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SENATE

{ REPORT
105-200

DEPARTMENT OF DEFENSE APPROPRIATION BILL, 1999

—————
JUNE 4 (legislative day, JUNE 2), 1998.—Ordered to be printed
—————

Mr. STEVENS, from the Committee on Appropriations,
submitted the following

REPORT

[To accompany S. 2132]

The Committee on Appropriations reports the bill (S. 2132) making appropriations for the Department of Defense for the fiscal year ending September 30, 1999, and for other purposes, reports favorably thereon and recommends that the bill do pass.

New obligational authority

Total of bill as reported to Senate	\$250,518,092,000
Total of 1999 budget estimate	250,998,803,000
Amount of fiscal year 1998 enacted	247,708,522,000
The bill as reported to the Senate:	
Below fiscal year 1999 budget estimate	480,711,000
Over enacted appropriations for fiscal year 1998	2,809,570,000

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BACKGROUND

PURPOSE OF THE BILL

This bill makes appropriations for the military functions of the Department of Defense for the period October 1, 1998, through September 30, 1999. Functional areas include the pay, allowances, and support of military personnel, operation and maintenance of the forces, procurement of equipment and systems, and research, development, test, and evaluation. Appropriations for military assistance, military construction, family housing, nuclear warheads, and civil defense are provided in other bills.

HEARINGS

The Subcommittee on Department of Defense Appropriations began hearings on the fiscal year 1999 budget request on February 25, 1998, and concluded them on May 20, 1998, after 12 separate sessions. The subcommittee heard testimony from representatives of the Department of Defense, other Federal agencies, representatives of organizations, and the public.

SUMMARY OF THE BILL

The Committee considered a total fiscal year 1999 budget request of \$250,998,803,000 in new obligational authority for the military functions of the Department of Defense, excluding military assistance, military construction, family housing and civil defense. The fiscal year 1998 enacted amounts in this report do not include the fiscal year 1998 emergency supplemental funding appropriated in April 1998. The following table displays the recommendations for each title:

[In thousands of dollars]

	Fiscal year 1998 enacted	Fiscal year 1999 request	Committee recommendation
Title I—Military personnel	69,470,505	70,777,086	70,486,263
Title II—Operation and maintenance	82,895,461	83,542,237	83,540,513
(By transfer)	(150,000)	(150,000)	(150,000)
Title III—Procurement	45,647,215	47,849,546	48,568,838
Title IV—Research, development, test, and evaluation	37,891,324	36,078,577	36,107,571
Title V—Revolving and management funds	2,046,900	549,666	764,066
Title VI—Other Department of Defense pro- grams	11,821,037	11,770,568	11,992,118
Title VII—Related agencies	354,980	360,123	364,123
Title VIII—General provisions	-2,418,900	71,000	-1,305,400
(Additional transfer authority)	(2,000,000)	(2,000,000)	(2,000,000)

[In thousands of dollars]

	Fiscal year 1998 enacted	Fiscal year 1999 request	Committee recommendation
Total, Department of Defense	247,708,522	250,998,803	250,518,092
Scorekeeping adjustments .....	.....	-1,858,600	.....
Grand total	247,708,522	249,140,203	250,518,092

CLASSIFIED PROGRAM ADJUSTMENTS

The Committee recommends adjustments to certain classified programs, as explained in the classified annex to the Committee's report.

GOVERNMENT PERFORMANCE AND RESULTS ACT

The Committee has closely examined the Department's performance plan for fiscal year 1999, and considered the extensive review undertaken by the General Accounting Office [GAO] to evaluate the compliance of the plan with the Results Act. The Committee commends the evaluation and recommendations presented by GAO, and anticipates the ongoing participation of GAO in monitoring the Department's compliance and progress under the Results Act.

The Department of Defense faces many external factors, related to unpredictable international security challenges, that make specific, identifiable, and quantifiable data difficult to project and calculate. The Department's six strategic goals define broad mission priorities, but these parameters do not satisfy the criteria specified in the Results Act as performance goals. To better enable Congress and OMB to monitor the Department's compliance with the Results Act, the Committee recommends that the Secretary provide both mission and functional operational performance goals in the Department's fiscal year 2000 performance plan.

Specifically, the Department should establish performance goals for recruiting and retention of military personnel, depot financial and logistics performance, real property maintenance, training priorities, unit readiness, weapons system testing, and contractor cost performance on procurement and research and development programs. These factors will present to the Congress a more specific and genuine measure of the effectiveness of Department of Defense programs and budget priorities.

The defense reform initiative [DRI], led by the Deputy Secretary of