area | 34,340,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Pico (24 Area) | 32,870,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Pico (24 Area) | 32,260,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—San Mateo Area | 34,500,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Del Mar (21 Area) | 34,120,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—San Mateo Area | 32,550,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Bachelor Enlisted Quarters—Margarita (33 Area) | 31,170,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | BEQ—Armory, Training Facility, SOI (52 Area) | 54,730,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Consolidated Comm/Elec Maintenance & Storage | 10,050,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Corrosion Control Water Treatment Facility | 52,520,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Indoor Fitness Center | 12,230,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Infantry Training Center | 11,500,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Operations Access Points, Red Beach | 11,970,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Regimental Maintenance Complex (Phase 3) | 33,620,000 | The President; Senator Feinstein |
| Navy | California | Camp Pendleton | Special Operations Training Battle Course | 22,250,000 | The President; Senator Feinstein |
| Navy | California | El Centro | Combined Child Care and Youth Center | 8,900,000 | The President; Senator Feinstein |
| Navy | California | Miramar | Combat Training Tank Complex | 10,820,000 | The President; Senator Feinstein |
| Navy | California | Miramar | Emergency Response Station | 6,530,000 | The President; Senator Feinstein |
| Navy | California | Miramar | In-Line Fueling Station Modification | 22,930,000 | The President; Senator Feinstein |
| Navy | California | Miramar | Military Working Dog Operations Center | 4,800,000 | The President; Senator Feinstein |
| Navy | California | Miramar | MV-22 Wash Rack | 3,690,000 | The President; Senator Feinstein |
| Navy | California | North Island | Berthing Lima Conversion | 38,992,000 | The President; Senator Feinstein |
| Navy | California | North Island | Child Development Center | 14,270,000 | The President; Senator Feinstein |
| Navy | California | San Clemente Island | Bachelor Enlisted Quarters | 34,020,000 | The President; Senator Feinstein |
| Navy | California | San Diego | Recruit Reconditioning Facility | 16,790,000 | The President; Senator Feinstein |
| Navy | California | San Diego | Recruit Support Barracks | 34,430,000 | The President; Senator Feinstein |
| Navy | California | Twentynine Palms | Bachelor Enlisted Quarters | 36,470,000 | The President; Senator Feinstein |
| Navy | California | Twentynine Palms | Bachelor Enlisted Quarters | 36,280,000 | The President; Senator Feinstein |
| Navy | California | Twentynine Palms | BEQ and Parking Structure | 51,800,000 | The President; Senator Feinstein |
| Navy | California | Twentynine Palms | Combined Arms MOUT (Phase 2) | 21,000,000 | The President; Senator Feinstein |
| Navy Reserve | California | Lemoore | Marine Corps Reserve Center | 15,420,000 | The President; Senator Feinstein |
| Air Force | California | Edwards AFB | F-35 Ramp & Security Upgrade | 3,100,000 | The President; Senator Feinstein |

## MILITARY CONSTRUCTION—Continued

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Defense-Wide | California | Coronado | SOF Combat Crew Training Facility | 9,800,000 | The President; Senator Feinstein |
| Defense-Wide | California | Tracy Depot | Replace General Purpose Warehouse | 41,000,000 | The President; Senator Feinstein |
| Defense-Wide | California | Tracy Depot | Replace Truck Entrance/Control Facility | 9,300,000 | The President; Senator Feinstein |
| Navy | California | Monterey | Education Facility | 9,990,000 | Mr. Farr |
| Air Force | California | Edwards AFB | Main Base Runway Ph 4 | 6,000,000 | Mr. McKeon; Mr. McCarthy, K. |
| Navy | California | North Island | Training Pool Replacement | 6,890,000 | Ms. Davis, S. |
| Navy | California | Twentynine Palms | Lifelong Learning Center Ph 1 | 9,760,000 | Mr. Lewis, Jerry |
| Air Force | California | Travis AFB | Large Crash Rescue Station | 12,100,000 | Senator Feinstein; Senator Boxer; Ms. Tauscher |
| Navy | California | San Diego MCRD | Recruit Barracks | 43,200,000 | House Committee on Appropriations [1] |
| Army | Colorado | Fort Carson | Barracks & Dining Incr 1 | 94,000,000 | The President; Senator Allard; Senator Salazar |
| Army | Colorado | Fort Carson | Battalion Complex | 45,000,000 | The President; Senator Allard; Senator Salazar |
| Army | Colorado | Fort Carson | Brigade/Battalion HQs | 46,000,000 | The President; Senator Allard; Senator Salazar |
| Army | Colorado | Fort Carson | Company Operations Facilities | 93,000,000 | The President; Senator Allard; Senator Salazar |
| Army | Colorado | Fort Carson | Infrastructure, BCT | 69,000,000 | The President; Senator Allard; Senator Salazar |
| Army | Colorado | Fort Carson | Physical Fitness Facility | 28,000,000 | The President; Senator Allard; Senator Salazar |
| Army | Colorado | Fort Carson | Unit Maintenance Facilities | 15,000,000 | The President; Senator Allard; Senator Salazar |
| Army | Colorado | Fort Carson | Vehicle Maintenance Shops | 84,000,000 | The President; Senator Allard; Senator Salazar |
| Chem Demil | Colorado | Pueblo Depot | Ammunition Demilitarization Facility Incr 10 | 65,060,000 | The President; Senator Allard; Senator Salazar |
| Army NG | Colorado | Denver | Readiness Center | 9,000,000 | The President; Senator Allard; Senator Salazar |
| Army NG | Colorado | Grand Junction | Readiness Center | 9,000,000 | The President; Senator Allard; Senator Salazar; Mr. Salazar |
| Air Force | Colorado | U.S. Air Force Academy | Upgrade Academic Facility, Ph V | 18,000,000 | The President; Senator Allard; Senator Salazar |
| Defense-Wide | Colorado | Buckley AFB | Satellite Pharmacy | 3,000,000 | The President; Senator Allard; Senator Salazar |
| Air Force | Colorado | Peterson AFB | Land Acquisition—23 Acres | 4,900,000 | Senator Allard; Senator Salazar |
| Air NG | Colorado | Buckley AFB | Alert Crew Headquarters | 4,200,000 | Senator Allard; Senator Salazar |
| Army NG | Connecticut | Camp Rell | Regional Training Institute | 28,000,000 | The President; Mr. Courtney; Senator Dodd |
| Army NG | Connecticut | East Haven | KD Range Add/Alt | 13,800,000 | The President; Senator Dodd |
| Navy | Connecticut | New London | Pier 31 Replacement | 46,060,000 | The President; Mr. Courtney; Senator Dodd |
| Air NG | Connecticut | Bradley IAP | TFI Upgrade Engine Shop | 7,200,000 | Ms. DeLauro; Mr. Courtney; Mr. Larson; Mr. Murphy, C.; Mr. Shays |
| Navy | Connecticut | New London | Indoor Small Arms Range | 11,000,000 | Senator Dodd; Senator Lieberman |
| Army NG | Delaware | New Castle | Army Aviation Support Facility Add/Alt | 28,000,000 | The President; Senator Biden |
| Navy Reserve | Delaware | Wilmington | NOSC Portion, Armed Forces Reserve Center | 11,530,000 | The President; Senator Biden |
| Air Force | Delaware | Dover AFB | ADAL Physical Fitness Center | 19,000,000 | The President; Senator Biden; Senator Carper; Mr. Castle |
| Air NG | Delaware | New Castle County AP | TFI—Info Ops Squadron (IOS) Facility | 3,200,000 | The President; Senator Biden; Senator Carper; Mr. Castle |
| Defense-Wide | Delaware | Dover AFB | Alter Fuel Storage Tank | 3,373,000 | The President; Senator Biden |
| Air NG | Delaware | New Castle County AP | Replace C-130 Aircraft Maintenance Shops | 11,600,000 | Senator Biden; Senator Carper; Mr. Castle |
| Navy | District of Columbia | Naval Research Lab | Autonomous System Research Lab | 24,220,000 | The President |
| Army | Florida | Miami-Doral | SOUTHCOM Headquarters, Incr 2 | 81,600,000 | The President; Mr. Diaz-Balart, L.; Senator Martinez; Senator Bill Nelson |
| Army NG | Florida | Camp Blanding | Ammunition Supply Point | 12,400,000 | The President; Senator Martinez; Senator Bill Nelson |
| Navy | Florida | Jacksonville | Child Development Center | 12,890,000 | The President; Mr. Crenshaw; Senator Martinez; Senator Bill Nelson |
| Navy | Florida | Jacksonville | P-8A Integrated Training Center | 48,220,000 | The President; Senator Martinez; Senator Bill Nelson |
| Navy | Florida | Mayport | Alpha Wharf Improvements | 14,900,000 | The President; Mr. Crenshaw; Senator Martinez; Senator Bill Nelson |

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|---|---|---|---|---|---|
| Navy | Florida | Tampa | Joint Communications Squadron Facility | 29,000,000 | The President; Senator Martinez; Senator Bill Nelson |
| Air Force | Florida | Eglin AFB | F-35 Student Dormitory (144 Room) | 19,000,000 | The President; Senator Martinez; Senator Bill Nelson |
| Air Force | Florida | MacDill AFB | SOCCENT Headquarters & Commandant Facility | 21,000,000 | The President; Senator Martinez; Senator Bill Nelson |
| Defense-Wide | Florida | Eglin AFB | SOF Battalion Operations Complex | 40,000,000 | The President; Senator Martinez; Senator Bill Nelson |
| Defense-Wide | Florida | Hurlburt Field | SOF Special Tactics Group Facility | 8,900,000 | The President; Senator Martinez; Senator Bill Nelson |
| Defense-Wide | Florida | MacDill AFB | SOF Add/Alter 501B (HQ SOCOM) | 10,500,000 | The President; Senator Martinez; Senator Bill Nelson |
| Defense-Wide | Florida | Jacksonville | Replace Fuel Storage Tanks | 34,000,000 | The President; Senator Martinez; Senator Bill Nelson |
| Air Force | Florida | Tyndall AFB | 325 ACS Ops Training Complex | 11,600,000 | Mr. Boyd |
| Army NG | Florida | Camp Blanding | Regional Training Institute Ph 4 | 20,907,000 | Mr. Young, B.; Ms. Brown, C.; Mr. Stearns; Senator Martinez; Senator Bill Nelson |
| Air Force | Florida | MacDill AFB | Combat Training Facility | 5,000,000 | Ms. Castor |
| Navy | Florida | Mayport | Aircraft Refueling | 3,380,000 | Mr. Crenshaw |
| Air Force | Florida | Cape Canaveral AS | Satellite Operations Support Facility | 8,000,000 | Senator Martinez; Senator Bill Nelson; Mr. Weldon |
| Army | Georgia | Fort Benning | Automated Anti-Armor Range | 8,800,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Basic 10M-25M Firing Range 1 | 2,400,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Basic 10M-25M Firing Range 2 | 2,400,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Basic 10M-25M Firing Range 3 | 2,350,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Basic 10M-25M Firing Range 4 | 2,500,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Basic 10M-25M Firing Range 5 | 2,500,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Digital Multipurpose Training Range | 17,500,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Fire and Movement Range | 2,450,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Maintenance Shop | 42,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Modified Record Fire Range 1 | 4,900,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Modified Record Fire Range 2 | 4,900,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Modified Record Fire Range 3 | 4,500,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Range Access Road | 9,100,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Reception Station Phase 2 | 39,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Stationary Tank Range | 6,900,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Tactical Vehicle Wash Facility | 10,800,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Tracked Vehicle Drivers Course | 16,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Trainee Complex | 32,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Training Area Infrastructure—Osut Area | 16,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Training Area Infrastructure—Northern Area | 13,800,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Benning | Unit Maintenance Facilities | 27,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Barracks & Dining, Incr 1 | 41,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Brigade Complex | 30,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Brigade/Battalion HQs | 36,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Child Development Center | 20,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Company Operations Facilities | 75,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Infrastructure | 59,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Physical Fitness Facility | 22,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Shoot House | 2,300,000 | The President; Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Stewart | Vehicle Maintenance Shops | 67,000,000 | The President; Senator Chambliss; Senator Isakson |
| Army NG | Georgia | Dobbins ARB | Readiness Center | 45,000,000 | The President; Senator Chambliss; Mr. Gingrey; Senator Isakson |
| Navy | Georgia | Albany MCLB | BEQ Replacement | 15,320,000 | The President; Senator Chambliss; Senator Isakson |

## MILITARY CONSTRUCTION—Continued

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Navy Reserve | Georgia | Marietta | Marine Corps Reserve Center | 7,560,000 | The President; Senator Chambliss; Senator Isakson |
| Air Force | Georgia | Robins AFB | Aircraft Hangar | 24,100,000 | The President; Senator Chambliss; Senator Isakson |
| Defense-Wide | Georgia | Fort Benning | Consolidated Troop Medical Clinic | 3,900,000 | The President; Senator Chambliss; Senator Isakson |
| Defense-Wide | Georgia | Augusta | Regional Security Operations Center Incr IV | 100,220,000 | The President; Senator Chambliss; Senator Isakson |
| Defense-Wide | Georgia | Hunter AAF | Replace Fuel Storage Tank | 3,500,000 | The President; Senator Chambliss; Senator Isakson |
| Air NG | Georgia | Savannah CRTC | Troop Training Quarters | 7,500,000 | Mr. Barrow; Senator Chambliss; Senator Isakson |
| Navy | Georgia | Kings Bay | Add to Limited Area Reaction Force Facility | 6,130,000 | Mr. Kingston; Senator Chambliss; Senator Isakson |
| Air Force | Georgia | Robins AFB | Avionics Facility | 5,250,000 | Mr. Marshall; Senator Chambliss; Senator Isakson |
| Air Reserve | Georgia | Dobbins ARB | Construct New Control Tower | 6,450,000 | Senator Chambliss; Senator Isakson |
| Army | Georgia | Fort Gordon | AIT Complex, Phase 1 | 32,000,000 | House Committee on Appropriations [1] |
| Army | Hawaii | Schofield Barracks | Barracks | 42,000,000 | The President; Senator Inouye |
| Army | Hawaii | Schofield Barracks | Battalion Complex | 69,000,000 | The President; Senator Inouye |
| Army | Hawaii | Schofield Barracks | Battalion Complex | 27,000,000 | The President; Senator Inouye |
| Army | Hawaii | Schofield Barracks | Brigade Complex | 65,000,000 | The President; Senator Inouye |
| Army | Hawaii | Schofield Barracks | Infrastructure Expansion | 76,000,000 | The President; Senator Inouye |
| Army | Hawaii | Wahiawa | Wideband SATCOM Operations Center | 40,000,000 | The President; Senator Inouye |
| Army Reserve | Hawaii | Fort Shafter | Army Reserve Center | 19,199,000 | The President; Senator Inouye |
| Navy | Hawaii | Barking Sands | Advanced Radar Detection Laboratory | 28,900,000 | The President; Senator Inouye |
| Navy | Hawaii | Kaneohe Bay | Bachelor Enlisted Quarters | 28,200,000 | The President; Senator Inouye |
| Navy | Hawaii | Pearl Harbor | Child Development Center | 29,300,000 | The President; Senator Inouye |
| Navy | Hawaii | Pearl Harbor | Fitness Center | 45,000,000 | The President; Senator Inouye |
| Navy | Hawaii | Pearl Harbor | Joint Forces Deployment Staging Area FISC | 5,990,000 | The President; Senator Inouye |
| Navy | Hawaii | Pearl Harbor | Sub Drive-In Magnetic Silencing Facility Incr 2 | 41,088,000 | The President; Senator Inouye |
| Defense-Wide | Hawaii | Pearl Harbor | Replace Fuel Pipeline | 27,700,000 | The President; Senator Inouye |
| Army | Hawaii | Pohakuloa TA | Access Road, Ph 5 | 30,000,000 | Senator Inouye; Mr. Abercrombie; Senator Akaka |
| Army NG | Idaho | Orchard TA | Live Fire Shoot House | 1,850,000 | The President |
| Army Reserve | Idaho | Hayden Lake | Army Reserve Center/OMS/Unheated Storage | 9,580,000 | The President |
| Air Force | Idaho | Mountain Home AFB | Logistics Readiness Center | 1,800,000 | Senator Craig; Senator Crapo; Mr. Simpson |
| Navy | Illinois | Great Lakes | RTC Special Programs Barracks | 62,940,000 | The President; Senator Durbin |
| Defense-Wide | Illinois | Scott AFB | USTRANSCOM Joint Intel Operations Center | 13,977,000 | The President; Mr. Costello; Senator Durbin |
| Air NG | Illinois | Greater Peoria RAP | C-130 Squadron Operations Center | 400,000 | Mr. LaHood; Senator Durbin |
| Army NG | Illinois | Urbana Armory | Readiness Center | 16,186,000 | Senator Durbin |
| Army NG | Indiana | Camp Atterbury | Multi Purpose Machine Gun Range | 5,800,000 | The President |
| Army NG | Indiana | Lawrence | Readiness Center | 21,000,000 | The President |
| Army NG | Indiana | Muscatatuck | Combined Arms Collective Training Facility Ph 1 | 6,000,000 | Mr. Visclosky; Mr. Hill; Senator Bayh; Senator Lugar |
| Air NG | Indiana | Fort Wayne IAP | Aircraft Ready Shelters/Fuel Fill Stands | 5,600,000 | Mr. Souder |
| Army | Indiana | Crane Army Ammo Act. | Ready Service Magazine Complex | 8,300,000 | Senator Bayh; Senator Lugar |
| Army NG | Iowa | Camp Dodge | MOUT Site Add/Alt | 1,500,000 | Mr. Boswell; Senator Harkin |
| Army NG | Iowa | Davenport | Readiness Center Add/Alt | 1,550,000 | Mr. Braley; Senator Harkin |
| Air NG | Iowa | Fort Dodge | Vehicle Maintenance & Comm. Training Complex | 5,600,000 | Senator Harkin; Senator Grassley; Mr. Latham; Mr. Loebsack; Mr. King, S. |
| Army NG | Iowa | Mount Pleasant | Readiness Center Add/Alt | 1,500,000 | Mr. Loebsack; Senator Harkin |

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| Army | Kansas | Fort Riley | Battalion Complex | 38,000,000 | The President; Senator Roberts |
| Army | Kansas | Fort Riley | Brigade Complex | 79,000,000 | The President; Senator Roberts |
| Army | Kansas | Fort Riley | Commissary | 23,000,000 | The President; Senator Roberts |
| Army | Kansas | Fort Riley | Rail Siding | 15,000,000 | The President; Senator Roberts |
| Army Reserve | Kansas | Dodge City | Army Reserve Center/Land | 8,100,000 | The President; Mr. Moran, Jerry; Senator Roberts |
| Army | Kansas | Fort Leavenworth | Chapel Complex Ph 2 | 4,200,000 | Ms. Boyda; Senator Brownback |
| Army | Kansas | Fort Riley | Fire Station | 3,000,000 | Ms. Boyda; Senator Brownback; Senator Roberts |
| Air Force | Kansas | McConnell AFB | MXG Consolidation & Forward Logistics Center Ph 2 | 6,800,000 | Mr. Tiahrt; Senator Brownback |
| Air NG | Kansas | Smoky Hill ANG Range | Smoky Hill Range Support Facility | 7,100,000 | Senator Brownback; Mr. Moran, Jerry |
| Chem Demil | Kentucky | Blue Grass Depot | Ammunition Demilitarization Facility Incr 9 | 67,218,000 | The President; Senator McConnell |
| Chem Demil | Kentucky | Blue Grass Depot | Defense Access Road | 12,000,000 | The President; Senator McConnell |
| Army | Kentucky | Fort Campbell | Battalion Complex | 37,000,000 | The President; Senator McConnell |
| Army | Kentucky | Fort Campbell | Child Development Center | 8,600,000 | The President; Senator McConnell |
| Army | Kentucky | Fort Campbell | Training Support Center | 15,513,000 | The President; Senator McConnell |
| Army | Kentucky | Fort Campbell | Unit Maintenance Facilities | 47,000,000 | The President; Senator McConnell |
| Defense-Wide | Kentucky | Fort Campbell | Medical/Dental Clinic | 24,000,000 | The President; Senator McConnell |
| Defense-Wide | Kentucky | Fort Campbell | SOF Tactical Equipment Shop | 15,000,000 | The President; Senator McConnell |
| Defense-Wide | Kentucky | Fort Campbell | New Elementary School | 21,400,000 | The President; Senator McConnell |
| Army | Kentucky | Fort Campbell | School Age Services Center | 10,000,000 | Senator McConnell; Senator Bunning; Senator Alexander; Senator Corker; Mr. Wamp; Mr. Tanner; Mr. Whitfield |
| Army NG | Kentucky | London | Aviation Operations Facility Ph III | 7,191,000 | Mr. Rogers, H. |
| Army | Kentucky | Fort Campbell | Installation Chapel Center | 630,000 | Senator McConnell; Senator Bunning; Senator Alexander; Senator Corker; Mr. Wamp; Mr. Tanner; Mr. Whitfield |
| Army | Louisiana | Fort Polk | Unit Operations Facilities | 29,000,000 | The President |
| Air Force | Louisiana | Barksdale AFB | Security Forces Complex | 14,600,000 | Senator Landrieu; Senator Vitter; Mr. Alexander; Mr. McCrery |
| Army NG | Maine | Bangor | Regional Training Institute Ph 1 | 20,000,000 | The President |
| Navy | Maine | Portsmouth NSY | Dry Dock 3 Waterfront Support Facility | 1,450,000 | Mr. Allen; Ms. Shea-Porter; Senator Collins; Senator Snowe; Senator Gregg; Senator Sununu |
| Navy | Maine | Portsmouth NSY | Dry Dock 3 Waterfront Support Facility | 20,660,000 | Senator Collins; Senator Snowe; Senator Gregg; Senator Sununu; Mr. Allen; Ms. Shea-Porter |
| Navy | Maine | Portsmouth NSY | Consolidated Global Sub Component Ph 1 | 9,980,000 | Ms. Shea-Porter; Senator Collins; Senator Snowe |
| Army NG | Maryland | Edgewood | Army Aviation Support Facility Add/Alt | 28,000,000 | The President; Senator Mikulski; Senator Cardin |
| Army NG | Maryland | Salisbury | Readiness Center Add/Alt | 9,800,000 | The President; Senator Mikulski; Senator Cardin |
| Army Reserve | Maryland | Baltimore | Army Reserve Center | 11,600,000 | The President; Senator Mikulski; Senator Cardin |
| Navy | Maryland | Indian Head | Sewage Treatment Plant Upgrades | 13,930,000 | The President; Senator Cardin; Mr. Hoyer; Senator Mikulski |
| Navy | Maryland | Suitland | National Maritime Intel Center Incr | 12,439,000 | The President; Senator Mikulski; Senator Cardin |
| Air Force | Maryland | Andrews AFB | Admin Facility Addition | 28,000,000 | The President; Senator Mikulski; Senator Cardin |
| Air Force | Maryland | Andrews AFB | NCR Relocation—Admin Facility | 49,648,000 | The President; Senator Mikulski; Senator Cardin |
| Defense-Wide | Maryland | Aberdeen PG | USAMRICD Replacement, Incr I | 23,750,000 | The President; Senator Mikulski; Senator Cardin |
| Defense-Wide | Maryland | Fort Detrick | USAMRIID Stage I, Incr III | 209,000,000 | The President; Senator Mikulski; Senator Cardin |
| Defense-Wide | Maryland | Fort Meade | NSAW Campus Utility Chilled Water Backup | 19,100,000 | The President; Senator Mikulski; Senator Cardin |
| Defense-Wide | Maryland | Fort Meade | NSAW South Campus Stormwater Management System | 11,900,000 | The President; Senator Mikulski; Senator Cardin |
| Navy | Maryland | Carderock | RDTE Support Facility Ph I | 6,980,000 | Mr. Van Hollen; Senator Cardin |
| Army NG | Maryland | Dundalk | Readiness Center | 579,000 | Mr. Ruppersberger; Senator Cardin |
| Navy | Maryland | Indian Head | Energetics Systems & Tech Lab Complex Ph I | 12,050,000 | Mr. Hoyer; Senator Mikulski; Senator Cardin |
| Air NG | Maryland | Martin State Airport | Replace Fire Station | 7,900,000 | Mr. Bartlett; Mr. Ruppersberger; Mr. Sarbanes; Senator Cardin |
| Army NG | Massachusetts | Methuen | Readiness Center Add/Alt (ADRS) | 21,000,000 | The President |
| Army Reserve | Massachusetts | Fort Devens | Shoot House | 1,900,000 | The President |

## MILITARY CONSTRUCTION—Continued

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Air NG | Massachusetts | Otis ANGB | TFI Digital Ground Station FOC Beddown | 1,700,000 | Mr. Delahunt; Mr. Olver; Senator Kennedy; Senator Kerry |
| Air NG | Massachusetts | Otis ANGB | Digital Ground Station | 14,300,000 | Senator Kennedy; Senator Kerry; Mr. Delahunt; Mr. Olver |
| Air Reserve | Massachusetts | Westover ARB | Joint Service Lodging Facility | 943,000 | Mr. Olver; Mr. Neal |
| Army Reserve | Michigan | Saginaw | Army Reserve Center/Land | 11,500,000 | The President; Senator Levin; Senator Stabenow |
| Army NG | Michigan | Camp Grayling | Live Fire Shoot House | 2,000,000 | Mr. Knollenberg; Mr. Stupak; Senator Levin; Senator Stabenow |
| Army NG | Michigan | Camp Grayling | Urban Assault Course | 2,000,000 | Mr. Knollenberg; Mr. Stupak; Senator Levin; Senator Stabenow |
| Army NG | Michigan | Camp Grayling | Infantry Squad Battle Course | 2,000,000 | Senator Levin; Senator Stabenow; Mr. Knollenberg; Mr. Stupak |
| Army NG | Michigan | Camp Grayling | Barracks Replacement, Ph 1 | 16,943,000 | Senator Levin; Senator Stabenow; Mr. Knollenberg; Mr. Stupak |
| Army | Michigan | Detroit Arsenal | Access Control Point | 6,100,000 | Senator Levin; Senator Stabenow; Mr. Levin, S. |
| Army NG | Minnesota | Arden Hills | Readiness Center | 15,000,000 | The President |
| Army NG | Minnesota | Arden Hills | Infrastructure Improvements | 1,005,000 | Ms. McCollum; Senator Coleman; Senator Klobuchar |
| Air NG | Minnesota | Duluth | Replace Fuel Cell Hangar | 4,500,000 | Senator Coleman; Senator Klobuchar; Mr. Oberstar |
| Air NG | Minnesota | Minneapolis-St. Paul IAP | Aircraft Deicing Apron | 1,500,000 | Mr. Ellison; Senator Coleman; Senator Klobuchar |
| Navy | Mississippi | Gulfport | 25 Naval Construction Regiment HQ Facility | 6,900,000 | The President; Senator Wicker |
| Air Force | Mississippi | Columbus AFB | Child Development Center | 8,100,000 | The President; Senator Wicker |
| Navy | Mississippi | Gulfport | Battalion Maintenance Facility | 5,870,000 | Mr. Taylor; Senator Wicker |
| Navy | Mississippi | Meridian NAS | Fitness Center | 6,340,000 | Senator Cochran; Senator Wicker; Mr. Pickering |
| Air Force | Mississippi | Keesler AFB | Indoor Firing Range | 6,600,000 | Senator Wicker |
| Air NG | Mississippi | Gulfport-Biloxi IAP | Relocate Munitions Storage Complex | 3,400,000 | Senator Wicker |
| Army | Missouri | Fort Leonard Wood | Training Support Center | 18,500,000 | The President |
| Army | Missouri | Fort Leonard Wood | Urban Assault Course | 2,350,000 | The President; Senator Bond |
| Army Reserve | Missouri | Weldon Springs | Army Reserve Center | 11,700,000 | The President |
| Defense-Wide | Missouri | Fort Leonard Wood | Primary Care Clinic Addition/Alteration | 22,000,000 | The President |
| Army | Missouri | Fort Leonard Wood | Wastewater Treatment Plant | 7,400,000 | Mr. Skelton |
| Air Force | Missouri | Whiteman AFB | Security Forces Animal Clinic | 4,200,000 | Mr. Skelton |
| Army | Missouri | Fort Leonard Wood | Chapel Complex | 3,500,000 | Mr. Skelton |
| Army | Missouri | Fort Leonard Wood | Mine Detection Training Facility and K-9 Kennel | 10,800,000 | Senator Bond |
| Army | Missouri | Fort Leonard Wood | Soldier Readiness Processing Center | 648,000 | Senator Bond |
| Air Force | Montana | Malmstrom AFB | Upgrade Weapons Storage Area, Ph 1 | 10,000,000 | Senator Baucus; Senator Tester |
| Army Reserve | Nevada | Las Vegas | Army Reserve Center | 33,900,000 | The President; Senator Reid |
| Air Force | Nevada | Creech AFB | UAS 432 Wing HQ Mission Support Facility | 7,000,000 | The President; Senator Reid |
| Air Force | Nevada | Creech AFB | UAS Dining Hall | 9,000,000 | The President; Senator Reid |
| Air Force | Nevada | Creech AFB | UAS Flight Simulator & Academics Facility | 9,800,000 | The President; Senator Reid |
| Air Force | Nevada | Creech AFB | UAS Main Gate/Sewer Transfer Facility/Infra. | 6,500,000 | The President; Senator Reid |
| Air Force | Nevada | Creech AFB | UAS Operations Facility | 16,200,000 | The President; Senator Reid |
| Air Force | Nevada | Nellis AFB | F-16 Aggressor Hangar/Aircraft Maintenance Unit | 30,800,000 | The President; Senator Reid |
| Air Force | Nevada | Nellis AFB | F-16 Aggressor Squadron Ops/Infrastructure | 17,500,000 | The President; Senator Reid |
| Air Force | Nevada | Nellis AFB | F-35 Airfield Pavements | 5,000,000 | The President; Senator Reid |
| Air Force | Nevada | Nellis AFB | Airfield Fire Rescue Station | 9,800,000 | Senator Reid; Senator Ensign |
| Army NG | Nevada | Elko | Readiness Center | 11,375,000 | Senator Reid; Senator Ensign; Mr. Heller |
| Army NG | Nevada | Las Vegas | Field Maintenance Shop | 2,058,000 | Senator Reid; Senator Ensign; Ms. Berkley |

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| Army NG | Nevada | N. Nevada Mil. Dept. | Paint Booth | 1,500,000 | Senator Reid |
| Army Reserve | New Jersey | Fort Dix | Modified Record Fire Range | 3,825,000 | The President; Senator Lautenberg; Senator Menendez; Mr. Saxton |
| Navy | New Jersey | Lakehurst | Advanced Arresting Gear Test Site | 15,440,000 | The President; Senator Lautenberg; Senator Menendez; Mr. Saxton |
| Air NG | New Jersey | Atlantic City IAP | Operations and Training Facility | 8,400,000 | Mr. LoBiondo; Senator Lautenberg; Senator Menendez |
| Air Force | New Jersey | McGuire AFB | Security Forces Operations Facility Ph 1 | 7,200,000 | Mr. Saxton; Senator Lautenberg; Senator Menendez |
| Army | New Jersey | Picatinny Arsenal | Ballistic Evaluation Facility Ph 1 | 9,900,000 | Mr. Frelinghuysen; Senator Lautenberg; Senator Menendez |
| Navy | New Jersey | Earle NWS | Main Gate Security Improvements | 8,160,000 | Senator Lautenberg; Senator Menendez; Mr. Smith, C. |
| Air Force | New Mexico | Holloman AFB | F-22 Alter Hangar for LO/CRF | 14,500,000 | The President; Senator Bingaman; Senator Domenici |
| Air Force | New Mexico | Holloman AFB | F-22A ADAL Aircraft Maintenance Unit | 1,050,000 | The President; Senator Bingaman; Senator Domenici |
| Air Force | New Mexico | Holloman AFB | F-22A ADAL Flight Simulator Facility | 3,150,000 | The President; Senator Bingaman; Senator Domenici |
| Air Force | New Mexico | Holloman AFB | F-22A ADAL Jet Engine Maintenance Shop | 2,150,000 | The President; Senator Bingaman; Senator Domenici |
| Air Force | New Mexico | Holloman AFB | F-22A Aerospace Ground Equipment Facility | 4,600,000 | The President; Senator Bingaman; Senator Domenici |
| Defense-Wide | New Mexico | Cannon AFB | SOF Maintenance Hangar | 18,100,000 | The President; Senator Bingaman; Senator Domenici; Mr. Udall, T. |
| Defense-Wide | New Mexico | Kirtland AFB | Replace Fuel Storage Tanks | 14,400,000 | The President; Senator Bingaman; Senator Domenici |
| Defense-Wide | New Mexico | Cannon AFB | CV-22 Flight Simulator Facility | 8,300,000 | Senator Domenici; Senator Bingaman; Mr. Udall, T. |
| Air Force | New Mexico | Holloman AFB | F-22A Consolidated Munitions Maintenance | 495,000 | Senator Domenici; Senator Bingaman |
| Army | New York | Fort Drum | Brigade Complex-Barracks | 29,000,000 | The President |
| Army | New York | Fort Drum | Brigade Complex-Barracks | 24,000,000 | The President |
| Army | New York | Fort Drum | Unit Maintenance Facilities | 37,000,000 | The President |
| Army | New York | U.S. Military Academy | Science Facility, Ph 1 | 67,000,000 | The President |
| Army NG | New York | Fort Drum | Maneuver Area Training Equipment Site Ph 3 | 11,000,000 | The President |
| Army NG | New York | Queensbury | Field Maintenance Shop | 5,900,000 | The President |
| Army Reserve | New York | Kingston | Army Reserve Center/Land | 13,494,000 | The President |
| Army Reserve | New York | Shoreham | Add/Alt Army Reserve Center | 15,031,000 | The President |
| Army Reserve | New York | Staten Island | Army Reserve Center | 18,550,000 | The President |
| Air NG | New York | Hancock Field | TFI—Reaper IOC/FOC Beddown | 5,000,000 | The President; Mr. Walsh |
| Air NG | New York | Gabreski Airport | Replace Pararescue Ops Facility Ph 2 | 7,500,000 | Mr. Ackerman; Mr. Bishop, T.; Senator Clinton; Mr. Israel; Mr. King, P.; Ms. McCarthy, C.; Senator Schumer |
| Army | New York | Fort Drum | Replace Fire Station | 6,900,000 | Mr. McHugh; Senator Schumer; Senator Clinton |
| Air Reserve | New York | Niagara Falls ARS | Dining Facility/Community Center | 9,000,000 | Ms. Slaughter; Senator Schumer; Senator Clinton |
| Air NG | New York | Hancock Field | Upgrade ASOS Facilities | 5,400,000 | Mr. Walsh |
| Army | North Carolina | Fort Bragg | Access Roads Ph 1 | 13,200,000 | The President; Senator Burr; Mr. Hayes; Mr. McIntyre |
| Army | North Carolina | Fort Bragg | Access Roads Ph 1 (Additional Funds) | 8,600,000 | Mr. Hayes; Mr. McIntyre |
| Army | North Carolina | Fort Bragg | Training Support Center | 20,500,000 | The President; Mr. Hayes |
| Army | North Carolina | Fort Bragg | Utility Upgrade (Camp Mackall) | 3,200,000 | The President; Mr. Hayes |
| Army Reserve | North Carolina | Raleigh | Army Reserve Center/Land | 25,581,000 | The President |
| Navy | North Carolina | Camp Lejeune | Bachelor Enlisted Quarters—Camp Johnson | 38,230,000 | The President |
| Navy | North Carolina | Camp Lejeune | Bachelor Enlisted Quarters—Camp Johnson | 23,760,000 | The President |
| Navy | North Carolina | Camp Lejeune | Bachelor Enlisted Quarters—French Creek | 33,960,000 | The President |
| Navy | North Carolina | Camp Lejeune | Bachelor Enlisted Quarters—Hadnot Point | 39,890,000 | The President |
| Navy | North Carolina | Camp Lejeune | Bachelor Enlisted Quarters—Hadnot Point | 39,320,000 | The President |
| Navy | North Carolina | Camp Lejeune | Bachelor Enlisted Quarters—Courthouse Bay | 35,890,000 | The President |
| Navy | North Carolina | Camp Lejeune | Bachelor Enlisted Quarters—Hadnot Point | 42,950,000 | The President |
| Navy | North Carolina | Camp Lejeune | Child Development Center | 13,960,000 | The President; Senator Burr; Senator Dole |
| Navy | North Carolina | Camp Lejeune | Consolidated Mess Hall—Hadnot Point (200 Area) | 25,000,000 | The President |

## MILITARY CONSTRUCTION—Continued

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Navy | North Carolina | Camp Lejeune | Infantry Platoon Battle Course—SR1 | 18,250,000 | The President |
| Navy | North Carolina | Camp Lejeune | Mess Hall—Hadnot Point (400 Area) | 21,660,000 | The President |
| Navy | North Carolina | Camp Lejeune | Mod K-Ranges (Phase 2) | 20,220,000 | The President |
| Navy | North Carolina | Cherry Point | 2nd MAW Command Operations Facility | 30,480,000 | The President |
| Navy | North Carolina | Cherry Point | Bachelor Enlisted Quarters | 30,100,000 | The President |
| Navy | North Carolina | Cherry Point | Engineering Product Support Facility | 16,840,000 | The President |
| Navy | North Carolina | New River | Aircraft Parking Apron Addition | 6,830,000 | The President |
| Navy | North Carolina | New River | Bachelor Enlisted Quarters | 36,740,000 | The President |
| Navy | North Carolina | New River | Bachelor Enlisted Quarters—MCAS | 25,620,000 | The President |
| Navy | North Carolina | New River | Enlisted Dining Facility | 17,090,000 | The President |
| Defense-Wide | North Carolina | Fort Bragg | SOF Expand Training Compound | 14,200,000 | The President; Mr. Hayes |
| Defense-Wide | North Carolina | Fort Bragg | SOF Headquarters Facility | 14,600,000 | The President; Mr. Hayes |
| Defense-Wide | North Carolina | Fort Bragg | SOF Security/Force Protection | 4,150,000 | The President; Mr. Hayes |
| Defense-Wide | North Carolina | Fort Bragg | SOF Training Facility | 5,300,000 | The President; Mr. Hayes |
| Defense-Wide | North Carolina | Fort Bragg | New Elementary School | 28,170,000 | The President; Mr. Hayes |
| Defense-Wide | North Carolina | Fort Bragg | New Intermediate School (Irwin) | 27,945,000 | The President; Mr. Hayes |
| Defense-Wide | North Carolina | Fort Bragg | New Middle School | 22,356,000 | The President; Mr. Hayes |
| Army NG | North Carolina | Camp Butner | Training Complex | 1,376,000 | Mr. Miller, B.; Senator Burr |
| Army | North Carolina | Fort Bragg | Mass Casualty Facility | 1,300,000 | Mr. Etheridge |
| Army | North Carolina | Fort Bragg | Chapel | 11,600,000 | Mr. McIntyre |
| Air Force | North Carolina | Seymour Johnson AFB | Consolidated Support Center | 12,200,000 | Senator Burr; Senator Dole; Mr. Butterfield |
| Defense-Wide | North Carolina | Camp Lejeune | Hospital Renovation & MRI addition | 57,900,000 | House Committee on Appropriations [1] |
| Air Force | North Dakota | Grand Forks AFB | Fire Station | 13,000,000 | Senator Dorgan; Senator Conrad; Mr. Pomeroy |
| Air NG | North Dakota | Hector Field | Combat Arms Training Simulator/Maintenance Facility | 1,500,000 | Senator Dorgan; Senator Conrad |
| Army NG | Ohio | Camp Perry | Barracks | 2,000,000 | Ms. Kaptur; Mr. Latta; Senator Brown; Senator Voinovich |
| Army NG | Ohio | Ravenna | Barracks | 2,000,000 | Mr. Ryan, T.; Ms. Sutton; Senator Brown; Senator Voinovich |
| Air NG | Ohio | Springfield-Beckley ANGB | Combat Communications Training Complex | 1,100,000 | Senator Brown; Senator Voinovich; Mr. Hobson |
| Air NG | Ohio | Springfield-Beckley ANGB | Combat Communications Training Complex | 12,800,000 | Mr. Hobson; Senator Brown; Senator Voinovich |
| Air Force | Ohio | Wright-Patterson AFB | Security Forces Operations Facility | 14,000,000 | Mr. Turner; Senator Brown; Senator Voinovich |
| Air NG | Ohio | Rickenbacker ANGB | Security Gate | 1,600,000 | Senator Brown |
| Air NG | Ohio | Youngstown ARS | Joint Services Lodging Facility | 900,000 | Senator Brown; Senator Voinovich; Mr. Ryan, T. |
| Army | Oklahoma | Fort Sill | Training Complex Upgrade | 63,000,000 | The President |
| Air Force | Oklahoma | Tinker AFB | Aircraft Maintenance Hangar | 48,600,000 | The President |
| Air Force Res | Oklahoma | Tinker AFB | AFR Scheduled Maintenance Hangar | 9,900,000 | The President |
| Defense-Wide | Oklahoma | Tinker AFB | Medical/Dental Clinic Replacement | 65,000,000 | The President |
| Defense-Wide | Oklahoma | Altus AFB | Replace Fuel Storage Dikes | 2,850,000 | The President |
| Army | Oklahoma | McAlester AAP | AP3 Connecting Rail | 5,800,000 | Mr. Boren; Senator Inhofe |
| Air Force | Oklahoma | Tinker AFB | Realign Air Depot Street | 5,400,000 | Mr. Cole; Senator Inhofe |
| Air Force | Oklahoma | Altus AFB | Consol Digital Airport Surveill Radar/Rapcon Fac. | 10,200,000 | Senator Inhofe |
| Army NG | Oregon | The Dalles | Readiness Center | 682,000 | Senator Wyden; Senator Smith; Mr. Walden |
| Army NG | Oregon | Dallas Armory | Readiness Center | 1,681,000 | Senator Wyden; Senator Smith; Ms. Hooley |

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|---|---|---|---|---|---|
| Army | Pennsylvania | Carlisle Barracks | Museum Support Facility | 13,400,000 | The President; Senator Casey; Senator Specter |
| Army | Pennsylvania | Tobyhanna Depot | Electronics Maintenance Shop | 15,000,000 | The President; Senator Casey; Mr. Kanjorski; Senator Specter |
| Army Reserve | Pennsylvania | Letterkenny Depot | Army Reserve Center | 14,914,000 | The President; Senator Casey; Mr. Shuster; Senator Specter |
| Navy | Pennsylvania | Philadelphia | Full Scale Electric Test Drive Facility | 22,020,000 | The President; Senator Casey; Senator Specter |
| Defense-Wide | Pennsylvania | Philadelphia | Convert Warehouse to Admin Space | 1,200,000 | The President; Senator Casey; Senator Specter |
| Army NG | Pennsylvania | Honesdale | Readiness Center Add/Alt | 6,117,000 | Mr. Carney |
| Army NG | Pennsylvania | Honesdale | Readiness Center Add/Alt | 504,000 | Mr. Carney |
| Army NG | Pennsylvania | Pittsburgh | Combined Support Maintenance Shop | 3,250,000 | Mr. Murtha; Mr. Murphy, T. |
| Army | Pennsylvania | Letterkenny Depot | Upgrade Munition Igloos Phase 2 | 7,500,000 | Senator Casey; Mr. Shuster; Senator Specter |
| Army NG | Pennsylvania | Fort Indiantown Gap | Combat Vehicle Training Facility | 620,000 | Senator Casey; Senator Specter |
| Army NG | Pennsylvania | York | Readiness Center | 880,000 | Senator Casey; Senator Specter |
| Navy | Rhode Island | Newport | Fitness Facility | 29,900,000 | The President |
| Navy | Rhode Island | Newport | Unmanned ASW Support Facility | 9,900,000 | Mr. Kennedy, P.; Senator Reed |
| Air NG | Rhode Island | Quonset State Airport | Replace Control Tower | 600,000 | Mr. Langevin; Senator Reed |
| Air NG | Rhode Island | Quonset State Airport | Construct Air Traffic Control Tower | 7,700,000 | Senator Reed; Mr. Langevin |
| Army NG | Rhode Island | North Kingstown | Army Aviation Support Facility | 5,000,000 | Senator Reed; Mr. Langevin |
| Navy | Rhode Island | Newport | Submarine Payloads Integration Laboratory | 750,000 | Senator Reed; Mr. Kennedy, P. |
| Army | South Carolina | Fort Jackson | Training Complex Upgrade | 30,000,000 | The President; Senator Graham |
| Army NG | South Carolina | Anderson | Readiness Center | 12,000,000 | The President; Senator Graham |
| Army NG | South Carolina | Beaufort | Readiness Center | 3,400,000 | The President; Senator Graham |
| Army NG | South Carolina | Eastover | Joint Forces Headquarters | 28,000,000 | The President; Senator Graham |
| Navy | South Carolina | Beaufort MCAS | EOD/Ordnance Operations Facility | 5,940,000 | The President; Senator Graham |
| Navy | South Carolina | Parris Island | Third Recruit Training Battalion (Phase 2) | 36,400,000 | The President; Senator Graham |
| Navy | South Carolina | Parris Island | Third Recruit Training Bn Complex (Phase 3) | 28,350,000 | The President; Senator Graham |
| Air Force | South Carolina | Charleston AFB | C-17 Flight Simulator Addition | 4,500,000 | The President; Mr. Brown; Senator Graham |
| Army NG | South Carolina | Hemingway | Field Maintenance Shop Ph 1 | 4,600,000 | Mr. Clyburn |
| Army NG | South Carolina | Sumter | Readiness Center | 382,000 | Mr. Clyburn |
| Air Force | South Carolina | Shaw AFB | Physical Fitness Center | 9,900,000 | Senator Graham; Mr. Spratt |
| Army NG | South Dakota | Rapid City | Armed Forces Reserve Center | 29,000,000 | The President; Senator Johnson; Senator Thune |
| Air NG | South Dakota | Joe Foss Field | Aircraft Ready Shelters/AMU | 4,500,000 | Ms. Herseth Sandlin; Senator Johnson; Senator Thune |
| Air Force | South Dakota | Ellsworth AFB | Base Entry and Perimeter Gates | 11,000,000 | Senator Johnson; Ms. Herseth Sandlin |
| Army NG | South Dakota | Rapid City | Barracks/Dining/Admin and Parking Complex Ph 1 | 14,463,000 | Senator Johnson; Senator Thune; Ms. Herseth Sandlin |
| Air NG | South Dakota | Joe Foss Field | Conventional Munitions Shop | 1,900,000 | Senator Johnson |
| Army Reserve | Tennessee | Chattanooga | Army Reserve Center | 10,600,000 | The President |
| Army NG | Tennessee | Tullahoma | Readiness Center | 10,372,000 | Mr. Wamp; Mr. Davis, L. |
| Air NG | Tennessee | Knoxville (McGhee-Tyson AP) | Replace Squadron Operations | 8,000,000 | Senator Alexander; Senator Corker; Mr. Wamp; Mr. Duncan |
| Army | Texas | Corpus Christi | Dynamic Component Rebuild Facility | 39,000,000 | The President; Senator Hutchison; Mr. Ortiz |
| Army | Texas | Fort Bliss | Barracks & Dining | 148,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Barracks & Dining | 148,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Battalion Complex | 34,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Brigade/Battalion HQs | 44,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Brigade/Battalion HQs | 44,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Chapel | 9,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Company Operations Facilities, BCT | 90,000,000 | The President; Senator Hutchison |

## MILITARY CONSTRUCTION—Continued

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Army | Texas | Fort Bliss | Company Operations Facilities, BCT1 | 90,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Digital Multipurpose Range Complex | 42,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Infrastructure, IBCT1 | 98,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Infrastructure, IBCT2 | 100,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Training Support Center | 12,600,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Unit Maintenance Facilities | 10,200,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Vehicle Maintenance Shops | 81,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Bliss | Vehicle Maintenance Shops | 81,000,000 | The President; Senator Hutchison |
| Army | Texas | Fort Hood | Unit Maintenance Facilities | 32,000,000 | The President; Mr. Edwards; Senator Hutchison; Mr. Carter |
| Army | Texas | Fort Sam Houston | Trainee Barracks Complex | 96,000,000 | The President; Senator Hutchison; Mr. Smith, L. |
| Army | Texas | Red River Depot | Manuever Systems Sustainment Center, Phase 1 | 6,900,000 | The President; Senator Hutchison |
| Army Reserve | Texas | Sinton | Army Reserve Center | 9,700,000 | The President; Senator Hutchison |
| Air Force | Texas | Fort Hood | TACP Joint Air Ground Center | 10,800,000 | The President; Mr. Edwards; Senator Hutchison; Mr. Carter |
| Air Force | Texas | Lackland AFB | BMT Recruit Dormitory | 75,515,000 | The President; Senator Hutchison |
| Defense-Wide | Texas | Fort Sam Houston | Medical Instruction Facility | 13,000,000 | The President; Senator Hutchison; Mr. Smith, L. |
| Army Reserve | Texas | Bryan | Army Reserve Center | 920,000 | Mr. Edwards |
| Army | Texas | Camp Bullis | Live Fire Shoot House | 4,200,000 | Mr. Rodriguez |
| Air NG | Texas | Ellington Field | ASOS Facility | 7,600,000 | Mr. Lampson |
| Army | Texas | Fort Hood | Chapel with Education Center | 17,500,000 | Mr. Edwards; Mr. Carter |
| Air Force | Texas | Lackland AFB | Security Forces Building Ph 1 | 900,000 | Senator Cornyn; Mr. Gonzalez; Senator Hutchison |
| Air Force | Texas | Laughlin AFB | Student Officer Quarters Ph 2 | 1,440,000 | Mr. Rodriguez |
| Air Force | Texas | Randolph AFB | Fire and Rescue Station | 972,000 | Senator Cornyn; Mr. Cuellar; Senator Hutchison |
| Navy | Texas | Corpus Christi | Parking Apron Recapitalization Ph 1 | 3,500,000 | Mr. Ortiz |
| Army | Texas | Fort Bliss | Medical Parking Garage Ph 1 | 12,500,000 | Mr. Reyes |
| Air NG | Texas | Fort Worth NAS JRB | Security Forces Training Facility | 5,000,000 | Ms. Granger |
| Navy | Texas | Kingsville | Fitness Center | 11,580,000 | Mr. Ortiz |
| Air Force | Texas | Dyess AFB | Multipurpose C-130 Maintenance Hangar | 21,000,000 | Senator Hutchison; Senator Cornyn; Mr. Neugebauer |
| Air Force | Texas | Sheppard AFB | Centralized Administrative Processing Center | 1,314,000 | Senator Hutchison; Senator Cornyn |
| Air Force | Texas | Goodfellow AFB | Joint Intelligence Technical Training Facility | 1,656,000 | Senator Hutchison; Senator Cornyn |
| Army NG | Texas | Laredo | Readiness Center Addition/Alteration | 1,165,000 | Mr. Cuellar |
| Army | Texas | Fort Sam Houston | AIT Barracks | 47,000,000 | House Committee on Appropriations [1] |
| Defense-Wide | Texas | Fort Bliss | Hospital Replacement | 52,835,000 | House Committee on Appropriations [1] |
| Army NG | Utah | Camp Williams | Ammunition Supply Point | 17,500,000 | The President; Senator Hatch |
| Air Force | Utah | Hill AFB | F-22A Heavy Maint. Fac. & Composite Back Shop | 36,000,000 | The President; Senator Hatch |
| Defense-Wide | Utah | Hill AFB | Hydrant Fuel System | 20,400,000 | The President; Senator Hatch |
| Air Force | Utah | Hill AFB | Three-Bay Fire Station | 5,400,000 | Senator Bennett; Mr. Bishop, R.; Senator Hatch |
| Air NG | Vermont | Burlington IAP | Security Forces and Communications Facility | 6,600,000 | The President; Senator Leahy |
| Army NG | Vermont | Ethan Allen Range | Readiness Center | 323,000 | Mr. Welch; Senator Leahy; Senator Sanders |
| Army NG | Vermont | Ethan Allen Range | Readiness Center | 10,200,000 | Senator Leahy; Senator Sanders; Mr. Welch |
| Army NG | Vermont | Westminster TS | Westminster Zero Range | 1,789,000 | Senator Leahy; Senator Sanders |
| Army | Virginia | Fort Belvoir | Emergency Services Center | 7,200,000 | The President; Mr. Moran, James; Senator Warner; Senator Webb |

| | | | | | |
|---|---|---|---|---|---|
| Army | Virginia | Fort Eustis | Unit Operations Facilities | 14,400,000 | The President; Senator Warner; Senator Webb |
| Army | Virginia | Fort Lee | Dining Facility | 10,600,000 | The President; Mr. Forbes; Senator Warner; Senator Webb |
| Army | Virginia | Fort Lee | Trainee Barracks Complex | 90,000,000 | The President; Mr. Forbes; Senator Warner; Senator Webb |
| Army | Virginia | Fort Myer | Barracks | 14,000,000 | The President; Mr. Moran, James; Senator Warner; Senator Webb |
| Army NG | Virginia | Arlington | Arlington Hall Readiness Center PH2 | 15,500,000 | The President; Mr. Moran, James; Senator Warner; Senator Webb |
| Army NG | Virginia | Fort Pickett | Multi Purpose Machine Gun Range | 2,950,000 | The President; Mr. Forbes; Senator Warner; Senator Webb |
| Navy | Virginia | Norfolk | Child Development Center | 10,500,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Norfolk | Norfolk Harbor Channel Dredging | 42,830,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Quantico | Aircraft Maintenance Hangar, Type II | 27,750,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Quantico | Aircraft Parking Apron (Greenside) | 36,280,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Quantico | Infrastructure—Russell Road (Phase 1) | 7,450,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Quantico | Instruction Facility Addition—TBS | 6,350,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Quantico | Instruction Facility TBS (Phase 1) | 25,200,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Quantico | Mess Hall—OCS | 13,750,000 | The President; Senator Warner; Senator Webb |
| Navy | Virginia | Quantico | Student Quarters—TBS (Phase 3) | 27,530,000 | The President; Senator Warner; Senator Webb |
| Navy Reserve | Virginia | Norfolk | EODMU 10 Operations Facility | 8,170,000 | The President; Senator Warner; Senator Webb |
| Navy Reserve | Virginia | Williamsburg | Ordnance Handling Cargo Ops Training Support | 12,320,000 | The President; Senator Warner; Senator Webb |
| Defense-Wide | Virginia | Pentagon | Pentagon Athletic Center Phase 2 | 6,967,000 | The President; Mr. Moran, James; Senator Warner; Senator Webb |
| Defense-Wide | Virginia | Pentagon | PFPA HAZMAT Facility | 16,401,000 | The President; Mr. Moran, James; Senator Warner; Senator Webb |
| Defense-Wide | Virginia | Pentagon | Raven Rock West Power Plant | 15,572,000 | The President; Senator Warner; Senator Webb |
| Defense-Wide | Virginia | Dam Neck | SOF Operational Facility Incr II | 31,000,000 | The President; Senator Warner; Senator Webb |
| Defense-Wide | Virginia | Fort Story | SOF Small Arms Range | 11,600,000 | The President; Senator Warner; Senator Webb |
| Defense-Wide | Virginia | Craney Island | Replace Fuel Storage Tanks | 39,900,000 | The President; Senator Warner; Senator Webb |
| Army NG | Virginia | Fort Belvoir | Readiness Center and NGB Conference Center | 1,085,000 | Mr. Moran, James |
| Army | Virginia | Fort Myer | Hatfield Gate Expansion | 300,000 | Mr. Moran, James |
| Army | Virginia | Fort Eustis | Vehicle Paint Facility | 3,900,000 | Mr. Scott, R.; Mr. Wittman |
| Navy | Virginia | Norfolk NS | Fire and Emergency Services Station | 9,960,000 | Ms. Drake |
| Navy | Virginia | Norfolk NSY | Industrial Access Improvements, Main Gate 15 | 9,990,000 | Mr. Forbes; Mr. Scott, R. |
| Navy | Virginia | Quantico | OCS Headquarters Facility | 5,980,000 | Senator Warner; Senator Webb; Mr. Wittman |
| Army | Virginia | Fort Eustis | Training Support Center, Ph 1 | 13,600,000 | Senator Warner; Senator Webb; Mr. Scott, R.; Mr. Wittman |
| Army | Washington | Fort Lewis | Battalion Complex | 54,000,000 | The President; Senator Murray |
| Army | Washington | Fort Lewis | Battalion Complex | 47,000,000 | The President; Senator Murray |
| Army | Washington | Fort Lewis | Brigade Complex | 30,000,000 | The President; Senator Murray |
| Army | Washington | Fort Lewis | Brigade Complex, Incr 3 | 102,000,000 | The President; Senator Murray |
| Army | Washington | Fort Lewis | Child Development Center | 27,000,000 | The President; Senator Murray |
| Army NG | Washington | Fort Lewis | Aviation Readiness Center | 32,000,000 | The President; Senator Murray |
| Army Reserve | Washington | Seattle | Army Reserve Center | 37,500,000 | The President; Senator Murray |
| Navy | Washington | Bangor | Limited Area Production & Storage Complex Incr V | 50,700,000 | The President; Senator Murray |
| Navy | Washington | Whidbey Island | Hangar 5 Recapitalization (Incr) | 34,000,000 | The President; Senator Murray |
| Air Force | Washington | McChord AFB | C-17 ADAL Flight Simulator | 5,500,000 | The President; Senator Murray |
| Defense-Wide | Washington | Fort Lewis | SOF Ranger Battalion Complex | 38,000,000 | The President; Senator Murray |
| Navy | Washington | Kitsap NB | Saltwater Cooling & Fire Protection Improvements | 5,110,000 | Mr. Dicks |
| Air NG | Washington | McChord AFB | 262 Info Warfare Aggressor Squadron Facility | 8,600,000 | Senator Murray; Senator Cantwell; Mr. Smith, A. |
| Navy | Washington | Whidbey Island | Firefighting Facility | 6,160,000 | Mr. Larsen |

## MILITARY CONSTRUCTION—Continued

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Army NG | Washington | Fairchild AFB | Hangar 1001 Improvement | 766,000 | Senator Murray; Senator Cantwell |
| Army NG | West Virginia | Camp Dawson | Shoot House | 2,000,000 | Mr. Mollohan |
| Army NG | West Virginia | Camp Dawson | Access Control Point | 2,000,000 | Mr. Mollohan |
| Army NG | West Virginia | Camp Dawson | Multi-Purpose Building Ph 2 | 5,000,000 | Mr. Mollohan |
| Air NG | West Virginia | Yeager AP, Charleston | Fuel System/Corrosion Control Hangar | 27,000,000 | Senator Byrd |
| Army NG | West Virginia | Kenova | Tri-State Armory Addition | 2,000,000 | Senator Byrd |
| Air NG | West Virginia | Martinsburg AB | C-5 Taxiway Upgrade | 850,000 | Senator Byrd |
| Army Reserve | Wisconsin | Fort McCoy | Auto Qualification Training Range | 4,000,000 | The President |
| Air NG | Wisconsin | Truax Field | Communications & Audio Visual Training Facility | 6,300,000 | Senator Kohl |
| Air Force | Wyoming | F.E. Warren AFB | Renovate Historic Dormitory | 8,600,000 | The President |
| Air NG | Wyoming | Cheyenne MAP | TFI—C-130 Squadron Operations Facility | 7,000,000 | The President; Ms. Cubin |
| Air Force | Wyoming | F.E. Warren AFB | Missile Service Complex | 810,000 | Senator Enzi; Senator Barrasso; Ms. Cubin |
| Army | Afghanistan | Bagram AB | Bulk Fuel Storage & Supply, Phase 8 | 26,000,000 | The President |
| Army | Afghanistan | Bagram AB | Bulk Fuel Storage & Supply, Phase 5 | 22,000,000 | The President |
| Army | Afghanistan | Bagram AB | SOF HQ Complex | 19,000,000 | The President |
| Air Force | Afghanistan | Bagram AB | C-130 Maintenance Hangar | 27,400,000 | The President |
| Air Force | Afghanistan | Bagram AB | Cargo Handling Area Expansion | 8,800,000 | The President |
| Air Force | Afghanistan | Bagram AB | Refueler Ramp | 21,000,000 | The President |
| Navy | Diego Garcia | Diego Garcia | Wharf Upgrade and Warehouse | 35,060,000 | The President |
| Navy | Djibouti | Camp Lemonier | Aircraft Maintenance Hangar | 12,830,000 | The President |
| Navy | Djibouti | Camp Lemonier | Aircraft Parking Apron | 15,250,000 | The President |
| Navy | Djibouti | Camp Lemonier | Telcom Facility | 3,330,000 | The President |
| Army | Germany | Katterbach | Aircraft/Vehicle Maintenance Complex | 19,000,000 | The President |
| Army | Germany | Wiesbaden | Command and Battle Center, Increment I | 59,500,000 | The President |
| Army FH | Germany | Wiesbaden | Family Housing Replacement | 32,000,000 | The President |
| Army FH | Germany | Wiesbaden AB | Family Housing Replacement | 10,000,000 | The President |
| Army FH | Germany | Wiesbaden AB | Family Housing Replacement | 32,000,000 | The President |
| Army FH | Germany | Wiesbaden AB | Family Housing Replacement | 27,000,000 | The President |
| Defense-Wide | Germany | Germersheim | Logistics Distribution Center Europe | 48,000,000 | The President |
| Navy | Greece | Souda Bay | Fuel Storage Tanks and Pipeline Replacement | 8,000,000 | The President |
| Air Force | Guam | Andersen AFB | Combat Communications Maintenance Facility | 5,200,000 | The President; Ms. Bordallo |
| Navy | Guam | Guam NB | Bachelor Enlisted Quarters, Main Base | 62,360,000 | The President; Ms. Bordallo |
| Navy | Guam | Guam NB | Kilo Wharf Extension | 50,912,000 | The President; Ms. Bordallo |
| Navy | Guam | Guam NB | Wastewater Collection System & Upgrade | 26,070,000 | The President; Ms. Bordallo |
| Defense-Wide | Guam | Guam NH | Central Utility Plant | 30,000,000 | The President; Ms. Bordallo |
| Air Force | Guam | Andersen AFB | ISR/STF Realign Arc Light Boulevard | 5,400,000 | Ms. Bordallo |
| Navy | Guantanamo Bay | Guantanamo Bay | Consolidated Fitness Complex | 20,600,000 | The President |
| Navy FH | Guantanamo Bay | Guantanamo Bay | Replace Bargo Housing | 21,435,000 | The President |
| Navy FH | Guantanamo Bay | Guantanamo Bay | Replace Granadillo Circle Housing | 15,846,000 | The President |
| Navy FH | Guantanamo Bay | Guantanamo Bay | Replace Granadillo Point Housing | 22,662,000 | The President |
| Army | Italy | Vicenza | Brigade Complex-Barracks/Community, Incr 2 | 15,000,000 | The President |

| | | | | | |
|---|---|---|---|---|---|
| Army | Italy | Vicenza | Brigade Complex-Operations Support Fac, Incr 2 | 15,000,000 | The President |
| Army | Japan | Camp Zama | Sensitive Compartmented Information Facility | 2,350,000 | The President |
| Army | Japan | Sagamihara | Battle Command Training Center | 17,500,000 | The President |
| Army | Korea | Camp Humphreys | Vehicle Maintenance Shop | 20,000,000 | The President |
| Army FH | Korea | Camp Humphreys | Family Housing New Construction | 125,000,000 | The President |
| Air Force | Kyrgyzstan | Manas AB | Hot Cargo Pad | 6,000,000 | The President |
| Defense-Wide | Qatar | Al Udeid | SOF Training Range | 9,200,000 | The President |
| Air Force | United Kingdom | RAF Lakenheath | Large Vehicle Inspection Station | 7,400,000 | The President |
| Air Force FH | United Kingdom | RAF Lakenheath | Replace Family Housing (182 Units) | 71,828,000 | The President |
| Air Force | Worldwide | Classified | Special Evaluation Project | 891,000 | The President |
| Air Force | Worldwide | Unspecified | UAS Field Training Unit Ops Complex | 15,500,000 | The President |
| Air Force | Worldwide | Unspecified | UAS Field Training Unit Maintenance Complex | 22,000,000 | The President |
| Air Force | Worldwide | Unspecified | STRATCOM Replacement Facility Design | 10,000,000 | Senator Ben Nelson |
| Defense-Wide | Worldwide | Unspecified | BMDS-European Interceptor Site | 42,600,000 | The President |
| Defense-Wide | Worldwide | Unspecified | BMDS-European Midcourse Radar Site | 108,560,000 | The President |
| Navy | Worldwide | Unspecified | Data Center | 35,000,000 | The President |
| Navy | Worldwide | Unspecified | Joint Operations & Support Complex, Phase 1 | 17,800,000 | The President |
| Air Force | France | Marnes-La-Coquette | Lafayette Escadrille Memorial (Admin. Provision) | 500,000 | Senator Landrieu; Mr. Lewis, Jerry |

[1] The House Committee on Appropriations learned through hearings, site visits, and Department of Defense briefings that trainee and recruit facilities and medical treatment facilities are two high priority areas in great need of additional funds. The projects included were identified by the Department as projects of high priority and were not included at the request of Members of Congress.

## VETERANS AFFAIRS

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Construction, Major Projects | Colorado | Denver | New Medical Facility | $20,000,000 | The President; Senator Allard; Senator Salazar; Mr. Perlmutter |
| Construction, Major Projects | Florida | Bay Pines | Inpatient/Outpatient Improvements | 17,430,000 | The President; Senator Martinez; Senator Bill Nelson |
| Construction, Major Projects | Florida | Lee County | Outpatient Clinic | 111,412,000 | The President; Senator Martinez; Senator Bill Nelson |
| Construction, Major Projects | Florida | Orlando | New Medical Facility | 120,000,000 | The President; Senator Martinez; Senator Bill Nelson; Ms. Brown, C.; Mr. Weldon |
| Construction, Major Projects | Massachusetts | Massachusetts National Cemetery | Gravesite Expansion and Cemetery Improvements | 20,500,000 | The President; Senator Kennedy; Senator Kerry |

## VETERANS AFFAIRS—Continued

| Account | State | Location | Project | Amount | Requester(s) |
|---|---|---|---|---|---|
| Construction, Major Projects | Missouri | St. Louis | Medical Facility Improvements and Cemetery Expansion | 5,000,000 | The President; Senator Bond |
| Construction, Major Projects | New York | Calverton National Cemetery | Gravesite Expansion and Cemetery Improvements | 29,000,000 | The President; Senator Clinton; Senator Schumer |
| Construction, Major Projects | Puerto Rico | Puerto Rico National Cemetery | Gravesite Expansion and Cemetery Improvements | 33,900,000 | The President |
| Construction, Major Projects | Puerto Rico | San Juan | Seismic Corrections Building | 64,400,000 | The President |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| ALABAMA | | |
| ARMY | | |
| ANNISTON ARMY DEPOT | | |
| LAKE YARD RAILROAD INTERCHANGE | --- | 1,400 |
| POWERTRAIN TRANSMISSION REPAIR FACILITY | 27,000 | 27,000 |
| SMALL ARMS REPAIR SHOP-DEPOT LEVEL | 18,000 | 18,000 |
| FORT RUCKER | | |
| CHAPEL CENTER | --- | 6,800 |
| REDSTONE ARSENAL | | |
| SYSTEM SOFTWARE ENGINEERING ANNEX, PHASE 3 | --- | 16,500 |
| AIR FORCE | | |
| MAXWELL AFB | | |
| AIR & SPACE BASIC COURSE COMBAT ARMS TNG FACILITY | 15,556 | 15,556 |
| ARMY NATIONAL GUARD | | |
| FORT MCCLELLAN | | |
| MULTIPURPOSE MACHINE GUN RANGE | 3,000 | 3,000 |
| ALASKA | | |
| ARMY | | |
| FORT RICHARDSON | | |
| CHILD DEVELOPMENT CENTER | 15,000 | 15,000 |
| MULTIPURPOSE MACHINE GUN RANGE | --- | 3,100 |
| FORT WAINWRIGHT | | |
| BARRACKS COMPLEX | 63,000 | 63,000 |
| ORGANIZATIONAL VEHICLE PARKING | 14,000 | 14,000 |
| PEDESTRIAN ACCESS BRIDGE/TRAINING AREA | --- | 2,950 |
| TACTICAL VEHICLE WASH FACILITY | 21,000 | 21,000 |
| TRAINING AIDS SUPPORT CENTER | 12,400 | 12,400 |
| AIR FORCE | | |
| ELMENDORF AFB | | |
| C-17 RESTORE ROAD | 2,000 | 2,000 |
| F-22 AEROSPACE GROUND EQUIP SHOP | 7,200 | 7,200 |
| F-22 CORROSION CTRL/LO MX/COMPOSITE REPAIR FACILITY | 22,400 | 22,400 |
| F-22 FLIGHT SIMULATOR | 16,400 | 16,400 |
| F-22A 7 BAY AIRCRAFT SHELTER | 20,400 | 20,400 |
| F-22A 8 BAY AIRCRAFT SHELTER | 22,200 | 22,200 |
| F-22A FIELD TRAINING DETACHMENT | 6,600 | 6,600 |
| F-22A SQUADRON OPS/AMU 6 BAY HANGAR | 41,100 | 41,100 |
| DEFENSE-WIDE | | |
| FORT RICHARDSON | | |
| DENTAL CLINIC ADDITION/ALTERATION | 6,300 | 6,300 |
| ARMY NATIONAL GUARD | | |
| BETHEL ARMORY | | |
| BETHEL READINESS CENTER | --- | 16,000 |
| ARIZONA | | |
| ARMY | | |
| FORT HUACHUCA | | |
| ATC RADAR OPERATIONS BUILDING | --- | 2,000 |
| UNIT MAINTENANCE FACILITIES | 11,200 | 11,200 |
| YUMA | | |
| RAW SEWAGE LAGOON AND OXIDATION POND | 3,800 | 3,800 |
| NAVY | | |
| YUMA | | |
| APPLIED INSTRUCTION FACILITY (MAWTS) | 19,490 | 19,490 |
| AIR FORCE | | |
| DAVIS MONTHAN AFB | | |
| FIRE/CRASH RESCUE STATION | --- | 15,000 |
| ARMY NATIONAL GUARD | | |
| CAMP NAVAJO | | |
| READINESS CENTER | 13,000 | 13,000 |
| FLORENCE | | |
| READINESS CENTER | 13,800 | 13,800 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| PAPAGO MILITARY RESERVATION | | |
| READINESS CENTER | 24,000 | 24,000 |
| ARKANSAS | | |
| ARMY NATIONAL GUARD | | |
| CABOT | | |
| READINESS CENTER | --- | 10,868 |
| AIR NATIONAL GUARD | | |
| LITTLE ROCK AFB | | |
| REPLACE ENGINE SHOP | --- | 4,000 |
| CALIFORNIA | | |
| ARMY | | |
| FORT IRWIN | | |
| BARRACKS COMPLEX | 17,500 | 17,500 |
| MILITARY OPERATIONS URBAN TERRAIN, PH 3 | 22,100 | 22,100 |
| PRESIDIO MONTEREY | | |
| GENERAL INSTRUCTIONAL BUILDING | 15,000 | 15,000 |
| SIERRA AD | | |
| WATER TREATMENT PLANT | 12,400 | 12,400 |
| NAVY | | |
| BARSTOW | | |
| BACHELOR ENLISTED QUARTERS | 7,830 | 7,830 |
| CAMP PENDLETON | | |
| BACHELOR ENLISTED QUARTERS - 41 AREA | 32,430 | 32,430 |
| BACHELOR ENLISTED QUARTERS - 33 AREA | 30,300 | 30,300 |
| BACHELOR ENLISTED QUARTERS - 43 AREA | 15,150 | 15,150 |
| BACHELOR ENLISTED QUARTERS - 62 AREA | 25,920 | 25,920 |
| BACHELOR ENLISTED QUARTERS - AREA 13 | 33,320 | 33,320 |
| BACHELOR ENLISTED QUARTERS - AREA 14 | 32,350 | 32,350 |
| BACHELOR ENLISTED QUARTERS - CHAPPO 22 AREA | 48,640 | 48,640 |
| BACHELOR ENLISTED QUARTERS - DEL MAR 21 AREA | 33,190 | 33,190 |
| BACHELOR ENLISTED QUARTERS - DEL MAR 21 AREA | 33,440 | 33,440 |
| BACHELOR ENLISTED QUARTERS - HORNO 13 AREA | 33,790 | 33,790 |
| BACHELOR ENLISTED QUARTERS - HORNO 53 AREA | 40,660 | 40,660 |
| BACHELOR ENLISTED QUARTERS - LAS PULGAS AREA | 34,340 | 34,340 |
| BACHELOR ENLISTED QUARTERS - PICO 24 AREA | 32,870 | 32,870 |
| BACHELOR ENLISTED QUARTERS - PICO 24 AREA | 32,260 | 32,260 |
| BACHELOR ENLISTED QUARTERS - SAN MATEO AREA | 34,500 | 34,500 |
| BACHELOR ENLISTED QUARTERS -DEL MAR 21 AREA | 34,120 | 34,120 |
| BACHELOR ENLISTED QUARTERS, SAN MATEO AREA | 32,550 | 32,550 |
| BACHELOR ENLISTED QUARTERS-MARGARITA 33 AREA | 31,170 | 31,170 |
| BEQ - ARMORY, TRAINING FACILITY, SOI 52 AREA | 54,730 | 54,730 |
| CONSOLIDATED COMM/ELEC MAINTENANCE & STORAGE | 10,050 | 10,050 |
| CORROSION CONTROL WATER TREATMENT FACILITY | 52,520 | 52,520 |
| INDOOR FITNESS CENTER | 12,230 | 12,230 |
| INFANTRY TRAINING CENTER | 11,500 | 11,500 |
| OPERATIONS ACCESS POINTS, RED BEACH | 11,970 | 11,970 |
| REGIMENTAL MAINTENANCE COMPLEX (PHASE 3) | 33,620 | 33,620 |
| SPECIAL OPERATIONS TRAINING BATTLE COURSE | 22,250 | 22,250 |
| EL CENTRO | | |
| COMBINED CHILD CARE AND YOUTH CENTER | 8,900 | 8,900 |
| MIRAMAR | | |
| COMBAT TRAINING TANK COMPLEX | 10,820 | 10,820 |
| EMERGENCY RESPONSE STATION | 6,530 | 6,530 |
| IN-LINE FUELING STATION MODIFICATION | 22,930 | 22,930 |
| MILITARY WORKING DOG OPERATIONS CENTER | 4,800 | 4,800 |
| MV-22 WASH RACK | 3,690 | 3,690 |
| MONTEREY | | |
| EDUCATION FACILITY | --- | 9,990 |
| NORTH ISLAND | | |
| BERTHING LIMA CONVERSION | 38,992 | 38,992 |
| CHILD DEVELOPMENT CENTER | 14,270 | 14,270 |
| TRAINING POOL REPLACEMENT | --- | 6,890 |
| SAN CLEMENTE ISLAND | | |
| BACHELOR ENLISTED QUARTERS | 34,020 | 34,020 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| SAN DIEGO | | |
| RECRUIT RECONDITIONING FACILITY | 16,790 | 16,790 |
| RECRUIT SUPPORT BARRACKS | 34,430 | 34,430 |
| SAN DIEGO MCRD | | |
| RECRUIT BARRACKS | --- | 43,200 |
| TWENTYNINE PALMS | | |
| BACHELOR ENLISTED QUARTERS | 36,470 | 36,470 |
| BACHELOR ENLISTED QUARTERS | 36,280 | 36,280 |
| BEQ AND PARKING STRUCTURE | 51,800 | 51,800 |
| COMBINED ARMS MOUT (PHASE 2) | 21,000 | 21,000 |
| LIFELONG LEARNING CENTER PH 1 | --- | 9,760 |
| AIR FORCE | | |
| EDWARDS AIR FORCE BASE | | |
| F-35 RAMP & SECURITY UPGRADE | 3,100 | 3,100 |
| MAIN BASE RUNWAY PH 4 | --- | 6,000 |
| TRAVIS AIR FORCE BASE | | |
| LARGE CRASH RESCUE STATION | --- | 12,100 |
| DEFENSE-WIDE | | |
| CORONADO | | |
| SOF COMBAT CREW TRAINING FACILITY | 9,800 | 9,800 |
| DEFENSE DISTRIBUTION DEPOT-TRACY | | |
| REPLACE GENERAL PURPOSE WAREHOUSE | 41,000 | 41,000 |
| REPLACE TRUCK ENTRANCE/CONTROL FACILITY | 9,300 | 9,300 |
| ARMY RESERVE | | |
| FORT HUNTER LIGGETT | | |
| MODIFIED RECORD FIRE RANGE | 3,950 | 3,950 |
| NAVY RESERVE | | |
| LEMOORE | | |
| MARINE CORPS RESERVE CENTER | 15,420 | 15,420 |
| COLORADO | | |
| ARMY | | |
| FORT CARSON | | |
| BARRACKS & DINING, INCR 1 | 154,000 | 94,000 |
| BATTALION COMPLEX | 45,000 | 45,000 |
| BRIGADE/BATTALION HQS | 46,000 | 46,000 |
| COMPANY OPERATIONS FACILITIES | 93,000 | 93,000 |
| INFRASTRUCTURE, BCT | 69,000 | 69,000 |
| PHYSICAL FITNESS FACILITY | 28,000 | 28,000 |
| UNIT MAINTENANCE FACILITIES | 15,000 | 15,000 |
| VEHICLE MAINTENANCE SHOPS | 84,000 | 84,000 |
| AIR FORCE | | |
| PETERSON AFB | | |
| LAND ACQUISITION - 23 ACRES | --- | 4,900 |
| U.S. AIR FORCE ACADEMY | | |
| UPGRADE ACADEMIC FACILITY, PH V | 18,000 | 18,000 |
| DEFENSE-WIDE | | |
| BUCKLEY AIR FORCE BASE | | |
| SATELLITE PHARMACY | 3,000 | 3,000 |
| CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE-WIDE | | |
| PUEBLO ARMY DEPOT | | |
| AMMUNITION DEMILITARIZATION FACILITY, INCR 10 | 65,060 | 65,060 |
| ARMY NATIONAL GUARD | | |
| DENVER | | |
| READINESS CENTER | 9,000 | 9,000 |
| GRAND JUNCTION | | |
| READINESS CENTER | 9,000 | 9,000 |
| AIR NATIONAL GUARD | | |
| BUCKLEY AFB | | |
| ALERT CREW HEADQUARTERS | --- | 4,200 |
| CONNECTICUT | | |
| NAVY | | |
| NEW LONDON | | |
| INDOOR SMALL ARMS RANGE | --- | 11,000 |
| PIER 31 REPLACEMENT | 46,060 | 46,060 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| ARMY NATIONAL GUARD | | |
| CAMP RELL | | |
| REGIONAL TRAINING INSTITUTE | 28,000 | 28,000 |
| EAST HAVEN | | |
| KD RANGE ADD/ALT | 13,800 | 13,800 |
| AIR NATIONAL GUARD | | |
| BRADLEY IAP | | |
| TFI UPGRADE ENGINE SHOP | --- | 7,200 |
| DELAWARE | | |
| AIR FORCE | | |
| DOVER AFB | | |
| ADAL PHYSICAL FITNESS CENTER | 19,000 | 19,000 |
| DEFENSE-WIDE | | |
| DOVER AFB | | |
| ALTER FUEL STORAGE TANK | 3,373 | 3,373 |
| ARMY NATIONAL GUARD | | |
| NEW CASTLE | | |
| ARMY AVIATION SUPPORT FACILITY ADD/ALT | 28,000 | 28,000 |
| AIR NATIONAL GUARD | | |
| NEW CASTLE COUNTY AIRPORT | | |
| REPLACE C-130 AIRCRAFT MAINTENANCE SHOPS | --- | 11,600 |
| TFI - INFO OPS SQUADRON (IOS) FACILITY | 3,200 | 3,200 |
| NAVY RESERVE | | |
| WILMINGTON | | |
| NOSC PORTION, ARMED FORCES RESERVE CENTER | 11,530 | 11,530 |
| DISTRICT OF COLUMBIA | | |
| NAVY | | |
| NAVAL RESEARCH LAB | | |
| AUTONOMOUS SYSTEM RESEARCH LAB | 24,220 | 24,220 |
| FLORIDA | | |
| ARMY | | |
| MIAMI DORAL | | |
| SOUTHCOM HEADQUARTERS, INCR 2 | 81,600 | 81,600 |
| NAVY | | |
| JACKSONVILLE | | |
| P-8A INTEGRATED TRAINING CENTER | 48,220 | 48,220 |
| CHILD DEVELOPMENT CENTER | 12,890 | 12,890 |
| MAYPORT | | |
| AIRCRAFT REFUELING | --- | 3,380 |
| ALPHA WHARF IMPROVEMENTS | 14,900 | 14,900 |
| TAMPA | | |
| JOINT COMMUNICATIONS SQUADRON FACILITY | 29,000 | 29,000 |
| AIR FORCE | | |
| CAPE CANAVERAL AIR STATION | | |
| SATELLITE OPERATIONS SUPPORT FACILITY | --- | 8,000 |
| EGLIN AFB | | |
| F-35 STUDENT DORMITORY (144 ROOM) | 19,000 | 19,000 |
| MACDILL AFB | | |
| COMBAT TRAINING FACILITY | --- | 5,000 |
| SOCCENT HDQTRS & COMMANDANT FACILITY | 21,000 | 21,000 |
| TYNDALL AFB | | |
| 325 ACS OPS TRAINING COMPLEX | --- | 11,600 |
| DEFENSE-WIDE | | |
| EGLIN AFB | | |
| SOF BATTALION OPS COMPLEX | 40,000 | 40,000 |
| HURLBURT FIELD | | |
| SOF SPECIAL TACTICS GROUP FACILITY | 8,900 | 8,900 |
| JACKSONVILLE | | |
| REPLACE FUEL STORAGE TANKS | 34,000 | 34,000 |
| MACDILL AFB | | |
| SOF ADD/ALTER 501B (HQ SOCOM) | 10,500 | 10,500 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| ARMY NATIONAL GUARD | | |
| CAMP BLANDING | | |
| AMMUNITION SUPPLY POINT | 12,400 | 12,400 |
| REGIONAL TRAINING INSTITUTE PH 4 | --- | 20,907 |
| GEORGIA | | |
| ARMY | | |
| FORT BENNING | | |
| AUTOMATED ANTI-ARMOR RANGE | 8,800 | 8,800 |
| BASIC 10M-25M FIRING RANGE 1 | 2,400 | 2,400 |
| BASIC 10M-25M FIRING RANGE 2 | 2,400 | 2,400 |
| BASIC 10M-25M FIRING RANGE 3 | 2,350 | 2,350 |
| BASIC 10M-25M FIRING RANGE 4 | 2,500 | 2,500 |
| BASIC 10M-25M FIRING RANGE 5 | 2,500 | 2,500 |
| DIGITAL MULTIPURPOSE TRAINING RANGE | 17,500 | 17,500 |
| FIRE AND MOVEMENT RANGE | 2,450 | 2,450 |
| MAINTENANCE SHOP | 42,000 | 42,000 |
| MODIFIED RECORD FIRE RANGE 1 | 4,900 | 4,900 |
| MODIFIED RECORD FIRE RANGE 2 | 4,900 | 4,900 |
| MODIFIED RECORD FIRE RANGE 3 | 4,500 | 4,500 |
| RANGE ACCESS ROAD | 9,100 | 9,100 |
| RECEPTION STATION PHASE 2 | 39,000 | 39,000 |
| STATIONARY TANK RANGE | 6,900 | 6,900 |
| TACTICAL VEHICLE WASH FACILITY | 10,800 | 10,800 |
| TRACKED VEHICLE DRIVERS COURSE | 16,000 | 16,000 |
| TRAINEE COMPLEX | 32,000 | 32,000 |
| TRAINING AREA INFRASTRUCTURE - OSUT AREA | 16,000 | 16,000 |
| TRAINING AREA INFRASTRUCTURE-NORTHERN AREA | 13,800 | 13,800 |
| UNIT MAINTENANCE FACILITIES | 27,000 | 27,000 |
| FORT GORDON | | |
| AIT COMPLEX I, PH I | --- | 32,000 |
| FORT STEWART | | |
| BARRACKS & DINING, INCR 1 | 121,000 | 41,000 |
| BRIGADE COMPLEX | 30,000 | 30,000 |
| BRIGADE/BATTALION HQS | 36,000 | 36,000 |
| CHILD DEVELOPMENT CENTER | 20,000 | 20,000 |
| COMPANY OPERATIONS FACILITIES | 75,000 | 75,000 |
| INFRASTRUCTURE | 59,000 | 59,000 |
| PHYSICAL FITNESS FACILITY | 22,000 | 22,000 |
| SHOOT HOUSE | 2,300 | 2,300 |
| VEHICLE MAINTENANCE SHOPS | 67,000 | 67,000 |
| NAVY | | |
| ALBANY | | |
| BEQ | 15,320 | 15,320 |
| KINGS BAY | | |
| ADD TO LIMITED AREA REACTION FORCE FACILITY | --- | 6,130 |
| AIR FORCE | | |
| ROBINS AFB | | |
| AIRCRAFT HANGAR | 24,100 | 24,100 |
| AVIONICS FACILITY | --- | 5,250 |
| DEFENSE-WIDE | | |
| AUGUSTA | | |
| REGIONAL SECURITY OPERATIONS CENTER INC IV | 100,220 | 100,220 |
| FORT BENNING | | |
| CONSOLIDATED TROOP MEDICAL CLINIC | 3,900 | 3,900 |
| HUNTER ARMY AIRFIELD | | |
| REPLACE FUEL STORAGE TANK | 3,500 | 3,500 |
| ARMY NATIONAL GUARD | | |
| DOBBINS ARB | | |
| READINESS CENTER | 45,000 | 45,000 |
| AIR NATIONAL GUARD | | |
| SAVANNAH | | |
| TROOP TRAINING QUARTERS | --- | 7,500 |
| NAVY RESERVE | | |
| MARIETTA | | |
| MARINE CORPS RESERVE CENTER | 7,560 | 7,560 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| AIR FORCE RESERVE | | |
| DOBBINS AIR RESERVE BASE | | |
| CONSTRUCT NEW CONTROL TOWER | --- | 6,450 |
| HAWAII | | |
| ARMY | | |
| POHAKULOA TRAINING AREA | | |
| ACCESS ROAD PH 5 | --- | 30,000 |
| SCHOFIELD BARRACKS | | |
| BARRACKS | 42,000 | 42,000 |
| BATTALION COMPLEX | 69,000 | 69,000 |
| BATTALION COMPLEX | 27,000 | 27,000 |
| BRIGADE COMPLEX | 65,000 | 65,000 |
| INFRASTRUCTURE EXPANSION | 76,000 | 76,000 |
| WAHIAWA | | |
| WIDEBAND SATCOM OPERATIONS CENTER | 40,000 | 40,000 |
| NAVY | | |
| BARKING SANDS | | |
| ADVANCED RADAR DETECTION LABORATORY | 28,900 | 28,900 |
| KANEOHE BAY | | |
| BACHELOR ENLISTED QUARTERS | 28,200 | 28,200 |
| PEARL HARBOR | | |
| CHILD DEVELOPMENT CENTER | 29,300 | 29,300 |
| FITNESS CENTER | 45,000 | 45,000 |
| JOINT FORCES DEPLOYMENT STAGING AREA FISC | 5,990 | 5,990 |
| SUB DRIVE-IN MAGNETIC SILENCING FACILITY (INC 2) | 41,088 | 41,088 |
| DEFENSE-WIDE | | |
| PEARL HARBOR | | |
| REPLACE FUEL PIPELINE | 27,700 | 27,700 |
| ARMY RESERVE | | |
| FORT SHAFTER | | |
| ARMY RESERVE CENTER | 19,199 | 19,199 |
| IDAHO | | |
| ARMY NATIONAL GUARD | | |
| ORCHARD TRAINING AREA | | |
| LIVE FIRE SHOOT HOUSE | 1,850 | 1,850 |
| ARMY RESERVE | | |
| HAYDEN LAKE | | |
| AR CENTER/OMS/UNHEATED STORAGE | 9,580 | 9,580 |
| ILLINOIS | | |
| ARMY NATIONAL GUARD | | |
| URBANA ARMORY | | |
| READINESS CENTER | --- | 16,186 |
| NAVY | | |
| GREAT LAKES | | |
| RTC SPECIAL PROGRAMS BARRACKS | 62,940 | 62,940 |
| DEFENSE-WIDE | | |
| SCOTT AFB | | |
| USTRANSCOM JOINT INTEL OPERATIONS CENTER | 13,977 | 13,977 |
| INDIANA | | |
| ARMY | | |
| CRANE ARMY AMMO ACTIVITY | | |
| READY SERVICE MAGAZINE COMPLEX | --- | 8,300 |
| ARMY NATIONAL GUARD | | |
| CAMP ATTERBURY | | |
| MULTI PURPOSE MACHINE GUN RANGE | 5,800 | 5,800 |
| LAWRENCE | | |
| READINESS CENTER | 21,000 | 21,000 |
| MUSCATATUCK | | |
| COMBINED ARMS COLLECTIVE TRAINING FACILITY PH 1 | --- | 6,000 |
| AIR NATIONAL GUARD | | |
| FORT WAYNE IAP | | |
| AIRCRAFT READY SHELTERS/FUEL FILL STANDS | --- | 5,600 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| IOWA | | |
| ARMY NATIONAL GUARD | | |
| CAMP DODGE | | |
| MOUT SITE ADD/ALT | --- | 1,500 |
| DAVENPORT | | |
| READINESS CENTER ADD/ALT | --- | 1,550 |
| MOUNT PLEASANT | | |
| READINESS CENTER ADD/ALT | --- | 1,500 |
| AIR NATIONAL GUARD | | |
| FORT DODGE | | |
| VEHICLE MAINTENANCE AND COMM TRAINING COMPLEX | --- | 5,600 |
| KANSAS | | |
| ARMY | | |
| FORT LEAVENWORTH | | |
| CHAPEL COMPLEX PH 2 | --- | 4,200 |
| FORT RILEY | | |
| BATTALION COMPLEX | 38,000 | 38,000 |
| BRIGADE COMPLEX | 79,000 | 79,000 |
| COMMISSARY | 23,000 | 23,000 |
| FIRE STATION | --- | 3,000 |
| RAIL SIDING | 15,000 | 15,000 |
| AIR FORCE | | |
| MCCONNELL AFB | | |
| MXG CONSOLIDATION AND FORWARD LOGISTICS CENTER PH 2 | --- | 6,800 |
| DEFENSE-WIDE | | |
| FORT RILEY | | |
| HOSPITAL ADDITION/ALTERATION | 52,000 | --- |
| AIR NATIONAL GUARD | | |
| SMOKY HILL ANG RANGE | | |
| SMOKY HILL RANGE SUPPORT FACILITY | --- | 7,100 |
| ARMY RESERVE | | |
| DODGE CITY | | |
| ARMY RESERVE CENTER/LAND | 8,100 | 8,100 |
| KENTUCKY | | |
| ARMY | | |
| FORT CAMPBELL | | |
| BATTALION COMPLEX | 37,000 | 37,000 |
| CHILD DEVELOPMENT CENTER | 8,600 | 8,600 |
| SCHOOL AGE SERVICES CENTER | --- | 10,000 |
| TRAINING SUPPORT CENTER | 15,513 | 15,513 |
| UNIT MAINTENANCE FACILITIES | 47,000 | 47,000 |
| DEFENSE-WIDE | | |
| FORT CAMPBELL | | |
| MEDICAL/DENTAL CLINIC | 24,000 | 24,000 |
| NEW ELEMENTARY SCHOOL | 21,400 | 21,400 |
| SOF TACTICAL EQUIPMENT SHOP | 15,000 | 15,000 |
| CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE-WIDE | | |
| BLUE GRASS ARMY DEPOT | | |
| AMMUNITION DEMILITARIZATION FACILITY INCR 9 | 57,218 | 67,218 |
| DEFENSE ACCESS ROAD | 12,000 | 12,000 |
| ARMY NATIONAL GUARD | | |
| LONDON | | |
| AVIATION OPERATIONS FACILITY PH III | --- | 7,191 |
| LOUISIANA | | |
| ARMY | | |
| FORT POLK | | |
| UNIT OPERATIONS FACILITIES | 29,000 | 29,000 |
| AIR FORCE | | |
| BARKSDALE AFB | | |
| SECURITY FORCES COMPLEX | --- | 14,600 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| MAINE | | |
| NAVY | | |
| PORTSMOUTH | | |
| CONSOLIDATED GLOBAL SUB COMPONENT PH 1 | --- | 9,980 |
| DRY DOCK #3 WATERFRONT SUPPORT FACILITY | --- | 20,660 |
| ARMY NATIONAL GUARD | | |
| BANGOR | | |
| REGIONAL TRAINING INSTITUTE PH1 | 20,000 | 20,000 |
| MARYLAND | | |
| NAVY | | |
| CARDEROCK | | |
| RDTE SUPPORT FACILITY PH 1 | --- | 6,980 |
| INDIAN HEAD | | |
| ENERGETICS SYSTEMS & TECH LAB COMPLEX PH 1 | --- | 12,050 |
| SEWAGE TREATMENT PLANT UPGRADES | 13,930 | 13,930 |
| SUITLAND | | |
| NATIONAL MARITIME INTEL CENTER(INCREMENTED) | 12,439 | 12,439 |
| AIR FORCE | | |
| ANDREWS AFB | | |
| ADMIN FACILITY ADDITION | 28,000 | 28,000 |
| NCR RELOCATION - ADMIN FACILITY | 49,648 | 49,648 |
| DEFENSE-WIDE | | |
| ABERDEEN PROVING GROUND | | |
| USAMRICD REPLACEMENT, INC I | 23,750 | 23,750 |
| FORT DETRICK | | |
| USAMRIID STAGE I, INC III | 209,000 | 209,000 |
| FORT MEADE | | |
| SOUTH CAMPUS UTILITY PLANT PH I | 19,100 | 19,100 |
| NSAW SOUTH CAMPUS STORMWATER MANAGEMENT SYSTEM | 11,900 | 11,900 |
| ARMY NATIONAL GUARD | | |
| EDGEWOOD | | |
| AASF ADD/ALT | 28,000 | 28,000 |
| SALISBURY | | |
| READINESS CENTER ADD/ALT | 9,800 | 9,800 |
| AIR NATIONAL GUARD | | |
| MARTIN STATE AIRPORT | | |
| REPLACE FIRE STATION | --- | 7,900 |
| ARMY RESERVE | | |
| BALTIMORE | | |
| ARMY RESERVE CENTER | 11,600 | 11,600 |
| MASSACHUSETTS | | |
| ARMY NATIONAL GUARD | | |
| METHUEN | | |
| READINESS CENTER, ADD/ALT (ADRS) | 21,000 | 21,000 |
| AIR NATIONAL GUARD | | |
| OTIS ANG BASE | | |
| DIGITAL GROUND STATION | --- | 14,300 |
| ARMY RESERVE | | |
| FORT DEVENS | | |
| SHOOTHOUSE | 1,900 | 1,900 |
| MICHIGAN | | |
| ARMY | | |
| DETROIT ARSENAL | | |
| ACCESS CONTROL POINT | --- | 6,100 |
| ARMY NATIONAL GUARD | | |
| CAMP GRAYLING | | |
| BARRACKS REPLACEMENT, PHASE 1 | --- | 16,943 |
| INFANTRY SQUAD BATTLE COURSE | --- | 2,000 |
| LIVE FIRE SHOOT HOUSE | --- | 2,000 |
| URBAN ASSAULT COURSE | --- | 2,000 |
| ARMY RESERVE | | |
| SAGINAW | | |
| ARMY RESERVE CENTER/LAND | 11,500 | 11,500 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| MINNESOTA | | |
| ARMY NATIONAL GUARD | | |
| ARDEN HILLS | | |
| READINESS CENTER | 15,000 | 15,000 |
| AIR NATIONAL GUARD | | |
| DULUTH | | |
| REPLACE FUEL CELL HANGAR | --- | 4,500 |
| MINNEAPOLIS-ST PAUL IAP | | |
| AIRCRAFT DEICING APRON | --- | 1,500 |
| MISSISSIPPI | | |
| NAVY | | |
| GULFPORT | | |
| 25 NAVAL CONSTRUCTION REGIMENT HQ FACILITY | 6,900 | 6,900 |
| BATTALION MAINTENANCE FACILITY | --- | 5,870 |
| NAS MERIDIAN | | |
| FITNESS CENTER | --- | 6,340 |
| AIR FORCE | | |
| COLUMBUS AFB | | |
| CHILD DEVELOPMENT CENTER | 8,100 | 8,100 |
| KEESLER AFB | | |
| INDOOR FIRING RANGE | --- | 6,600 |
| AIR NATIONAL GUARD | | |
| GULFPORT-BILOXI IAP | | |
| RELOCATE MUNITIONS STORAGE COMPLEX | --- | 3,400 |
| MISSOURI | | |
| ARMY | | |
| FORT LEONARD WOOD | | |
| CHAPEL COMPLEX | --- | 3,500 |
| MINE DETECTION TRAINING FACILITY AND K-9 KENNEL | --- | 10,800 |
| TRAINING SUPPORT CENTER | 18,500 | 18,500 |
| URBAN ASSAULT COURSE | 2,350 | 2,350 |
| WASTEWATER TREATMENT PLANT | --- | 7,400 |
| AIR FORCE | | |
| WHITEMAN AFB | | |
| SECURITY FORCES ANIMAL COMPLEX | --- | 4,200 |
| DEFENSE-WIDE | | |
| FORT LEONARD WOOD | | |
| PRIMARY CARE CLINIC ADDITION/ALTERATION | 22,000 | 22,000 |
| ARMY RESERVE | | |
| WELDON SPRINGS | | |
| ARMY RESERVE CENTER | 11,700 | 11,700 |
| MONTANA | | |
| AIR FORCE | | |
| MALMSTROM AFB | | |
| UPGRADE WEAPONS STORAGE AREA, PHASE 1 | --- | 10,000 |
| NEVADA | | |
| AIR FORCE | | |
| CREECH AFB | | |
| UAS 432 WING HQ MISSION SPT FACILITY | 7,000 | 7,000 |
| UAS DINING HALL | 9,000 | 9,000 |
| UAS FLIGHT SIM & ACADEMICS FACILITY | 9,800 | 9,800 |
| UAS MAIN GATE/SEWER TRANSFER FACILITY INFRASTRUCTURE | 6,500 | 6,500 |
| UAS OPS FACILITY | 16,200 | 16,200 |
| NELLIS AFB | | |
| AIRFIELD FIRE RESCUE STATION | --- | 9,800 |
| F-16 AGGRESSOR HANGAR/AIRCRAFT MAINT UNIT | 30,800 | 30,800 |
| F-16 AGRESSOR SQUADRON OPS/INFRASTRUCTURE | 17,500 | 17,500 |
| F-35 AIRFIELD PAVEMENTS | 5,000 | 5,000 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| ARMY NATIONAL GUARD | | |
| ELKO | | |
| READINESS CENTER | --- | 11,375 |
| ARMY RESERVE | | |
| LAS VEGAS | | |
| ARMY RESERVE CENTER | 33,900 | 33,900 |
| NEW JERSEY | | |
| ARMY | | |
| PICATINNY ARSENAL | | |
| BALLISTIC EVALUATION FACILITY PH 1 | --- | 9,900 |
| NAVY | | |
| EARLE NAVAL WEAPONS STATION | | |
| MAIN GATE SECURITY IMPROVEMENTS | --- | 8,160 |
| LAKEHURST | | |
| ADVANCED ARRESTING GEAR TEST SITE | 15,440 | 15,440 |
| AIR FORCE | | |
| MCGUIRE AFB | | |
| SECURITY FORCES OPERATIONS FACILITY PH 1 | --- | 7,200 |
| AIR NATIONAL GUARD | | |
| ATLANTIC CITY IAP | | |
| OPERATIONS AND TRAINING FACILITY | --- | 8,400 |
| ARMY RESERVE | | |
| FORT DIX | | |
| MODIFIED RECORD FIRE RANGE | 3,825 | 3,825 |
| NEW MEXICO | | |
| AIR FORCE | | |
| HOLLOMAN AFB | | |
| F-22 ALTER HANGAR FOR LO/CRF | 14,500 | 14,500 |
| F-22A ADAL A/C MAINT UNIT | 1,050 | 1,050 |
| F-22A ADAL FLIGHT SIMULATOR FACILITY | 3,150 | 3,150 |
| F-22A ADAL JET ENGINE MAINTENANCE SHOP | 2,150 | 2,150 |
| F-22A AEROSPACE GROUND EQUIP FACILITY | 4,600 | 4,600 |
| DEFENSE-WIDE | | |
| CANNON AFB | | |
| CV-22 FLIGHT SIMULATOR FACILITY | --- | 8,300 |
| SOF MAINTENANCE HANGAR | 18,100 | 18,100 |
| KIRTLAND AFB | | |
| REPLACE FUEL STORAGE TANKS | 14,400 | 14,400 |
| NEW YORK | | |
| ARMY | | |
| FORT DRUM | | |
| BRIGADE COMPLEX-BARRACKS | 29,000 | 29,000 |
| BRIGADE COMPLEX-BARRACKS | 24,000 | 24,000 |
| REPLACE FIRE STATION | --- | 6,900 |
| UNIT MAINTENANCE FACILITIES | 37,000 | 37,000 |
| U.S. MILITARY ACADEMY | | |
| SCIENCE FACILITY, PH 1 | 67,000 | 67,000 |
| ARMY NATIONAL GUARD | | |
| FORT DRUM | | |
| MANEUVER AREA TRAINING EQUIP SITE PH3 | 11,000 | 11,000 |
| QUEENSBURY | | |
| FIELD MAINTENANCE SHOP | 5,900 | 5,900 |
| AIR NATIONAL GUARD | | |
| GABRESKI AIRPORT | | |
| REPLACE PARARESCUE OPS FACILITY PH 2 | --- | 7,500 |
| HANCOCK FIELD | | |
| TFI - REAPER IOC/FOC BEDDOWN | 5,000 | 5,000 |
| UPGRADE ASOS FACILITIES | --- | 5,400 |
| ARMY RESERVE | | |
| KINGSTON | | |
| ARMY RESERVE CENTER/LAND | 13,494 | 13,494 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| SHOREHAM | | |
| ADD/ALT ARMY RESERVE CENTER | 15,031 | 15,031 |
| STATEN ISLAND | | |
| ARMY RESERVE CENTER | 18,550 | 18,550 |
| AIR FORCE RESERVE | | |
| NIAGARA FALLS ARS | | |
| DINING FACILITY/COMMUNITY CENTER | --- | 9,000 |
| NORTH CAROLINA | | |
| ARMY | | |
| FORT BRAGG | | |
| ACCESS ROADS PHASE 1 | 13,200 | 13,200 |
| ACCESS ROADS PH 1 (ADDITIONAL FUNDS) | --- | 8,600 |
| CHAPEL | --- | 11,600 |
| MASS CASUALTY FACILITY | --- | 1,300 |
| TRAINING SUPPORT CENTER | 20,500 | 20,500 |
| UTILITY UPGRADE (CAMP MACKALL) | 3,200 | 3,200 |
| NAVY | | |
| CAMP LEJEUNE | | |
| BACHELOR ENLISTED QUARTERS - CAMP JOHNSON | 38,230 | 38,230 |
| BACHELOR ENLISTED QUARTERS - CAMP JOHNSON | 23,760 | 23,760 |
| BACHELOR ENLISTED QUARTERS - FRENCH CREEK | 33,960 | 33,960 |
| BACHELOR ENLISTED QUARTERS - HADNOT POINT | 39,890 | 39,890 |
| BACHELOR ENLISTED QUARTERS - HADNOT POINT | 39,320 | 39,320 |
| BACHELOR ENLISTED QUARTERS- COURTHOUSE BAY | 35,890 | 35,890 |
| BACHELOR ENLISTED QUARTERS- HADNOT POINT | 42,950 | 42,950 |
| CHILD DEVELOPMENT CENTER | 13,960 | 13,960 |
| CONSOLIDATED MESSHALL-HADNOT POINT (200 AREA) | 25,000 | 25,000 |
| INFANTRY PLATOON BATTLE COURSE - SR1 | 18,250 | 18,250 |
| MESSHALL - HADNOT POINT (400 AREA) | 21,660 | 21,660 |
| MOD K-RANGES (PHASE 2) | 20,220 | 20,220 |
| CHERRY POINT MARINE CORPS AIR STATION | | |
| 2ND MAW COMMAND OPERATIONS FACILITY | 30,480 | 30,480 |
| BACHELOR ENLISTED QUARTERS | 30,100 | 30,100 |
| ENGINEERING PRODUCT SUPPORT FACILITY | 16,840 | 16,840 |
| NEW RIVER | | |
| AIRCRAFT PARKING APRON ADDITION | 6,830 | 6,830 |
| BACHELOR ENLISTED QUARTERS | 36,740 | 36,740 |
| BACHELOR ENLISTED QUARTERS - MCAS | 25,620 | 25,620 |
| ENLISTED DINING FACILITY | 17,090 | 17,090 |
| AIR FORCE | | |
| SEYMOUR JOHNSON AFB | | |
| CONSOLIDATED SUPPORT CENTER | --- | 12,200 |
| DEFENSE-WIDE | | |
| CAMP LEJEUNE | | |
| HOSPITAL RENOVATION & MRI ADDITION | --- | 57,900 |
| FORT BRAGG | | |
| NEW ELEMENTARY SCHOOL | 28,170 | 28,170 |
| NEW INTERMEDIATE SCHOOL (IRWIN) | 27,945 | 27,945 |
| NEW MIDDLE SCHOOL | 22,356 | 22,356 |
| SOF EXPAND TRAINING COMPOUND | 14,200 | 14,200 |
| SOF HEADQUARTERS FACILITY | 14,600 | 14,600 |
| SOF SECURITY/FORCE PROTECTION | 4,150 | 4,150 |
| SOF TRAINING FACILITY | 5,300 | 5,300 |
| ARMY RESERVE | | |
| RALEIGH | | |
| ARMY RESERVE CENTER/LAND | 25,581 | 25,581 |
| NORTH DAKOTA | | |
| AIR FORCE | | |
| GRAND FORKS AFB | | |
| FIRE STATION | --- | 13,000 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| OHIO | | |
| AIR FORCE | | |
| WRIGHT-PATTERSON AFB | | |
| SECURITY FORCES OPERATIONS FACILITY | --- | 14,000 |
| ARMY NATIONAL GUARD | | |
| CAMP PERRY | | |
| BARRACKS | --- | 2,000 |
| RAVENNA | | |
| BARRACKS | --- | 2,000 |
| AIR NATIONAL GUARD | | |
| SPRINGFIELD-BECKLEY ANGB | | |
| COMBAT COMMUNICATIONS TRAINING FACILITY | --- | 12,800 |
| OKLAHOMA | | |
| ARMY | | |
| FORT SILL | | |
| TRAINING COMPLEX UPGRADE | 63,000 | 63,000 |
| MCALESTER AAP | | |
| AP3 CONNECTING RAIL | --- | 5,800 |
| AIR FORCE | | |
| ALTUS AFB | | |
| CONSOL DIGITAL AIRPORT SURVEILL RADAR/RAPCON FAC | --- | 10,200 |
| TINKER AFB | | |
| AIRCRAFT MAINTENANCE HANGAR | 48,600 | 48,600 |
| REALIGN AIR DEPOT STREET | --- | 5,400 |
| DEFENSE-WIDE | | |
| ALTUS AFB | | |
| REPLACE FUEL STORAGE DIKES | 2,850 | 2,850 |
| TINKER AFB | | |
| MEDICAL/DENTAL CLINIC REPLACEMENT | 65,000 | 65,000 |
| AIR FORCE RESERVE | | |
| TINKER AFB | | |
| AFR SCHEDULED MAINTENANCE HANGAR | 9,900 | 9,900 |
| PENNSYLVANIA | | |
| ARMY | | |
| CARLISLE BARRACKS | | |
| MUSEUM SUPPORT FACILITY | 13,400 | 13,400 |
| LETTERKENNY ARMY DEPOT | | |
| UPGRADE MUNITION IGLOOS PH 2 | --- | 7,500 |
| TOBYHANNA ARMY DEPOT | | |
| ELECTRONICS MAINTENANCE SHOP | 15,000 | 15,000 |
| NAVY | | |
| PHILADELPHIA | | |
| FULL SCALE ELECTRIC DRIVE TEST FACILITY | 22,020 | 22,020 |
| DEFENSE-WIDE | | |
| PHILADELPHIA | | |
| CONVERT WAREHOUSE TO ADMIN SPACE | 1,200 | 1,200 |
| ARMY NATIONAL GUARD | | |
| HONESDALE | | |
| READINESS CENTER ADD/ALT | --- | 6,117 |
| ARMY RESERVE | | |
| LETTERKENNY ARMY DEPOT | | |
| ARMY RESERVE CENTER | 14,914 | 14,914 |
| RHODE ISLAND | | |
| NAVY | | |
| NEWPORT | | |
| FITNESS FACILITY | 29,900 | 29,900 |
| UNMANNED ASW SUPPORT FACILITY | --- | 9,900 |
| ARMY NATIONAL GUARD | | |
| NORTH KINGSTOWN | | |
| ARMY AVIATION SUPPORT FACILITY | --- | 5,000 |
| AIR NATIONAL GUARD | | |
| QUONSET STATE AIRPORT | | |
| CONSTRUCT AIR TRAFFIC CONTROL TOWER | --- | 7,700 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| SOUTH CAROLINA | | |
| ARMY | | |
| FORT JACKSON | | |
| TRAINING COMPLEX UPGRADE | 30,000 | 30,000 |
| NAVY | | |
| BEAUFORT | | |
| EOD/ORDNANCE OPERATIONS FACILITY | 5,940 | 5,940 |
| PARRIS ISLAND | | |
| THIRD RECRUIT TRAINING BATTALION (PHASE 2) | 36,400 | 36,400 |
| THIRD RECRUIT TRAINING BN COMPLEX (PHASE 3) | 28,350 | 28,350 |
| AIR FORCE | | |
| CHARLESTON AFB | | |
| C-17 FLIGHT SIMULATOR ADDITION | 4,500 | 4,500 |
| SHAW AFB | | |
| PHYSICAL FITNESS CENTER | --- | 9,900 |
| ARMY NATIONAL GUARD | | |
| ANDERSON | | |
| READINESS CENTER | 12,000 | 12,000 |
| BEAUFORT | | |
| READINESS CENTER ADD/ALT | 3,400 | 3,400 |
| EASTOVER | | |
| JOINT FORCES HEADQUARTERS | 28,000 | 28,000 |
| HEMINGWAY | | |
| FIELD MAINTENANCE SHOP PH 1 | --- | 4,600 |
| SOUTH DAKOTA | | |
| AIR FORCE | | |
| ELLSWORTH AIR FORCE BASE | | |
| BASE ENTRY AND PERIMETER GATES | --- | 11,000 |
| ARMY NATIONAL GUARD | | |
| RAPID CITY | | |
| ARMED FORCES RESERVE CENTER | 29,000 | 29,000 |
| BARRACKS/DINING/ADMIN AND PARKING COMPLEX PHASE 1 | --- | 14,463 |
| AIR NATIONAL GUARD | | |
| JOE FOSS FIELD | | |
| AIRCRAFT READY SHELTERS/AMU | --- | 4,500 |
| TENNESSEE | | |
| ARMY NATIONAL GUARD | | |
| TULLAHOMA | | |
| READINESS CENTER | --- | 10,372 |
| AIR NATIONAL GUARD | | |
| KNOXVILLE (MCGHEE-TYSON AP) | | |
| REPLACE SQUADRON OPERATIONS | --- | 8,000 |
| ARMY RESERVE | | |
| CHATTANOOGA | | |
| ARMY RESERVE CENTER | 10,600 | 10,600 |
| TEXAS | | |
| ARMY | | |
| CAMP BULLIS | | |
| LIVE FIRE SHOOT HOUSE | --- | 4,200 |
| CORPUS CHRISTI | | |
| DYNAMIC COMPONENT REBUILD FACILITY | 39,000 | 39,000 |
| FORT BLISS | | |
| BARRACKS & DINING | 148,000 | 148,000 |
| BARRACKS & DINING | 148,000 | 148,000 |
| BATTALION COMPLEX | 34,000 | 34,000 |
| BRIGADE/BATTALION HQS | 44,000 | 44,000 |
| BRIGADE/BATTALION HQS | 44,000 | 44,000 |
| CHAPEL | 9,000 | 9,000 |
| COMPANY OPERATIONS FACILITIES, BCT | 90,000 | 90,000 |
| COMPANY OPERATIONS FACILITIES, BCT1 | 90,000 | 90,000 |
| DIGITAL MULTIPURPOSE RANGE COMPLEX | 42,000 | 42,000 |
| INFRASTRUCTURE, IBCT1 | 98,000 | 98,000 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| INFRASTRUCTURE, IBCT2 | 100,000 | 100,000 |
| MEDICAL PARKING GARAGE PH 1 | --- | 12,500 |
| TRAINING SUPPORT CENTER | 12,600 | 12,600 |
| UNIT MAINTENANCE FACILITIES | 10,200 | 10,200 |
| VEHICLE MAINTENANCE SHOPS | 81,000 | 81,000 |
| VEHICLE MAINTENANCE SHOPS | 81,000 | 81,000 |
| FORT HOOD | | |
| CHAPEL WITH EDUCATION CENTER | --- | 17,500 |
| UNIT MAINTENANCE FACILITIES | 32,000 | 32,000 |
| FORT SAM HOUSTON | | |
| AIT BARRACKS | --- | 47,000 |
| TRAINEE BARRACKS COMPLEX | 96,000 | 96,000 |
| RED RIVER ARMY DEPOT | | |
| MANEUVER SYSTEMS SUSTAINMENT CTR, PHASE 1 | 6,900 | 6,900 |
| NAVY | | |
| CORPUS CHRISTI | | |
| PARKING APRON RECAP PH 1 | --- | 3,500 |
| KINGSVILLE | | |
| FITNESS CENTER | --- | 11,580 |
| AIR FORCE | | |
| DYESS AFB | | |
| MULTIPURPOSE C-130 MAINTENANCE HANGAR | --- | 21,000 |
| FORT HOOD | | |
| TACP JOINT AIR GROUND CTR | 10,800 | 10,800 |
| LACKLAND AFB | | |
| BMT RECRUIT DORMITORY | 75,515 | 75,515 |
| DEFENSE-WIDE | | |
| FORT SAM HOUSTON | | |
| MEDICAL INSTRUCTIONAL FACILITY | 13,000 | 13,000 |
| AIR NATIONAL GUARD | | |
| ELLINGTON FIELD | | |
| ASOS FACILITY | --- | 7,600 |
| FORT WORTH NAS/JRB | | |
| SECURITY FORCES TRAINING FACILITY | --- | 5,000 |
| ARMY RESERVE | | |
| SINTON | | |
| ARMY RESERVE CENTER | 9,700 | 9,700 |
| UTAH | | |
| AIR FORCE | | |
| HILL AFB | | |
| F-22A HEAVY MAINT FACILITY & COMPOSITE BACK SHOP | 36,000 | 36,000 |
| THREE-BAY FIRE STATION | --- | 5,400 |
| DEFENSE-WIDE | | |
| HILL AFB | | |
| HYDRANT FUEL SYSTEM | 20,400 | 20,400 |
| ARMY NATIONAL GUARD | | |
| CAMP WILLIAMS | | |
| AMMUNITION SUPPLY POINT | 17,500 | 17,500 |
| VERMONT | | |
| ARMY NATIONAL GUARD | | |
| ETHAN ALLEN FIRING RANGE JERICHO | | |
| READINESS CENTER | --- | 10,200 |
| AIR NATIONAL GUARD | | |
| BURLINGTON IAP | | |
| SECURITY FORCES AND COMM FACILITY | 6,600 | 6,600 |
| VIRGINIA | | |
| ARMY | | |
| FORT BELVOIR | | |
| EMERGENCY SERVICES CENTER | 7,200 | 7,200 |
| FORT EUSTIS | | |
| TRAINING SUPPORT CENTER, PHASE 1 | --- | 13,600 |
| UNIT OPERATIONS FACILITIES | 14,400 | 14,400 |
| VEHICLE PAINT FACILITY | --- | 3,900 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| FORT LEE | | |
| DINING FACILITY | 10,600 | 10,600 |
| TRAINEE BARRACKS COMPLEX | 90,000 | 90,000 |
| FORT MYER | | |
| BARRACKS | 14,000 | 14,000 |
| NAVY | | |
| NORFOLK | | |
| CHILD DEVELOPMENT CENTER | 10,500 | 10,500 |
| FIRE AND EMERGENCY SERVICES STATION | --- | 9,960 |
| NORFOLK HARBOR CHANNEL DREDGING | 42,830 | 42,830 |
| NORFOLK NSY | | |
| INDUSTRIAL ACCESS IMPROVEMENTS, MAIN GATE 15 | --- | 9,990 |
| QUANTICO | | |
| AIRCRAFT MAINTENANCE HANGAR, TYPE II | 27,750 | 27,750 |
| AIRCRAFT PARKING APRON (GREEN SIDE) | 36,280 | 36,280 |
| INFRASTRUCTURE - RUSSELL ROAD (PHASE 1) | 7,450 | 7,450 |
| INSTRUCTION FACILITY ADDITION - TBS | 6,350 | 6,350 |
| INSTRUCTION FACILITY TBS (PHASE I) | 25,200 | 25,200 |
| MESS HALL - OCS | 13,750 | 13,750 |
| OCS HEADQUARTERS FACILITY | --- | 5,980 |
| STUDENT QUARTERS - TBS (PHASE 3) | 27,530 | 27,530 |
| DEFENSE-WIDE | | |
| CRANEY ISLAND | | |
| REPLACE FUEL STORAGE TANKS | 39,900 | 39,900 |
| DAM NECK | | |
| SOF OPERATIONAL FACILITY INC II | 31,000 | 31,000 |
| FORT STORY | | |
| SOF SMALL ARMS RANGE | 11,600 | 11,600 |
| PENTAGON | | |
| PENTAGON ATHLETIC CENTER PHASE 2 | 6,967 | 6,967 |
| PFPA HAZMAT FACILITY | 16,401 | 16,401 |
| RAVEN ROCK WEST POWER PLANT | 15,572 | 15,572 |
| ARMY NATIONAL GUARD | | |
| ARLINGTON | | |
| ARLINGTON HALL READINESS CENTER PH2 | 15,500 | 15,500 |
| FORT PICKETT | | |
| MULTIPURPOSE MACHINE GUN RANGE | 2,950 | 2,950 |
| NAVY RESERVE | | |
| NORFOLK | | |
| EODMU 10 OPERATIONS FACILITY | 8,170 | 8,170 |
| WILLIAMSBURG | | |
| ORDNANCE HANDLING CARGO OPS TRAINING SUPPORT | 12,320 | 12,320 |
| WASHINGTON | | |
| ARMY | | |
| FORT LEWIS | | |
| BATTALION COMPLEX | 54,000 | 54,000 |
| BATTALION COMPLEX | 47,000 | 47,000 |
| BRIGADE COMPLEX | 30,000 | 30,000 |
| BRIGADE COMPLEX, INCR 3 | 102,000 | 102,000 |
| CHILD DEVELOPMENT CENTER | 27,000 | 27,000 |
| NAVY | | |
| BANGOR | | |
| LIMITED AREA PROD & STORAGE COMPLEX (INC V) | 50,700 | 50,700 |
| KITSAP | | |
| SALTWATER COOLING & FIRE PROTECTION IMPROVEMENTS | --- | 5,110 |
| WHIDBEY ISLAND | | |
| FIREFIGHTING FACILITY | --- | 6,160 |
| HANGAR 5 RECAPITALIZATION (INCREMENTED) | 34,000 | 34,000 |
| AIR FORCE | | |
| MCCHORD AFB | | |
| C-17 ADAL FLIGHT SIMULATOR | 5,500 | 5,500 |
| DEFENSE-WIDE | | |
| FORT LEWIS | | |
| SOF RANGER BATTALION COMPLEX | 38,000 | 38,000 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| ARMY NATIONAL GUARD | | |
| FORT LEWIS | | |
| AVIATION READINESS CENTER | 32,000 | 32,000 |
| AIR NATIONAL GUARD | | |
| MCCHORD AFB | | |
| 262 INFO WARFARE AGGRESSOR SQUADRON FACILITY | --- | 8,600 |
| ARMY RESERVE | | |
| SEATTLE | | |
| ARMY RESERVE CENTER | 37,500 | 37,500 |
| WEST VIRGINIA | | |
| ARMY NATIONAL GUARD | | |
| CAMP DAWSON | | |
| ACCESS CONTROL POINT | --- | 2,000 |
| MULTI-PURPOSE BUILDING PH 2 | --- | 5,000 |
| SHOOT HOUSE | --- | 2,000 |
| AIR NATIONAL GUARD | | |
| YEAGER AIRPORT, CHARLESTON | | |
| FUEL SYSTEM/CORROSION CONTROL HANGAR | --- | 27,000 |
| WISCONSIN | | |
| AIR NATIONAL GUARD | | |
| TRUAX FIELD | | |
| COMMUNICATIONS AND AUDIO VISUAL TRAINING FACILITY | --- | 6,300 |
| ARMY RESERVE | | |
| FORT MCCOY | | |
| AUTO QUALIFICATION TRAINING RANGE | 4,000 | 4,000 |
| WYOMING | | |
| AIR FORCE | | |
| F. E. WARREN AFB | | |
| RENOVATE HISTORIC DORMITORY | 8,600 | 8,600 |
| AIR NATIONAL GUARD | | |
| CHEYENNE MAP | | |
| TFI - C-130 SQDN OPERATIONS FACILITY | 7,000 | 7,000 |
| AFGHANISTAN | | |
| ARMY | | |
| BAGRAM AIR BASE | | |
| BULK FUEL STORAGE & SUPPLY, PHASE 8 | 26,000 | 26,000 |
| BULK FUEL STORAGE & SUPPLY, PHASE 5 | 22,000 | 22,000 |
| SOF HQ COMPLEX | 19,000 | 19,000 |
| AIR FORCE | | |
| BAGRAM AIR BASE | | |
| C-130 MAINTENANCE HANGAR | 27,400 | 27,400 |
| CARGO HANDLING AREA EXPANSION | 8,800 | 8,800 |
| REFUELER RAMP | 21,000 | 21,000 |
| DIEGO GARCIA | | |
| NAVY | | |
| DIEGO GARCIA | | |
| WHARF UPGRADE AND WAREHOUSE | 35,060 | 35,060 |
| DJIBOUTI | | |
| NAVY | | |
| CAMP LEMONIER | | |
| AIRCRAFT MAINTENANCE HANGAR | 12,830 | 12,830 |
| AIRCRAFT PARKING APRON | 15,250 | 15,250 |
| TELCOM FACILITY | 3,330 | 3,330 |
| GERMANY | | |
| ARMY | | |
| KATTERBACH | | |
| AIRCRAFT/VEHICLE MAINTENANCE COMPLEX | 19,000 | 19,000 |
| WIESBADEN MILITARY COMMUNITY | | |
| COMMAND & BATTLE CENTER, INCREMENT I | 119,000 | 59,500 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| DEFENSE-WIDE | | |
| GERMERSHEIM | | |
| LOGISTICS DISTRIBUTION CENTER EUROPE | 48,000 | 48,000 |
| GREECE | | |
| DEFENSE-WIDE | | |
| SOUDA BAY | | |
| FUEL STORAGE TANKS AND PIPELINE REPLACEMENT | 27,761 | 8,000 |
| GUAM | | |
| NAVY | | |
| GUAM NB | | |
| BACHELOR ENLISTED QUARTERS, MAIN BASE | 62,360 | 62,360 |
| KILO WHARF EXTENSION | 50,912 | 50,912 |
| WASTEWATER COLLECTION SYSTEM & UPGRADE | 26,070 | 26,070 |
| AIR FORCE | | |
| ANDERSEN AFB | | |
| COMBAT COMM MAINTENANCE FACILITY | 5,200 | 5,200 |
| ISR/STF REALIGN ARC LIGHT BOULEVARD | --- | 5,400 |
| DEFENSE-WIDE | | |
| GUAM NH | | |
| CENTRAL UTILITY PLANT | 30,000 | 30,000 |
| GUANTANAMO BAY, CUBA | | |
| NAVY | | |
| GUANTANAMO BAY | | |
| CONSOLIDATED FITNESS COMPLEX | 20,600 | 20,600 |
| ITALY | | |
| ARMY | | |
| VICENZA | | |
| BDE COMPLEX-BARRACKS/COMMUNITY, INCR 2 | 15,000 | 15,000 |
| BDE COMPLEX-OPERATIONS SPT FACILITY, INCR 2 | 15,000 | 15,000 |
| JAPAN | | |
| ARMY | | |
| CAMP ZAMA | | |
| SENSITIVE COMPARTMENTED INFORMATION FACILITY | 2,350 | 2,350 |
| SAGAMIHARA | | |
| BATTLE COMMAND TRAINING CENTER | 17,500 | 17,500 |
| KOREA | | |
| ARMY | | |
| CAMP HUMPHREYS | | |
| VEHICLE MAINTENANCE SHOP | 20,000 | 20,000 |
| KYRGYZSTAN | | |
| AIR FORCE | | |
| MANAS AIR BASE | | |
| HOT CARGO PAD | 6,000 | 6,000 |
| QATAR | | |
| AIR FORCE | | |
| AL UDEID | | |
| CAS PARKING APRON | 59,638 | --- |
| DEFENSE-WIDE | | |
| AL UDEID | | |
| SOF TRAINING RANGE | 9,200 | 9,200 |
| UNITED KINGDOM | | |
| AIR FORCE | | |
| ROYAL AIR FORCE LAKENHEATH | | |
| LARGE VEHICLE INSPECTION STATION | 7,400 | 7,400 |
| NATO SECURITY INVESTMENT PROGRAM | 240,867 | 230,867 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| WORLDWIDE CLASSIFIED | | |
| AIR FORCE | | |
| SPECIAL EVALUATION PROGRAM | 891 | 891 |
| WORLDWIDE UNSPECIFIED | | |
| ARMY | | |
| HOST NATION SUPPORT | 24,000 | 24,000 |
| MINOR CONSTRUCTION | 23,000 | 23,000 |
| PLANNING AND DESIGN | 176,807 | 154,685 |
| RESCISSION (P.L. 110-5) | --- | -34,720 |
| RESCISSION (P.L. 110-161) | --- | -16,600 |
| NAVY | | |
| DATA CENTER | 28,000 | 35,000 |
| JOINT OPERATIONS & SUPPORT COMPLEX, PH 1 | 17,800 | 17,800 |
| PLANNING AND DESIGN | 239,128 | 246,528 |
| MINOR CONSTRUCTION | 13,670 | 13,670 |
| AIR FORCE | | |
| COMMON BATTLEFIELD AIRMAN TRAINING COMPLEX | 15,000 | --- |
| UAS FIELD TRAINING UNIT MAINTENANCE COMPLEX | 22,000 | 22,000 |
| UAS FIELD TRAINING UNIT OPS COMPLEX | 15,500 | 15,500 |
| PLANNING AND DESIGN | 70,494 | 83,436 |
| STRATCOM REPLACEMENT FACILITY DESIGN | --- | 10,000 |
| MINOR CONSTRUCTION | 15,000 | 15,000 |
| RESCISSION (P.L. 110-161) | --- | -20,821 |
| DEFENSE-WIDE | | |
| AN/TPY-2 #3 | 25,500 | --- |
| BMDS-EUROPEAN INTERCEPTOR SITE | 132,600 | 42,600 |
| BMDS-EUROPEAN MIDCOURSE RADAR SITE | 108,560 | 108,560 |
| CONTINGENCY CONSTRUCTION | 10,000 | 5,000 |
| ENERGY CONSERVATION INVESTMENT PROGRAM | 80,000 | 90,000 |
| RESCISSION (P.L. 108-324) | --- | -3,589 |
| PLANNING AND DESIGN | | |
| DEPARTMENT OF DEFENSE DEPENDENT EDUCATION | 1,830 | 1,830 |
| MISSILE DEFENSE AGENCY | 14,889 | 14,889 |
| NATIONAL SECURITY AGENCY | 20,221 | 17,721 |
| SPECIAL OPERATIONS COMMAND | 16,833 | 14,533 |
| TRICARE MANAGEMENT ACTIVITY | 58,252 | 111,087 |
| UNDISTRIBUTED | 43,768 | 26,000 |
| UNSPECIFIED MINOR CONSTRUCTION | | |
| DEFENSE LOGISTICS AGENCY | 4,099 | 4,099 |
| DEPARTMENT OF DEFENSE DEPENDENT EDUCATION | 382 | 382 |
| THE JOINT STAFF | 9,228 | 9,228 |
| MISSILE DEFENSE AGENCY | 3,457 | 3,457 |
| SPECIAL OPERATIONS COMMAND | 7,697 | 7,697 |
| TRICARE MANAGEMENT ACTIVITY | 3,990 | 3,990 |
| UNDISTRIBUTED | 3,000 | --- |
| ARMY NATIONAL GUARD | | |
| PLANNING AND DESIGN | 48,796 | 58,825 |
| MINOR CONSTRUCTION | 11,800 | 19,020 |
| RESCISSION (P.L. 110-161) | --- | -1,400 |
| AIR NATIONAL GUARD | | |
| PLANNING AND DESIGN | 5,374 | 15,724 |
| MINOR CONSTRUCTION | 7,200 | 12,200 |
| ARMY RESERVE | | |
| PLANNING AND DESIGN | 13,963 | 14,883 |
| MINOR CONSTRUCTION | 3,100 | 3,100 |
| NAVY RESERVE | | |
| PLANNING AND DESIGN | 2,045 | 2,045 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| AIR FORCE RESERVE | | |
| PLANNING AND DESIGN | 3,922 | 6,165 |
| MINOR CONSTRUCTION | 5,443 | 5,443 |
| FAMILY HOUSING CONSTRUCTION, ARMY | | |
| GERMANY | | |
| WIESBADEN | | |
| FAMILY HOUSING REPLACEMENT | 32,000 | 32,000 |
| WIESBADEN AB | | |
| FAMILY HOUSING REPLACEMENT | 20,000 | 10,000 |
| FAMILY HOUSING REPLACEMENT | 43,000 | 32,000 |
| FAMILY HOUSING REPLACEMENT | 38,000 | 27,000 |
| KOREA | | |
| CAMP HUMPHREYS | | |
| FAMILY HOUSING NEW CONSTRUCTION | 125,000 | 125,000 |
| CONSTRUCTION IMPROVEMENTS | 420,001 | 420,001 |
| PLANNING AND DESIGN | 579 | 579 |
| FAMILY HOUSING OPERATION & MAINTENANCE, ARMY | | |
| UTILITIES ACCOUNT | 113,017 | 113,017 |
| SERVICES ACCOUNT | 22,437 | 22,437 |
| MANAGEMENT ACCOUNT | 60,254 | 60,254 |
| MISCELLANEOUS ACCOUNT | 1,241 | 1,241 |
| FURNISHINGS ACCOUNT | 42,089 | 42,089 |
| LEASING | 192,849 | 192,849 |
| MAINTENANCE OF REAL PROPERTY | 252,189 | 252,189 |
| PRIVATIZATION SUPPORT COSTS | 32,034 | 32,034 |
| FAMILY HOUSING CONSTRUCTION, NAVY AND MARINE CORPS | | |
| GUANTANAMO | | |
| GUANTANAMO NAVAL STATION | | |
| REPLACE BARGO HOUSING | 22,385 | 21,435 |
| REPLACE GRANADILLO CIRCLE HOUSING | 16,547 | 15,846 |
| REPLACE GRANADILLO POINT HOUSING | 23,666 | 22,662 |
| CONSTRUCTION IMPROVEMENTS | 318,011 | 318,011 |
| PLANNING AND DESIGN | 2,169 | 2,169 |
| FAMILY HOUSING OPERATION & MAINTENANCE, NAVY AND MARINE CORPS | | |
| UTILITIES ACCOUNT | 44,068 | 44,068 |
| SERVICES ACCOUNT | 13,347 | 13,347 |
| MANAGEMENT ACCOUNT | 60,063 | 60,063 |
| MISCELLANEOUS ACCOUNT | 655 | 655 |
| FURNISHINGS ACCOUNT | 15,036 | 15,036 |
| LEASING | 130,261 | 130,261 |
| MAINTENANCE OF REAL PROPERTY | 87,074 | 87,074 |
| PRIVATIZATION SUPPORT COSTS | 25,558 | 25,558 |
| FAMILY HOUSING CONSTRUCTION, AIR FORCE | | |
| UNITED KINGDOM | | |
| RAF LAKENHEATH | | |
| REPLACE FAMILY HOUSING (182 UNITS) | 71,828 | 71,828 |
| CONSTRUCTION IMPROVEMENTS | 316,343 | 316,343 |
| PLANNING AND DESIGN | 7,708 | 7,708 |

MILITARY CONSTRUCTION
(AMOUNTS IN THOUSANDS)

| | BUDGET REQUEST | FINAL BILL |
|---|---|---|
| FAMILY HOUSING OPERATION & MAINTENANCE, AIR FORCE | | |
| UTILITIES ACCOUNT | 100,997 | 100,997 |
| MANAGEMENT ACCOUNT | 58,396 | 53,396 |
| SERVICES ACCOUNT | 20,166 | 20,166 |
| FURNISHINGS ACCOUNT | 42,189 | 42,189 |
| MISCELLANEOUS ACCOUNT | 1,999 | 1,999 |
| LEASING | 94,246 | 94,246 |
| MAINTENANCE | 227,912 | 227,912 |
| DEBT ACCOUNT | 1 | 1 |
| PRIVATIZATION SUPPORT COSTS | 53,559 | 53,559 |
| FAMILY HOUSING CONSTRUCTION, DEFENSE-WIDE | | |
| RESCISSION (P.L. 110-5) | --- | -6,040 |
| FAMILY HOUSING OPERATION & MAINTENANCE, DEFENSE-WIDE | | |
| OPERATION AND MAINTENANCE | | |
| UTILITIES ACCOUNT (NSA) | 7 | 7 |
| FURNISHINGS ACCOUNT (NSA) | 28 | 28 |
| LEASING (NSA) | 10,407 | 10,407 |
| MAINTENANCE OF REAL PROPERTY (NSA) | 70 | 70 |
| FURNISHINGS ACCOUNT (DIA) | 4,359 | 4,359 |
| LEASING (DIA) | 33,066 | 33,066 |
| UTILITIES ACCOUNT (DLA) | 346 | 346 |
| FURNISHINGS ACCOUNT (DLA) | 38 | 38 |
| SERVICES ACCOUNT (DLA) | 33 | 33 |
| MANAGEMENT ACCOUNT (DLA) | 382 | 382 |
| MAINTENANCE OF REAL PROPERTY (DLA) | 495 | 495 |
| DOD FAMILY HOUSING IMPROVEMENT FUND | 850 | 850 |
| HOMEOWNERS ASSISTANCE PROGRAM | 4,500 | 4,500 |
| BASE REALIGNMENT AND CLOSURE | | |
| BASE REALIGNMENT AND CLOSURE ACCOUNT, 1990 | 393,377 | 458,377 |
| BASE REALIGNMENT AND CLOSURE ACCOUNT, 2005 | 9,065,386 | 8,765,613 |
| AIR NATIONAL GUARD FIRE STATIONS | --- | 28,000 |
| ARMY NATIONAL GUARD AVIATION AND TRAINING | --- | 147,000 |
| GRAND TOTAL | 24,400,239 | 25,049,583 |

MILITARY CONSTRUCTION - VETERANS AFFAIRS AND RELATED AGENCIES APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE I - DEPARTMENT OF DEFENSE | | | | | |
| Military construction, Army | 3,936,583 | 4,615,920 | 4,692,648 | +756,065 | +76,728 |
| Rescission | -8,690 | --- | -51,320 | -42,630 | -51,320 |
| Emergency appropriations (P.L. 110-252) | 1,108,200 | --- | --- | -1,108,200 | --- |
| Total | 5,036,093 | 4,615,920 | 4,641,328 | -394,765 | +25,408 |
| Military construction, Navy and Marine Corps | 2,198,394 | 3,096,399 | 3,333,369 | +1,134,975 | +236,970 |
| Rescission | -10,557 | --- | --- | +10,557 | --- |
| Emergency appropriations (P.L. 110-252) | 355,907 | --- | --- | -355,907 | --- |
| Total | 2,543,744 | 3,096,399 | 3,333,369 | +789,625 | +236,970 |
| Military construction, Air Force | 1,159,747 | 934,892 | 1,117,746 | -42,001 | +182,854 |
| Rescission | -10,470 | --- | -20,821 | -10,351 | -20,821 |
| Emergency appropriations (P.L. 110-252) | 399,627 | --- | --- | -399,627 | --- |
| Total | 1,548,904 | 934,892 | 1,096,925 | -451,979 | +162,033 |
| Military construction, Defense-Wide | 1,609,596 | 1,783,998 | 1,695,204 | +85,608 | -88,794 |
| Rescission | -10,192 | --- | -3,589 | +6,603 | -3,589 |
| Emergency appropriations (P.L. 110-252) | 890,921 | --- | --- | -890,921 | --- |
| Total | 2,490,325 | 1,783,998 | 1,691,615 | -798,710 | -92,383 |
| Total, Active components | 11,619,066 | 10,431,209 | 10,763,237 | -855,829 | +332,028 |
| Military construction, Army National Guard | 536,656 | 539,296 | 736,317 | +199,661 | +197,021 |
| Rescission | --- | --- | -1,400 | -1,400 | -1,400 |
| Total | 536,656 | 539,296 | 734,917 | +198,261 | +195,621 |
| Military construction, Air National Guard | 287,537 | 34,374 | 242,924 | -44,613 | +208,550 |
| Military construction, Army Reserve | 148,133 | 281,687 | 282,607 | +134,474 | +920 |
| Military construction, Navy Reserve | 64,430 | 57,045 | 57,045 | -7,385 | --- |
| Military construction, Air Force Reserve | 28,359 | 19,265 | 36,958 | +8,599 | +17,693 |
| Rescission | -3,069 | --- | --- | +3,069 | --- |
| Total | 25,290 | 19,265 | 36,958 | +11,668 | +17,693 |
| Total, Reserve components | 1,062,046 | 931,667 | 1,354,451 | +292,405 | +422,784 |
| Total, Military construction | 12,681,112 | 11,362,876 | 12,117,688 | -563,424 | +754,812 |
| Appropriations | (9,969,435) | (11,362,876) | (12,194,818) | (+2,225,383) | (+831,942) |
| Rescissions | (-42,978) | --- | (-77,130) | (-34,152) | (-77,130) |
| North Atlantic Treaty Organization Security Investment Program | 201,400 | 240,867 | 230,867 | +29,467 | -10,000 |
| Family housing construction, Army | 424,400 | 678,580 | 646,580 | +222,180 | -32,000 |
| Rescission | -4,559 | --- | --- | +4,559 | --- |
| Total | 419,841 | 678,580 | 646,580 | +226,739 | -32,000 |
| Family housing operation and maintenance, Army | 731,920 | 716,110 | 716,110 | -15,810 | --- |
| Family housing construction, Navy and Marine Corps | 293,129 | 382,778 | 380,123 | +86,994 | -2,655 |
| Emergency appropriations (P.L. 110-252) | 11,766 | --- | --- | -11,766 | --- |
| Total | 304,895 | 382,778 | 380,123 | +75,228 | -2,655 |
| Family housing operation and maintenance, Navy and Marine Corps | 371,404 | 376,062 | 376,062 | +4,658 | --- |
| Family housing construction, Air Force | 327,747 | 395,879 | 395,879 | +68,132 | --- |
| Rescission | -15,000 | --- | --- | +15,000 | --- |
| Total | 312,747 | 395,879 | 395,879 | +83,132 | --- |
| Family housing operation and maintenance, Air Force | 688,335 | 599,465 | 594,465 | -93,870 | -5,000 |
| Family housing construction, Defense-Wide | --- | --- | --- | --- | --- |
| Rescission | --- | --- | -6,040 | -6,040 | -6,040 |
| Total | --- | --- | -6,040 | -6,040 | -6,040 |

MILITARY CONSTRUCTION - VETERANS AFFAIRS AND RELATED AGENCIES APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Family housing operation and maintenance, Defense-Wide | 48,848 | 49,231 | 49,231 | +383 | --- |
| Department of Defense Family Housing Improvement Fund | 500 | 850 | 850 | +350 | --- |
| Homeowners assistance fund | --- | 4,500 | 4,500 | +4,500 | --- |
| Total, Family housing | 2,878,490 | 3,203,455 | 3,157,760 | +279,270 | -45,695 |
| Appropriations | (2,886,283) | (3,203,455) | (3,163,800) | (+277,517) | (-39,655) |
| Rescissions | (-19,559) | --- | (-6,040) | (+13,519) | (-6,040) |
| Chemical demilitarization construction, Defense-Wide | 104,176 | 134,278 | 144,278 | +40,102 | +10,000 |
| Base realignment and closure: | | | | | |
| Base realignment and closure account, 1990 | 295,689 | 393,377 | 458,377 | +162,688 | +65,000 |
| Base realignment and closure account, 2005 | 7,235,591 | 9,065,386 | 8,765,613 | +1,530,022 | -299,773 |
| Emergency appropriations (P.L. 110-252) | 1,278,886 | --- | --- | -1,278,886 | --- |
| Total, Base realignment and closure | 8,810,166 | 9,458,763 | 9,223,990 | +413,824 | -234,773 |
| Air National Guard Fire Stations (Sec. 131) | --- | --- | 28,000 | +28,000 | +28,000 |
| Army National Guard Aviation and Training (Sec. 132) | --- | --- | 147,000 | +147,000 | +147,000 |
| Emergency appropriations (P.L. 110-252) (Sec. 1001) | | | | | |
| Barracks improvements | 200,000 | --- | --- | -200,000 | --- |
| Total, title I | 24,875,344 | 24,400,239 | 25,049,583 | +174,239 | +649,344 |
| Appropriations | (20,692,574) | (24,400,239) | (25,132,753) | (+4,440,179) | (+732,514) |
| Rescissions | (-62,537) | --- | (-83,170) | (-20,633) | (-83,170) |
| TITLE II - DEPARTMENT OF VETERANS AFFAIRS | | | | | |
| Veterans Benefits Administration | | | | | |
| Compensation and pensions | 41,236,322 | 43,111,681 | 43,111,681 | +1,875,359 | --- |
| Readjustment benefits | 3,300,289 | 3,086,944 | 3,832,944 | +532,655 | +746,000 |
| Veterans insurance and indemnities | 41,250 | 42,300 | 42,300 | +1,050 | --- |
| Veterans housing benefit program fund (indefinite) | 17,389 | 2,000 | 2,000 | -15,389 | --- |
| (Limitation on direct loans) | (500) | (500) | (500) | --- | --- |
| Credit subsidy | -108,000 | -246,000 | -246,000 | -138,000 | --- |
| Administrative expenses | 154,562 | 157,210 | 157,210 | +2,648 | --- |
| Vocational rehabilitation loans program account | 71 | 61 | 61 | -10 | --- |
| (Limitation on direct loans) | (3,287) | (3,180) | (3,180) | (-107) | --- |
| Administrative expenses | 311 | 320 | 320 | +9 | --- |
| Native American veteran housing loan program account | 628 | 646 | 646 | +18 | --- |
| Total, Veterans Benefits Administration | 44,642,822 | 46,155,162 | 46,901,162 | +2,258,340 | +746,000 |
| Veterans Health Administration | | | | | |
| Medical services /1 | 27,167,671 | 34,075,503 | 30,969,903 | +3,802,232 | -3,105,600 |
| Contingent emergency (P.L. 110-161) | 1,936,549 | --- | --- | -1,936,549 | --- |
| Subtotal | 29,104,220 | 34,075,503 | 30,969,903 | +1,865,683 | -3,105,600 |
| Medical support and compliance /1 | 3,442,000 | --- | 4,450,000 | +1,008,000 | +4,450,000 |
| Contingent emergency (P.L. 110-161) | 75,000 | --- | --- | -75,000 | --- |
| Subtotal | 3,517,000 | --- | 4,450,000 | +933,000 | +4,450,000 |
| Medical facilities | 3,592,000 | 4,661,000 | 5,029,000 | +1,437,000 | +368,000 |
| Contingent emergency (P.L. 110-161) | 508,000 | --- | --- | -508,000 | --- |
| Subtotal | 4,100,000 | 4,661,000 | 5,029,000 | +929,000 | +368,000 |
| Medical and prosthetic research | 411,000 | 442,000 | 510,000 | +99,000 | +68,000 |
| Contingent emergency (P.L. 110-161) | 69,000 | --- | --- | -69,000 | --- |
| Subtotal | 480,000 | 442,000 | 510,000 | +30,000 | +68,000 |

1/ The budget request proposes to combine funding for medical services and medical administration

MILITARY CONSTRUCTION - VETERANS AFFAIRS AND RELATED AGENCIES APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| Medical care cost recovery collections: | | | | | |
| Offsetting collections | -2,414,000 | -1,879,000 | -2,544,000 | -130,000 | -665,000 |
| Appropriations (indefinite) | 2,414,000 | 1,879,000 | 2,544,000 | +130,000 | +665,000 |
| Total, Veterans Health Administration | 37,201,220 | 39,178,503 | 40,958,903 | +3,757,683 | +1,780,400 |
| Appropriations | (34,612,671) | (39,178,503) | (40,958,903) | (+6,346,232) | (+1,780,400) |
| Emergency appropriations | (2,588,549) | --- | --- | (-2,588,549) | --- |
| National Cemetery Administration | | | | | |
| National Cemetery Administration | 166,809 | 180,959 | 230,000 | +63,191 | +49,041 |
| Contingent emergency (P.L. 110-161) | 28,191 | --- | --- | -28,191 | --- |
| Total, National Cemetery Administration | 195,000 | 180,959 | 230,000 | +35,000 | +49,041 |
| Departmental Administration | | | | | |
| General operating expenses | 1,471,837 | 1,699,867 | 1,801,867 | +330,030 | +102,000 |
| Contingent emergency (P.L. 110-161) | 133,163 | --- | --- | -133,163 | --- |
| Emergency appropriations (P.L. 110-252) | 100,000 | --- | --- | -100,000 | --- |
| Subtotal | 1,705,000 | 1,699,867 | 1,801,867 | +96,867 | +102,000 |
| Information technology systems | 1,859,217 | 2,442,066 | 2,489,391 | +630,174 | +47,325 |
| Contingent emergency (P.L. 110-161) | 107,248 | --- | --- | -107,248 | --- |
| Emergency appropriations (P.L. 110-252) | 20,000 | --- | --- | -20,000 | --- |
| Subtotal | 1,986,465 | 2,442,066 | 2,489,391 | +502,926 | +47,325 |
| Office of Inspector General | 72,599 | 76,500 | 87,818 | +15,219 | +11,318 |
| Contingent emergency (P.L. 110-161) | 7,901 | --- | --- | -7,901 | --- |
| Subtotal | 80,500 | 76,500 | 87,818 | +7,318 | +11,318 |
| Construction, major projects | 727,400 | 581,582 | 923,382 | +195,982 | +341,800 |
| Contingent emergency (P.L. 110-161) | 341,700 | --- | --- | -341,700 | --- |
| Emergency appropriations (P.L. 110-252) | 396,377 | --- | --- | -396,377 | --- |
| Subtotal | 1,465,477 | 581,582 | 923,382 | -542,095 | +341,800 |
| Construction, minor projects | 233,396 | 329,418 | 741,534 | +508,138 | +412,116 |
| Contingent emergency (P.L. 110-161) | 397,139 | --- | --- | -397,139 | --- |
| Subtotal | 630,535 | 329,418 | 741,534 | +110,999 | +412,116 |
| Grants for construction of State extended care facilities | 85,000 | 85,000 | 175,000 | +90,000 | +90,000 |
| Contingent emergency (P.L. 110-161) | 80,000 | --- | --- | -80,000 | --- |
| Subtotal | 165,000 | 85,000 | 175,000 | +10,000 | +90,000 |
| Grants for the construction of State veterans cemeteries | 32,000 | 32,000 | 42,000 | +10,000 | +10,000 |
| Contingent emergency (P.L. 110-161) | 7,500 | --- | --- | -7,500 | --- |
| Subtotal | 39,500 | 32,000 | 42,000 | +2,500 | +10,000 |
| Total, Departmental Administration | 6,072,477 | 5,246,433 | 6,260,992 | +188,515 | +1,014,559 |
| Appropriations | (4,481,449) | (5,246,433) | (6,260,992) | (+1,779,543) | (+1,014,559) |
| Emergency appropriations | (1,591,028) | --- | --- | (-1,591,028) | --- |
| Administrative Provisions | | | | | |
| Sec. 230 VA Medical Services (P.L. 110-28) | -66,000 | --- | --- | +66,000 | --- |
| Sec. 230 Construction Major Projects (P.L. 110-28) | 66,000 | --- | --- | -66,000 | --- |
| Sec. 234 VA General Operating Expenses | -6,000 | --- | --- | +6,000 | --- |
| Sec. 234 State Approving Agencies | 6,000 | --- | --- | -6,000 | --- |
| Total, title II | 88,111,519 | 90,761,057 | 94,351,057 | +6,239,538 | +3,590,000 |
| Appropriations | (83,903,751) | (90,761,057) | (94,351,057) | (+10,447,306) | (+3,590,000) |
| Emergency appropriations | (4,273,768) | --- | --- | (-4,273,768) | --- |
| Rescissions (emergency appropriations) | (-66,000) | --- | --- | (+66,000) | --- |
| (Limitation on direct loans) | (3,787) | (3,680) | (3,680) | (-107) | --- |
| Discretionary | (43,624,269) | (44,764,132) | (47,608,132) | (+3,983,863) | (+2,844,000) |
| Mandatory | (44,487,250) | (45,996,925) | (46,742,925) | (+2,255,675) | (+746,000) |

MILITARY CONSTRUCTION - VETERANS AFFAIRS AND RELATED AGENCIES APPROPRIATIONS BILL - 2009
(Amounts in thousands)

| | FY 2008 Enacted | FY 2009 Request | Final Bill | Bill vs. Enacted | Bill vs. Request |
|---|---|---|---|---|---|
| TITLE III - RELATED AGENCIES | | | | | |
| American Battle Monuments Commission | | | | | |
| Salaries and expenses | 44,600 | 64,570 | 59,470 | +14,870 | -5,100 |
| (By transfer) | --- | --- | (500) | (+500) | (+500) |
| Foreign currency fluctuations account | 11,000 | --- | 17,100 | +6,100 | +17,100 |
| Total, American Battle Monuments Commission | 55,600 | 64,570 | 76,570 | +20,970 | +12,000 |
| U.S. Court of Appeals for Veterans Claims | | | | | |
| Salaries and expenses | 22,717 | 23,975 | 30,975 | +8,258 | +7,000 |
| Department of Defense - Civil | | | | | |
| Cemeterial Expenses, Army | | | | | |
| Salaries and expenses | 31,230 | 31,230 | 36,730 | +5,500 | +5,500 |
| Armed Forces Retirement Home | | | | | |
| Operation and maintenance | 55,724 | 63,010 | 63,010 | +7,286 | --- |
| General fund appropriation | 800 | --- | --- | -800 | --- |
| Total, Armed Forces Retirement Home | 56,524 | 63,010 | 63,010 | +6,486 | --- |
| Total, title III | 166,071 | 182,785 | 207,285 | +41,214 | +24,500 |
| (By transfer) | --- | --- | (500) | (+500) | (+500) |
| Grand total | 113,152,934 | 115,344,081 | 119,607,925 | +6,454,991 | +4,263,844 |
| Appropriations | (104,762,396) | (115,344,081) | (119,691,095) | (+14,928,699) | (+4,347,014) |
| Rescissions | (-62,537) | --- | (-83,170) | (-20,633) | (-83,170) |
| Emergency appropriations | (4,827,684) | --- | --- | (-4,827,684) | --- |
| Contingent emergency appropriations | (3,691,391) | --- | --- | (-3,691,391) | --- |
| Rescissions (emergency appropriations) | (-66,000) | --- | --- | (+66,000) | --- |
| (By transfer) | --- | --- | (500) | (+500) | (+500) |
| (Limitation on direct loans) | (3,787) | (3,680) | (3,680) | (-107) | --- |

# *Daily Digest*

# Senate

## *Chamber Action*

***Routine Proceedings, pages S9349–S9437***

**Measures Introduced:** Twenty-three bills and eight resolutions were introduced, as follows: S. 3550–3572, S. Res. 679–684, and S. Con. Res. 102–103. **Pages S9414–15**

**Measures Reported:**

S. 24, to amend the Safe Drinking Water Act to require a health advisory and monitoring of drinking water for perchlorate, with an amendment in the nature of a substitute. (S. Rept. No. 110–483)

S. 150, to amend the Safe Drinking Water Act to protect the health of pregnant women, fetuses, infants, and children by requiring a health advisory and drinking water standard for perchlorate, with an amendment in the nature of a substitute. (S. Rept. No. 110–484)

S. 642, to codify Executive Order 12898, relating to environmental justice, to require the Administrator of the Environmental Protection Agency to fully implement the recommendations of the Inspector General of the Agency and the Comptroller General of the United States. (S. Rept. No. 110–485)

S. 1911, to amend the Safe Drinking Water Act to protect the health of susceptible populations, including pregnant women, infants, and children, by requiring a health advisory, drinking water standard, and reference concentration for trichloroethylene vapor intrusion. (S. Rept. No. 110–486)

S. 2970, to enhance the ability of drinking water utilities in the United States to develop and implement climate change adaptation programs and policies. (S. Rept. No. 110–487)

S. 2994, to amend the Federal Water Pollution Control Act to provide for the remediation of sediment contamination in areas of concern. (S. Rept. No. 110–488)

S. 3489, to require the Administrator of the Environmental Protection Agency to conduct a study on black carbon emissions. (S. Rept. No. 110–489)

S. 3551, to amend the Public Works and Economic Development Act of 1965 to reauthorize that Act. (S. Rept. No. 110–490)

S. 1387, to amend the Emergency Planning and Community Right-to-Know Act of 1986 to provide for greenhouse gases, with an amendment in the nature of a substitute. (S. Rept. No. 110–491)

H.R. 1464, to assist in the conservation of rare felids and rare canids by supporting and providing financial resources for the conservation programs of nations within the range of rare felid and rare canid populations and projects of persons with demonstrated expertise in the conservation of rare felid and rare canid populations, with an amendment in the nature of a substitute. (S. Rept. No. 110–492)

H.R. 1771, to assist in the conservation of cranes by supporting and providing, through projects of persons and organizations with expertise in crane conservation, financial resources for the conservation programs of countries the activities of which directly or indirectly affect cranes and the ecosystems of cranes. (S. Rept. No. 110–493)

S. 1828, to require the Administrator of the Environmental Protection Agency to conduct a study of the feasibility of increasing the consumption in the United States of certain ethanol-blended gasoline, with an amendment. (S. Rept. No. 110–494)

H.R. 3224, to amend the National Dam Safety Program Act to establish a program to provide grant assistance to States for the rehabilitation and repair of deficient dams. (S. Rept. No. 110–495)

S. 3563, to authorize appropriations under the Arms Export Control Act and the Foreign Assistance Act of 1961 for security assistance for fiscal years 2009 and 2010. (S. Rept. No. 110–496)

S. 2080, to amend the Federal Water Pollution Control Act to ensure that sewage treatment plants monitor for and report discharges of raw sewage, with an amendment in the nature of a substitute. (S. Rept. No. 110–497)

S. 2549, to require the Administrator of the Environmental Protection Agency to establish an Interagency Working Group on Environmental Justice to provide guidance to Federal agencies on the development of criteria for identifying disproportionately high and adverse human health or environmental effects on minority populations and low-income populations. (S. Rept. No. 110–498)

S. 3564, to restore the value of every American in environmental decisions. (S. Rept. No. 110–499)

S. 3565, to address the health and economic development impacts of nonattainment of federally mandated air quality standards in the San Joaquin Valley, California, by designating air quality empowerment zones. (S. Rept. No. 110–500)

H.R. 5001, to authorize the Administrator of General Services to provide for the redevelopment of the Old Post Office Building located in the District of Columbia. (S. Rept. No. 110–501)

H.R. 3815, to amend the Homeland Security Act of 2002 to require the Secretary of Homeland Security to make full and efficient use of open source information to develop and disseminate open source homeland security information products, with an amendment in the nature of a substitute.

H.R. 5975, to designate the facility of the United States Postal Service located at 101 West Main Street in Waterville, New York, as the "Cpl. John P. Sigsbee Post Office".

H.R. 6073, to provide that Federal employees receiving their pay by electronic funds transfer shall be given the option of receiving their pay stubs electronically.

H.R. 6092, to designate the facility of the United States Postal Service located at 101 Tallapoosa Street in Bremen, Georgia, as the "Sergeant Paul Saylor Post Office Building".

H.R. 6098, to amend the Homeland Security Act of 2002 to improve the financial assistance provided to State, local, and tribal governments for information sharing activities, with an amendment in the nature of a substitute.

H.R. 6437, to designate the facility of the United States Postal Service located at 200 North Texas Avenue in Odessa, Texas, as the "Corporal Alfred Mac Wilson Post Office".

S. 3309, to designate the facility of the United States Postal Service located at 2523 7th Avenue East in North Saint Paul, Minnesota, as the Mayor William "Bill" Sandberg Post Office Building.

S. 3317, to designate the facility of the United States Postal Service located at 101 West Main Street in Waterville, New York, as the "Corporal John P. Sigsbee Post Office".

S. 3350, to provide that claims of the United States to certain documents relating to Franklin Delano Roosevelt shall be treated as waived and relinquished in certain circumstances.

S. 3550, to designate a portion of the Rappahannock River in the Commonwealth of Virginia as the "John W. Warner Rapids". **Pages S9413–14**

**Measures Passed:**

***Drug Endangered Children Act:*** Committee on the Judiciary was discharged from further consideration of H.R. 1199, to extend the grant program for drug-endangered children, and the bill was then passed, clearing the measure for the President.

**Page S9350**

***Emmett Till Unsolved Civil Rights Crime Act:*** Senate passed H.R. 923, to provide for the investigation of certain unsolved civil rights crimes, clearing the measure for the President. **Pages S9350–52**

***Health Centers Renewal Act:*** Committee on Health, Education, Labor, and Pensions was discharged from further consideration of H.R. 1343, to amend the Public Health Service Act to provide additional authorizations of appropriations for the health centers program under section 330 of such Act, and the bill was then passed, after agreeing to the following amendment proposed thereto:

**Pages S9372–73**

Dorgan (for Kennedy/Hatch) Amendment No. 5642, in the nature of a substitute. **Page S9373**

***Military Personnel Citizenship Processing Act:*** Senate passed S. 2840, to establish a liaison with the Federal Bureau of Investigation in United States Citizenship and Immigration Services to expedite naturalization applications filed by members of the Armed Forces and to establish a deadline for processing such applications, after agreeing to the committee amendment in the nature of a substitute.

**Pages S9433–34**

***Oregon Surplus Federal Land Act:*** Senate passed H.R. 6370, to transfer excess Federal property administered by the Coast Guard to the Confederated Tribes of the Coos, Lower Umpqua, and Siuslaw Indians, clearing the measure for the President.

**Page S9434**

***John W. Warner Rapids:*** Senate passed S. 3550, to designate a portion of the Rappahannock River in the Commonwealth of Virginia as the "John W. Warner Rapids". **Page S9434**

***Improving Government Accountability Act:*** Committee on Homeland Security and Governmental Affairs was discharged from further consideration of H.R. 928, to amend the Inspector General Act of 1978 to enhance the independence of the Inspectors General, to create a Council of the Inspectors General on Integrity and Efficiency, and the bill was then passed, after agreeing to the following amendment proposed thereto: **Page S9434**

Salazar (for McCaskill) Amendment No. 5644, to amend the Inspector General Act of 1978 (5 U.S.C.

App.) to enhance the Offices of the Inspectors General, to create a Council of the Inspectors General on Integrity and Efficiency. **Page S9434**

***Production of Records:*** Senate agreed to S. Res. 680, to authorize production of records by the Permanent Subcommittee on Investigations of the Committee on Homeland Security and Governmental Affairs. **Page S9434**

***Hispanic Heritage Month:*** Senate agreed to S. Res. 682, recognizing Hispanic Heritage Month and celebrating the heritage and culture of Hispanic Americans and their immense contributions to the Nation. **Pages S9434–35**

***National Childhood Lead Poisoning Prevention Week:*** Senate agreed to S. Res. 683, designating the week of October 19 through October 25, 2008, as ''National Childhood Lead Poisoning Prevention Week''. **Page S9435**

***Crisis in Darfur, Sudan:*** Senate agreed to S. Res. 684, calling for a comprehensive strategy to address the crisis in Darfur, Sudan. **Page S9435**

***State-based Alcohol Regulation:*** Committee on the Judiciary was discharged from further consideration of S. Res. 551, celebrating 75 years of successful State-based alcohol regulation, and the resolution was then agreed to. **Pages S9436–37**

***National Alternative Fuel Vehicle Day:*** Committee on the Judiciary was discharged from further consideration of S. Res. 665, designating October 3, 2008, as ''National Alternative Fuel Vehicle Day'', and the resolution was then agreed to. **Page S9437**

**Messages from the House:** **Page S9410**

**Executive Communications:** **Pages S9410–13**

**Additional Cosponsors:** **Pages S9415–17**

**Statements on Introduced Bills/Resolutions:** **Pages S9417–26**

**Additional Statements:** **Pages S9403–10**

**Amendments Submitted:** **Pages S9426–32**

**Authorities for Committees to Meet:** **Pages S9432–33**

**Privileges of the Floor:** **Page S9433**

**Recess:** Senate convened at 9:30 a.m. and recessed at 8:56 p.m., until 9:30 a.m. on Thursday, September 25, 2008. (For Senate's program, see the remarks of the Acting Majority Leader in today's Record on page S9437.)

# *Committee Meetings*

*(Committees not listed did not meet)*

## NOMINATION

*Committee on Agriculture, Nutrition, and Forestry:* Committee concluded a hearing to examine the nomination of Mark Everett Keenum, of Mississippi, to be a Member of the Farm Credit Administration Board, Farm Credit Administration, after the nominee, who was introduced by Senator Harkin, testified and answered questions in his own behalf.

## AUTOMOBILE TRADE

*Committee on Commerce, Science, and Transportation:* Subcommittee on Interstate Commerce, Trade, and Tourism concluded a hearing to examine the imbalance in United States-Korea automobile trade, after receiving testimony from Robert B. Cassidy, Kelley Drye Warren LLP, John T. Bozzella, Chrysler LLC, Ron Gettelfinger, International Union, United Automobile, Aerospace and Agricultural Implement Workers of America, Charles W. McMillion, MBG Information Services, and Myron Brilliant, United States Chamber of Commerce, on behalf of sundry organizations, all of Washington, D.C.

## NUCLEAR FUEL TRANSPORTATION SAFETY AND SECURITY

*Committee on Commerce, Science, and Transportation:* Committee concluded a hearing to examine the safety and security of spent nuclear fuel transportation, after receiving testimony from Senators Reid and Ensign; Edward F. Sproat III, Director, Office of Civilian Radioactive Waste Management, Department of Energy; Michael Weber, Director, Nuclear Material Safety and Safeguards, United States Nuclear Regulatory Commission; Edward Pritchard, Director, Office of Safety Assurance and Compliance, Federal Railroad Administration, and Ted Willke, Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, both of the Department of Transportation; Sandra Schubert, Environmental Working Group, Kevin D. Crowley, National Academies, and Edward R. Hamberger, Association of American Railroads, all of Washington, D.C.; and James David Ballard, California State University, Northridge, Department of Sociology.

## ENVIRONMENTAL RECORD

*Committee on Environment and Public Works:* Committee concluded a hearing to examine the Bush Administration's environmental record at the Department of the Interior and the Environmental Protection Agency (EPA), after receiving testimony from Carl Pope, Sierra Club, and Jamie Rappaport Clark,

Defenders of Wildlife, both of Washington, D.C.; Jim Ball, Evangelical Environmental Network, Suwanee, Georgia; and Allen Schaeffer, Diesel Technology Forum, Frederick, Maryland.

## AFRICAN RESOURCES

*Committee on Foreign Relations:* Subcommittee on African Affairs concluded a hearing to examine Africa's management of its extractive industries, including the Extractive Industries Transparency Initiative (EITI) which aims to strengthen governance by improving transparency and accountability in the extractives sector by setting a global standard for companies to publish the fees they pay and for governments to disclose the money they receive, after receiving testimony from Todd Moss, Deputy Assistant Secretary of State for African Affairs; Paul Collier, University of Oxford Center for the Study of African Economies, Oxford, United Kingdom; David L. Goldwyn, Goldwyn International Strategies, Washington, D.C.; and Simon Taylor, Global Witness, London, United Kingdom.

## NOMINATIONS

*Committee on Foreign Relations:* Committee concluded a hearing to examine the nominations of James Franklin Jeffrey, of Virginia, to be Ambassador to the Republic of Turkey, who was introduced by Senator Warner, and Gene Allan Cretz, of New York, to be Ambassador to Libya, after the nominees testified and answered questions in their own behalf.

## DOMESTIC PARTNERSHIP BENEFITS AND OBLIGATIONS ACT

*Committee on Homeland Security and Governmental Affairs:* Committee concluded a hearing to examine domestic partner benefits for federal employees, including S. 2521, to provide benefits to domestic partners of Federal employees, after receiving testimony from Howard C. Weizmann, Deputy Director, Office of Personnel Management; Yvette C. Burton, IBM Gay, Lesbian, Bisexual, Transgender (GLBT) and Human Capital Management Segments, New York, New York; Colleen M. Kelley, National Treasury Employees Union, and Sherri Bracey, American Federation of Government Employees (AFL–CIO), both of Washington, D.C.; and Frank A. Hartigan, San Francisco, California.

## PREPAREDNESS PLANNING

*Committee on Homeland Security and Governmental Affairs:* Ad Hoc Subcommittee on State, Local, and Private Sector Preparedness and Integration concluded a hearing to examine the Federal Emergency Management Agency's (FEMA) future preparedness planning, after receiving testimony from Marko Bourne, Director, Policy and Program Analysis, Federal Emergency Management Agency, Department of Homeland Security; Nancy J. Dragani, Ohio Emergency Management Agency, Columbus, on behalf of the National Emergency Management Association; Larry Gispert, Hillsborough County, Tampa, Florida, on behalf of the International Association of Emergency Managers; and Jane Bullock, Bullock and Haddow, Washington, D.C.

## EXTRACTING NATURAL RESOURCES

*Committee on the Judiciary:* Subcommittee on Human Rights and the Law concluded a hearing to examine extracting natural resources in foreign countries, focusing on corporate responsibility and the rule of law relative to human rights issues, after receiving testimony from Jeffrey Krilla, Deputy Assistant Secretary of State, Bureau of Democracy, Human Rights and Labor; *Ka Hsaw Wa, EarthRights International, Bennett Freeman, Calvert Group, and Arvind Ganesan, Human Rights Watch, all of Washington, D.C.; and Nnimmo Bassey, Environmental Rights Action/Friends of the Earth Nigeria, Lagos, Nigeria.

*Ka Hsaw Wa is a pseudonym used to protect his ability to investigate human rights abuses and to protect his family members still living in Burma.

## VISA WAIVER PROGRAM

*Committee on the Judiciary:* Subcommittee on Terrorism, Technology and Homeland Security concluded a hearing to examine the Visa Waiver Program, focusing on actions needed to improve management of the expansion process and to assess and mitigate risks to ensure the safety of all Americans, after receiving testimony from Stewart A. Baker, Assistant Secretary of Homeland Security for the Office of Policy Directorate; and Jess T. Ford, Director, International Affairs and Trade, Government Accountability Office.

## INFORMATION TECHNOLOGY

*Committee on Veterans' Affairs:* Committee concluded a hearing to examine cooperation and collaboration by the Departments of Veterans Affairs and Defense on information technology efforts to accelerate the exchange of health information between the Departments and to develop systems or capabilities that allow for the ability of systems to use data that are exchanged, after receiving testimony from Valerie C. Melvin, Director, Human Capital and Management Information Systems Issues, Government Accountability Office; S. Ward Casscells, Assistant Secretary for Health Affairs, and Charles Campbell, Chief Information Officer, Military Health System, both of the Department of Defense; and Michael J. Kussman, Under Secretary of Veterans Affairs for Health, Veterans Health Administration.

**END-OF-LIFE/PALLIATIVE CARE**

*Special Committee on Aging:* Committee concluded a hearing to examine ways to respect Americans' legal and medical care choices at the end of life, after receiving testimony from W.A. Drew Edmondson, Oklahoma Attorney General, Oklahoma City; Joan Curran, Gundersen Lutheran Health System, La-Crosse, Wisconsin; Joseph D. O'Connor, American Bar Association Commission on Law and Aging, Bloomington, Indiana; Diane E. Meier, Mount Sinai School of Medicine Departments of Geriatrics and Medicine, New York, New York; Joan M. Teno, Brown University Warren Alpert School of Medicine, Providence, Rhode Island; and Patricia A. Bomba, Excellus BlueCross BlueShield, Rochester, New York.

# House of Representatives

## *Chamber Action*

**Public Bills and Resolutions Introduced:** 28 public bills, H.R. 7032–7059; and 12 resolutions, H.J. Res. 99; H. Con. Res. 425–428; and H. Res. 1492–1498, were introduced. **Pages H9423–25**

**Additional Cosponsors:** **Pages H9425–26**

**Reports Filed:** Reports were filed today as follows:

H.R. 3202, to amend the Foreign Service Act of 1980 to extend comparability pay adjustments to members of the Foreign Service assigned to posts abroad, and to amend the provision relating to the death gratuity payable to surviving dependents of Foreign Service employees who die as a result of injuries sustained in the performance of duty abroad, with an amendment (H. Rept. 110–877, Pt. 1);

S. 3009, to designate the Federal Bureau of Investigation building under construction in Omaha, Nebraska, as the "J. James Exon Federal Bureau of Investigation Building" (H. Rept. 110–878);

H. Res. 1490, waiving a requirement of clause 6(a) of rule XIII with respect to consideration of certain resolutions reported from the Committee on Rules (H. Rept. 110–879);

H. Res. 1491, providing for consideration of motions to suspend the rules (H. Rept. 110–880);

H.R. 6849, to amend the commodity provisions of the Food, Conservation, and Energy Act of 2008 to permit producers to aggregate base acres and reconstitute farms to avoid the prohibition on receiving direct payments, counter-cyclical payments, or average crop revenue election payments when the sum of the base acres of a farm is 10 acres or less, with an amendment (H. Rept. 110–881); and

H.R. 1497, to amend the Lacey Act Amendments of 1981 to extend its protections to plants illegally harvested outside of the United States, with an amendment (H. Rept. 110–882). **Page H9423**

**Speaker:** Read a letter from the Speaker wherein she appointed Representative Pastor to act as Speaker Pro Tempore for today. **Page H9087**

**Moment of Silence:** The House observed a moment of silence in honor of all those who lost their lives in the October 1983 bombing of the United States Marine Corps Barracks in Beirut, Lebanon. **Page H9217**

**Suspensions:** The House agreed to suspend the rules and pass the following measures:

***National Defense Authorization Act for Fiscal Year 2009:*** S. 3001, amended, to authorize appropriations for fiscal year 2009 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy and to prescribe military personnel strengths for such fiscal year, by a ⅔ yea-and-nay vote of 392 yeas to 39 nays, Roll No. 631; **Pages H9090–H9216, H9231**

***Amending the Internal Revenue Code of 1986 to provide alternative minimum tax relief for individuals for 2008:*** H.R. 7005, to amend the Internal Revenue Code of 1986 to provide alternative minimum tax relief for individuals for 2008, by a ⅔ yea-and-nay vote of 393 yeas to 30 nays, Roll No. 634; **Pages H9306–11, H9364–65**

***Amending the Internal Revenue Code of 1986 to provide disaster assistance relief:*** H.R. 7006, to amend the Internal Revenue Code of 1986 to provide disaster assistance relief, by a ⅔ yea-and-nay vote of 419 yeas to 4 nays, Roll No. 635; **Pages H9312–19, H9365**

***Amending the commodity provisions of the Food, Conservation, and Energy Act of 2008:*** H.R. 6849, amended, to amend the commodity provisions of the Food, Conservation, and Energy Act of 2008 to permit producers to aggregate base acres and reconstitute farms to avoid the prohibition on receiving direct payments, counter-cyclical payments, or average

crop revenue election payments when the sum of the base acres of a farm is 10 acres or less;

**Pages H9319–21**

***Elevating the Inspector General of the Commodity Futures Trading Commission to an Inspector General appointed pursuant to section 3 of the Inspector General Act of 1978:*** H.R. 6406, amended, to elevate the Inspector General of the Commodity Futures Trading Commission to an Inspector General appointed pursuant to section 3 of the Inspector General Act of 1978; **Pages H9321–23**

***Providing for agreement by the House of Representatives to the Senate amendment to the bill, H.R. 2095, with an amendment:*** H. Res. 1492, to provide for agreement by the House of Representatives to the Senate amendment to the bill H.R. 2095, to amend title 49, United States Code, to prevent railroad fatalities, injuries, and hazardous materials releases and to authorize the Federal Railroad Safety Administration, with an amendment;

**Pages H9325–64**

***J. James Exon Federal Bureau of Investigation Building Designation Act:*** S. 3009, to designate the Federal Bureau of Investigation building under construction in Omaha, Nebraska, as the "J. James Exon Federal Bureau of Investigation Building"—clearing the measure for the President;

**Pages H9366–67**

***Commemorating the 80th anniversary of the Okeechobee Hurricane of September 1928 and its associated tragic loss of life:*** H. Res. 1376, amended, to commemorate the 80th anniversary of the Okeechobee Hurricane of September 1928 and its associated tragic loss of life; **Pages H9367–69**

***Veterans' Mental Health and Other Care Improvements Act of 2008:*** S. 2162, amended, to improve the treatment and services provided by the Department of Veterans Affairs to veterans with post-traumatic stress disorder and substance use disorders; **Pages H9369–87**

***Veterans' Benefits Improvement Act of 2008:*** H.R. 3023, amended, to amend title 38, United States Code, to improve and enhance compensation and pension, housing, labor and education, and insurance benefits for veterans; and **Pages H9387–H9405**

***Amending title 38, United States Code, to authorize the Secretary of Veterans Affairs to increase the amount of the Medal of Honor special pension provided under that title by up to $1,000:*** H.R. 6980, to amend title 38, United States Code, to authorize the Secretary of Veterans Affairs to increase the amount of the Medal of Honor special pension provided under that title by up to $1,000.

**Pages H9405–06**

**Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009:** The House agreed to the Senate amendment with an amendment, made in order by the rule and printed in H. Rept. 110–875, to H.R. 2638, to make appropriations for the Department of Homeland Security for the fiscal year ending September 30, 2008, by a yea-and-nay vote of 370 yeas to 58 nays with 1 voting "present", Roll No. 632. **Pages H9231–H9305**

H. Res. 1488, the rule providing for consideration of the Senate amendment to the bill, was agreed to by a yea-and-nay vote of 228 yeas to 202 nays, Roll No. 630, after agreeing to order the previous question by a yea-and-nay vote of 231 yeas to 198 nays, Roll No. 629. **Pages H9218–31**

A point of order was raised against the consideration of H. Res. 1488 and it was agreed to proceed with consideration of the resolution by a yea-and-nay vote of 242 yeas to 168 nays, Roll No. 628.

**Pages H9218–20**

**Suspensions—Proceedings Resumed:** The House agreed to suspend the rules and pass the following measures which were debated on Tuesday, September 23rd:

***Paul D. Wellstone Muscular Dystrophy Community Assistance, Research, and Education Amendments of 2008:*** H.R. 5265, amended, to amend the Public Health Service Act to provide for research with respect to various forms of muscular dystrophy, including Becker, congenital, distal, Duchenne, Emery-Dreifuss facioscapulohumeral, limb-girdle, myotonic, and oculopharyngeal, muscular dystrophies, by a ⅔ recorded vote of 418 ayes to 2 noes, Roll No. 633 and **Pages H9305–06**

***Tom Lantos Human Rights Commission Establishment Resolution:*** H. Res. 1451, to establish the Tom Lantos Human Rights Commission in the House of Representatives. **Page H9306**

**Suspension—Proceedings Resumed:** The House agreed to suspend the rules and pass the following measure which was debated on Monday, September 22nd:

***United States Fire Administration Reauthorization Act of 2008:*** S. 2606, to reauthorize the United States Fire Administration, by a ⅔ yea-and-nay vote of 418 yeas to 2 nays, Roll No. 636—clearing the measure for the President. **Pages H9365–66**

**Suspensions—Proceedings Postponed:** The House debated the following measures under suspension of the rules. Further proceedings were postponed:

***Solemnly commemorating the 25th anniversary of the tragic October 1983 terrorist bombing of the United States Marine Corps Barracks in Beirut, Lebanon and remembering those who lost their***

***lives and those who were injured:*** H. Res. 1421, amended, to solemnly commemorate the 25th anniversary of the tragic October 1983 terrorist bombing of the United States Marine Corps Barracks in Beirut, Lebanon and to remember those who lost their lives and those who were injured and **Pages H9216–18**

***First Lieutenant Noah Harris Ellijay Post Office Building Designation Act:*** H.R. 6847, to designate the facility of the United States Postal Service located at 801 Industrial Boulevard in Ellijay, Georgia, as the "First Lieutenant Noah Harris Ellijay Post Office Building". **Pages H9323–25**

**Order of Procedure:** The House agreed by unanimous consent that the motions to suspend the rules relating to the following measures be considered as adopted in the form considered by the House on Monday, September 22nd, or Tuesday, September 23rd, as applicable:

***Revolutionary War and War of 1812 Battlefield Protection Act:*** H.R. 160, amended, to amend the American Battlefield Protection Act of 1996 to establish a battlefield acquisition grant program for the acquisition and protection of nationally significant battlefields and associated sites of the Revolutionary War and the War of 1812; **Page H9406**

***Civil War Battlefield Preservation Act of 2008:*** H.R. 2933, amended, to amend the American Battlefield Protection Act of 1996 to extend the authorization for that Act; **Page H9406**

***Palo Alto Battlefield National Historical Park Boundary Expansion and Redesignation Act of 2008:*** H.R. 4828, amended, to amend the Palo Alto Battlefield National Historic Site Act of 1991 to expand the boundaries of the historic site; **Page H9406**

***Establishing a research, development, demonstration, and commercial application program to promote research of appropriate technologies for heavy duty plug-in hybrid vehicles:*** H.R. 6323, amended, to establish a research, development, demonstration, and commercial application program to promote research of appropriate technologies for heavy duty plug-in hybrid vehicles; **Page H9406**

***National Pain Care Policy Act of 2008:*** H.R. 2994, amended, to amend the Public Health Service Act with respect to pain care; and **Page H9406**

***Comprehensive Tuberculosis Elimination Act of 2008:*** H.R. 1532, amended, to amend the Public Health Service Act with respect to making progress toward the goal of eliminating tuberculosis. **Page H9406**

**Senate Messages:** Messages received from the Senate today appear on pages H9087 and H9231.

**Senate Referrals:** S. 1382 and S. 2932 were held at the desk; S. Con. Res. 101 was referred to the Committee on Education and Labor; S. 3328 and S. 2816 were referred to the Committee on Homeland Security; S. 1810 was referred to the Committee on Energy and Commerce; and S. 1255 was referred to the Committee on Natural Resources and the Committee on the Judiciary. **Page H9420**

**Quorum Calls—Votes:** Eight yea-and-nay votes and one recorded vote developed during the proceedings of today and appear on pages H9220, H9229–30, H9230, H9231, H9305, H9305–06, H9364–65, H9365, and H9365–66. There were no quorum calls.

**Adjournment:** The House met at 10 a.m. and adjourned at 10:41 p.m.

# *Committee Meetings*

## LEGISLATIVE APPROPRIATIONS

*Committee on Appropriations:* Subcommittee on Legislative Branch held an oversight hearing on Capitol Visitor Center. Testimony was heard from the following officials of the Architect of the Capitol: Stephen T. Ayers, Acting Architect; Bernard Ungar, CVC Project Executive; and Terrie S. Rouse, CEO, Visitor Services; Phillip D. Morse, Sr., Chief, U.S. Capitol Police; Bill Livingood, House Sergeant at Arms; and Terrell Dorn, Director, Physical Infrastructure Issues, GAO.

## AMERICAN GRAND STRATEGY

*Committee on Armed Services:* Held a hearing on Consideration for an American Grand Strategy. Testimony was heard from GEN Jack Keane, USA (Ret.), former Chief of Staff, U.S. Army.

## HAZARDOUS SUBSTANCE RELEASES

*Committee on Energy and Commerce:* Subcommittee on Environment and Hazardous Materials held a hearing on Hazardous Substance Releases and Reporting under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). Testimony was heard from Susan P. Bodine, Assistant Administrator, Office of Solid Waste and Emergency Response, EPA; Mark E. Rey, Under Secretary, Natural Resources and Environment, USDA; Anu Mittal, Director, National Resources and Environment, GAO; and a public witness.

## FUTURE OF FINANCIAL SERVICES: EXPLORING SOLUTIONS FOR THE MARKET CRISIS

*Committee on Financial Services:* Held a hearing on The Future of Financial Services: Exploring Solutions for the Market Crisis. Testimony was heard from Representatives Watt of North Carolina; Brad Sherman; Dennis Moore of Kansas; Al Green of Texas; Emanuel Cleaver; Lincoln Davis of Tennessee; Ron Klein of Florida; Ed Perlmutter; Bill Foster; Andre Carson; Joe Crowley; Jeb Hensarling; Scott Garrett; and J. Gresham Barrett; Henry M. Paulson, Jr., Secretary of the Treasury; and Ben S. Bernanke, Chairman, Board of Governors, Federal Reserve System.

## REPORT CARD ON HOMELAND SECURITY INFORMATION SHARING

*Committee on Homeland Security:* Subcommittee on Intelligence, Information Sharing and Terrorism Risk Assessment held a hearing on A Report Card on Homeland Security Information Sharing. Testimony was heard from Charles E. Allen, Under Secretary, Intelligence and Analysis, Department of Homeland Security; Michael E. Leiter, Director, National Counterterrorism Center; Russell Porter, Director, Intelligence Fusion Center and Intelligence Bureau, Department of Public Safety, State of Iowa; Sheriff Leroy D. Baca, Los Angeles County, State of California; and a public witness.

## GENERAL ELECTION PREPARATION

*Committee on the Judiciary:* Subcommittee on the Constitution, Civil Rights and Civil Liberties, and the Subcommittee on Elections of the Committee on House Administration held a joint hearing on Federal, State and Local Efforts to Prepare for the 2008 General Election. Testimony was heard from Grace Chung Becker, Acting Assistant Attorney General, Civil Rights Division, Department of Justice; and public witnesses.

## OVERSIGHT

*Committee on Natural Resources:* Subcommittee on Fisheries, Wildlife and Oceans held an oversight hearing on recent trends concerning annual budgets for the National Wildlife Refuge System and implications for management activities. Testimony was heard from Robin M. Nazzaro, Director, Natural Resources and Environment, GAO; Jim Kurth, Acting Assistant Director, National Wildlife Refuge System, U.S. Fish and Wildlife Service, Department of the Interior; and public witnesses.

## PREPARING FOR THE PRESIDENTIAL TRANSITION

*Committee on Oversight and Government Reform:* Subcommittee on Government Management, Organization, and Procurement held a hearing on Passing the Baton: Preparing for the Presidential Transition. Testimony was heard from Clay Johnson, Deputy Director, Management, OMB; Gene L. Dodaro, Acting Comptroller General, GAO; Gail Lovelace, Chief Human Capital Officer, GSA; and public witnesses.

## HOW INFORMATION POLICY AFFECTS COMPETITIVE VIABILITY IN MINORITY CONTRACTING

*Committee on Oversight and Government Reform:* Subcommittee on Information Policy, Census and National Archives held a hearing on How Information Policy Affects Competitive Viability in Minority Contracting. Testimony was heard from public witnesses.

## OVERSIGHT—U.S.-PAKISTAN RELATIONS

*Committee on Oversight and Government Reform:* Subcommittee on National Security and Foreign Affairs held a hearing on Oversight of U.S.-Pakistan Relations: From Ad Hoc and Transactional to Strategic and Enduring. Testimony was heard from public witnesses.

## SAME-DAY CONSIDERATION OF CERTAIN RESOLUTIONS REPORTED BY THE RULES COMMITTEE

*Committee on Rules:* Granted, by a non-record vote, a rule waiving clause 6(a) of rule XIII (requiring a two-thirds vote to consider a rule on the same day it is reported from the Rules Committee) against certain resolutions reported from the Rules Committee. The rule applies the waiver to any resolution reported on any legislative day through September 27, 2008, providing for consideration or disposition of a measure to provide incentives for energy production and conservation, to extend certain expiring provisions, to provide individual income tax relief, and for other purposes.

## PROVIDING FOR CONSIDERATION OF MOTIONS TO SUSPEND THE RULES

*Committee on Rules:* The Committee granted, by a non-record vote, a rule authorizing the Speaker to entertain motions that the House suspend the rules at any time on the legislative day of September 25, 2008, relating to the following measures:

(1) The bill (H.R. 928) to amend the Inspector General Act of 1978 to enhance the independence of the Inspectors General, to create a Council of the Inspectors General on Integrity and Efficiency, and for other purposes.

(2) The bill (S. 2324) to amend the Inspector General Act of 1978 (5 U.S.C. App.) to enhance the Offices of the Inspectors General, to create a Council

of the Inspectors General on Integrity and Efficiency, and for other purposes.

(3) The bill (S. 1046) to modify pay provisions relating to certain senior-level positions in the Federal Government, and for other purposes.

(4) The bill (H.R. 6045) to amend title I of the Omnibus Crime Control and Safe Streets Act of 1968 to extend the authorization of the Bulletproof Vest Partnership Grant Program through fiscal year 2012.

(5) The concurrent resolution (H. Con. Res. 214) expressing the sense of Congress that the President should grant a posthumous pardon to John Arthur ''Jack'' Johnson for the 1913 racially motivated conviction of Johnson, which diminished his athletic, cultural, and historic significance, and tarnished his reputation.

(6) The bill (H.R. 4120) to amend title 18, United States Code, to provide for more effective prosecution of cases involving child pornography, and for other purposes.

(7) A bill relating to webcasting.

(8) The bill (H.R. 1777) to amend the Improving America's Schools Act of 1994 to make permanent the favorable treatment of need-based educational aid under the antitrust laws.

(9) A bill relating to India nuclear cooperation.

(10) The bill (H.R. 176) to authorize the establishment of educational exchange and development programs for member countries of the Caribbean Community (CARICOM).

(11) The bill (H.R. 2553) to amend the State Department Basic Authorities Act of 1956 to provide for the establishment and maintenance of existing libraries and resource centers at United States diplomatic and consular missions to provide information about American culture, society, and history, and for other purposes.

(12) The bill (H.R. 3202) to amend the Foreign Service Act of 1980 to extend comparability pay adjustments to members of the Foreign Service assigned to posts abroad, and to amend the provision relating to the death gratuity payable to surviving dependents of Foreign Service employees who die as a result of injuries sustained in the performance of duty abroad.

(13) The bill (S. 3426) to amend the Foreign Service Act of 1980 to extend comparability pay adjustments to members of the Foreign Service assigned to posts abroad, and to amend the provision relating to the death gratuity payable to surviving dependents of Foreign Service employees who die as a result of injuries sustained in the performance of duty abroad.

(14) The bill (S. 3052) to provide for the transfer of naval vessels to certain foreign recipients.

(15) The bill (H.R. 2798) to reauthorize the programs of the Overseas Private Investment Corporation, and for other purposes.

(16) The bill (H.R. 3887) to authorize appropriations for fiscal years 2008 through 2011 for the Trafficking Victims Protection Act of 2000, to enhance measures to combat trafficking in persons, and for other purposes.

(17) The bill (H.R. 1157) to amend the Public Health Service Act to authorize the Director of the National Institute of Environmental Health Sciences to make grants for the development and operation of research centers regarding environmental factors that may be related to the etiology of breast cancer.

(18) The bill (H.R. 6568) to direct the Secretary of Health and Human Services to encourage research and carry out an educational campaign with respect to pulmonary hypertension, and for other purposes.

(19) The bill (H.R. 3232) to establish a non-profit corporation to communicate United States entry policies and otherwise promote tourist, business, and scholarly travel to the United States.

(20) The bill (H.R. 3402) to require accurate and reasonable disclosure of the terms and conditions of prepaid telephone calling cards and services.

(21) The bill (H.R. 1283) to amend the Public Health Service Act to provide for arthritis research and public health, and for other purposes.

(22) The bill (S. 1382) to amend the Public Health Service Act to provide for the establishment of an Amyotrophic Lateral Sclerosis Registry.

(23) The bill (S. 1810) to amend the Public Health Service Act to increase the provision of scientifically sound information and support services to patients receiving a positive test diagnosis for Down syndrome or other prenatally and postnatally diagnosed conditions.

(24) The bill (S. 2932) to amend the Public Health Service Act to reauthorize the poison center national toll-free number, national media campaign, and grant program to provide assistance for poison prevention, sustain the funding of poison centers, and enhance the public health of people of the United States.

(25) The bill (H.R. 1343) to amend the Public Health Service Act to provide additional authorizations of appropriations for the health centers program under section 330 of such Act, and for other purposes.

(26) The bill (S. 901) to amend the Public Health Service Act to reauthorize the Community Health Centers program, the National Health Service Corps, and rural health care programs.

(27) The bill (H.R. 477) to amend the Public Health Service Act to strengthen education, prevention, and treatment programs relating to stroke, and for other purposes.

(28) The bill (S. 999) to amend the Public Health Service Act to improve stroke prevention, diagnosis, treatment, and rehabilitation.

(29) The bill (H.R. 507) to establish a grant program to provide vision care to children, and for other purposes.

(30) The bill (S. 1117) to establish a grant program to provide vision care to children, and for other purposes.

(31) The bill (H.R. 545) to amend the Omnibus Crime Control and Safe Streets Act of 1968 to clarify that territories and Indian tribes are eligible to receive grants for confronting the use of methamphetamine.

(32) The bill (S. 85) to amend the Omnibus Crime Control and Safe Streets Act of 1968 to clarify that territories and Indian tribes are eligible to receive grants for confronting the use of methamphetamine.

(33) The bill (S. 267) to amend the Omnibus Crime Control and Safe Streets Act of 1968 to clarify that territories and Indian tribes are eligible to receive grants for confronting the use of methamphetamine.

(34) The bill (H.R. 970) to amend the Federal Food, Drug, and Cosmetic Act with respect to the distribution of the drug dextromethorphan, and for other purposes.

(35) The bill (S. 1378) to amend the Federal Food, Drug, and Cosmetic Act with respect to the distribution of the drug dextromethorphan, and for other purposes.

(36) The bill (S. 3549) to amend title XIX of the Social Security Act to provide additional funds for the qualifying individual (QI) program, and for other purposes.

(37) The bill (S. 906) to prohibit the sale, distribution, transfer, and export of elemental mercury, and for other purposes.

(38) The bill (H.R. 1534) to prohibit certain sales, distributions, and transfers of elemental mercury, to prohibit the export of elemental mercury, and for other purposes.

(39) The resolution (H. Res. 1333) supporting the goals and ideals of Tay-Sachs Awareness Month.

(40) The bill (H.R. 6460) to amend the Federal Water Pollution Control Act to provide for the remediation of sediment contamination in areas of concern, and for other purposes.

(41) The bill (S. 2080) to amend the Federal Water Pollution Control Act to ensure that sewage treatment plants monitor for and report discharges of raw sewage, and for other purposes.

(42) The bill (H.R. 2452) to amend the Federal Water Pollution Control Act to ensure that publicly owned treatment works monitor for and report sewer overflows, and for other purposes.

(43) The bill (S. 2844) to amend the Federal Water Pollution Control Act to modify provisions relating to beach monitoring, and for other purposes.

(44) The bill (H.R. 2537) to amend the Federal Water Pollution Control Act relating to beach monitoring, and for other purposes.

## SMALL BUSINESS RECOVERY FROM MIDWEST DISASTERS OF 2008

*Committee on Small Business:* Subcommittee on Contracting and Technology held a hearing on Small Business Recovery from the Midwest Disasters of 2008. Testimony was heard from Jovita Carranza, Deputy Administrator, Small Business Administration; and public witnesses.

## MISCELLANEOUS MATTERS

*Committee on Transportation and Infrastructure:* Ordered reported, as amended, H.R. 6707, Taking Responsible Action for Community Safety Act.

The Committee also approved the following: GSA Capital Investment and Leasing Program Resolutions; and U.S. Army Corps of Engineers Survey Resolution.

## NATIONAL MEDIATION BOARD OVERSIGHT OF ELECTIONS FOR UNION REPRESENTATION

*Committee on Transportation and Infrastructure:* Held a hearing on National Mediation Board Oversight of Elections for Union Representation. Testimony was heard from the following officials of the National Mediation Board: Read C. Van de Water, Chairman; and Harry R. Hoglander, Member of the Board; and a public witness.

## GI BILL IMPLEMENTATION

*Committee on Veterans' Affairs,* Subcommittee on Economic Opportunity continued oversight hearings on G.I. Bill Implementation. Testimony was heard from Curtis L. Gilroy, Director, Accession Policy, Office of the Under Secretary, Personnel and Readiness, Department of Defense; Keith Pedigo, Assistant Deputy Under Secretary, Office of Policy and Program Management, Veterans Benefits Administration, Department of Veterans Affairs; representatives of veterans organizations; and public witnesses.

### PENSION BENEFIT GUARANTY CORPORATION

*Committee on Ways and Means:* Subcommittee on Oversight held a hearing on Pension Benefit Guaranty Corporation. Testimony was heard from Charles E. F. Millard, Director, Pension Benefit Guaranty Corporations; and Barbara D. Bovbjerg, Director, Education, Workforce, and Income Security, GAO.

### PENDING BUSINESS

*Permanent Select Committee on Intelligence:* Subcommittee on Oversight and Investigations met in executive session to consider pending business.

### PENDING BUSINESS COMMITTEE BUSINESS

*Permanent Select Committee on Intelligence:* Subcommittee on Terrorism, Human Intelligence, Analysis and Counterintelligence met in executive session to consider pending business.

### HOT SPOTS

*Permanent Select Committee on Intelligence:* Subcommittee on Terrorism, Human Intelligence, Analysis and Counterintelligence met in executive session to receive a briefing on Hot Spots. Testimony was heard from departmental witnesses.

## *Joint Meetings*

### ECONOMIC OUTLOOK

*Joint Economic Committee:* Committee concluded a hearing to examine the current economic outlook, after receiving testimony from Ben S. Bernanke, Chairman, Board of Governors of the Federal Reserve System.

### AGRICULTURAL DISASTER ASSISTANCE PROGRAMS

*Joint Hearings:* Committee on Agriculture, Nutrition, and Forestry and Committee on Homeland Security and Governmental Affairs Ad Hoc Subcommittee on Disaster Recovery concluded a joint hearing to examine the effectiveness of agricultural disaster assistance programs in the wake of the 2008 midwest floods, Hurricane Gustav, and Hurricane Ike, after receiving testimony from Charles F. Conner, Deputy Secretary, Kate Houston, Deputy Under Secretary for Food, Nutrition, and Consumer Services, and Arlen Lancaster, Chief, Natural Resources Conservation Service, all of the Department of Agriculture; Mike Strain, Louisiana Department of Agriculture and Forestry, Baton Rouge; Lyle W. Asell, Iowa Department of Natural Resources, Des Moines; Barbara Prather, Northeast Iowa Food Bank, Waterloo; Wallace Ellender IV, American Sugar Cane League, Bourg, Louisiana; Natalie Jayroe, Second Harvest Food Bank, New Orleans, Louisiana; and Jay Hardwick, National Cotton Council, Newellton, Louisiana.

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## COMMITTEE MEETINGS FOR THURSDAY, SEPTEMBER 25, 2008

*(Committee meetings are open unless otherwise indicated)*

### Senate

*Committee on Armed Services:* to hold hearings to examine the authorization of Survival Evasion Resistance and Escape techniques for interrogations in Iraq, focusing on the Committee's inquiry into the treatment of detainees in United States custody, 9:30 a.m., SD–106.

*Committee on Commerce, Science, and Transportation:* to hold hearings to examine broadband providers and consumer privacy, 10 a.m., SR–253.

*Committee on Environment and Public Works:* to hold oversight hearings to examine the Environmental Protection Agency's (EPA) cleanup of the Superfund site in Libby, Montana, 10 a.m., SD–406.

*Committee on Foreign Relations:* Subcommittee on Near Eastern and South and Central Asian Affairs, to hold hearings to examine the Middle East peace process, focusing on progress and prospects, 3 p.m., SD–419.

*Committee on Homeland Security and Governmental Affairs:* to hold hearings to examine ways to prevent nuclear terrorism, focusing on hard lessons learned from troubled investments, 9:30 a.m., SD–342.

Subcommittee on Federal Financial Management, Government Information, Federal Services, and International Security, to hold hearings to examine addressing cost growth of major Department of Defense (DOD) weapons systems, 2:30 p.m., SD–342.

*Committee on Indian Affairs:* business meeting to consider S. 3355, to authorize the Crow Tribe of Indians water rights settlement; followed immediately by hearings to examine H.R. 1294, to extend Federal recognition to the Chickahominy Indian Tribe, the Chickahominy Indian Tribe-Eastern Division, the Upper Mattaponi Tribe, the Rappahannock Tribe, Inc., the Monacan Indian Nation, and the Nansemond Indian Tribe, S. 514, to extend Federal recognition to the Muscogee Nation of Florida, S. 724, to extend the Federal recognition to the Little Shell Tribe of Chippewa Indians of Montana, and S. 1058, to expedite review of the Grand River Bands of Ottawa Indians of Michigan to secure a timely and just determination of whether the Bands are entitled to recognition as a Federal Indian tribe so that the Bands may receive eligible funds before the funds are no longer available, 2:15 p.m., SD–628.

*Committee on the Judiciary:* business meeting to consider S. 3259, to amend title 11, United States Code, with respect to the priority of certain high cost credit debts, H.R. 3971, to encourage States to report to the Attorney General certain information regarding the deaths of individuals in the custody of law enforcement agencies, S. 3501, to ensure that Congress is notified when the Department of Justice determines that the Executive Branch is not bound by a statute, H.R. 1943, to provide for an

effective HIV/AIDS program in Federal prisons, S. Res. 659, A resolution designating September 27, 2008, as Alcohol and Drug Addiction Recovery Day, the nominations of Clark Waddoups, to be United States District Judge for the District of Utah, Michael M. Anello, to be United States District Judge for the Southern District of California, Mary Stenson Scriven, to be United States District Judge for the Middle District of Florida, Christine M. Arguello, to be United States District Judge for the District of Colorado, Philip A. Brimmer, to be United States District Judge for the District of Colorado, Gregory G. Garre, of Maryland, to be Solicitor General of the United States, George W. Venables, to be United States Marshal for the Southern District of California, A. Brian Albritton, to be United States Attorney for the Middle District of Florida, Dennis Michael Klein, to be United States Marshal for the Eastern District of Kentucky, C. Darnell Jones II, to be United States District Judge for the Eastern District of Pennsylvania, Mitchell S. Goldberg, to be United States District Judge for the Eastern District of Pennsylvania, Joel H. Slomsky, to be United States District Judge for the Eastern District of Pennsylvania, Eric F. Melgren, to be United States District Judge for the District of Kansas, and Anthony John Trenga, to be United States District Judge for the Eastern District of Virginia, all of the Department of Justice, and the authorization for subpoenas relating to the Department of Justice Office of Legal Counsel, 10 a.m., SH–216.

*Committee on Rules and Administration:* business meeting to consider the nominations of Gracia M. Hillman, of the District of Columbia, to be a Member of the Election Assistance Commission, Donetta Davidson, of Colorado, to be a Member of the Election Assistance Commission, Rosemary E. Rodriguez, of Colorado, to be a Member of the Election Assistance Commission, and Gineen Bresso Beach, of New York, to be a Member of the Election Assistance Commission for the remainder of the term expiring December 12, 2009, 2:30 p.m., SR–301.

*Select Committee on Intelligence:* to hold hearings to examine the nomination of J. Patrick Rowan, of Maryland, to be an Assistant Attorney General, 2:30 p.m., SD–G50.

## House

*Committee on Agriculture,* Subcommittee on Livestock, Dairy, and Poultry, hearing to review advances in animal health within the livestock industry, 10 a.m., 1300 Longworth.

*Committee on the Budget,* hearing on Budget Reform Proposals for the 111th Congress, 2 p.m., 210 Cannon.

*Committee on Education and Labor,* hearing on Safeguarding Retiree Benefits, 10 a.m., 2175 Rayburn.

*Committee on Energy and Commerce,* Subcommittee on Oversight and Investigations, hearing to Review of Continuing Security Concerns at DOE's National Labs, 10 a.m., 2123 Rayburn.

*Committee on Financial Services,* oversight hearing to Examine Recent Treasury and FHFA Actions Regarding the Housing GSE's, 12 p.m., 2128 Rayburn.

*Committee on House Administration,* to consider the Interim Authority Resolution Mass Communication Quarterly Reporting Policy, 1 p.m., and a hearing on Ensuring the Rights of College Students to Vote, 1:30 p.m., 1310 Longworth.

*Committee on Natural Resources,* Subcommittee on Water and Power, hearing on the following legislation: H.R. 883, Oglala Sioux Tribe Angostura Irrigation Project Modernization and Development Act; H.R. 6754, White Mountain Apache Tribe Rural Water System Loan Authorization Act; H.R. 6768, To authorize the Secretary of the Interior, acting through the Commissioner of Reclamation, to develop water infrastructure in the Rio Grande Basin, and to approve the settlement of the water rights claims of the Pueblos of Nambe, Pojoaque, San Ildefonso, Tesuque, and Taos; and legislation to authorize the Secretary of the Interior to establish a program to facilitate the transfer to non-Federal ownership of appropriate reclamation projects or facilities, 10 a.m., 1324 Longworth.

*Committee on Oversight and Government Reform,* Subcommittee on Domestic Policy, hearing on Tumors and Cell Phone Use: What the Science Says, 11 a.m., 2154 Rayburn.

*Committee on Small Business,* hearing on Small Business Competition Policy: Are Markets Open for Entrepreneurs? 10 a.m., 1539 Longworth.

*Committee on Transportation and Infrastructure,* Subcommittee on Aviation, hearing on Runway Safety: An Update, 10 a.m., 2167 Rayburn.

*Permanent Select Committee on Intelligence,* executive, to consider pending business, 1:30 p.m., H–405 Capitol.

Subcommittee on Terrorism, Human Intelligence, Analysis and Counterintelligence, executive, briefing on Hot Spots, 8:45 a.m., H–405 Capitol.

*Select Committee on Energy Independence and Global Warming,* hearing on The Future of LIHEAP Funding: Will Families Get The Cold Shoulder This Winter? 2 p.m., 1324 Longworth.

*Next Meeting of the* SENATE

9:30 a.m., Thursday, September 25

Senate Chamber

**Program for Thursday:** Senate will be in a period of morning business. Senate expects to begin consideration of Consolidated Appropriations bill.

*Next Meeting of the* HOUSE OF REPRESENTATIVES

10 a.m., Thursday, September 25

House Chamber

**Program for Thursday:** To be announced.

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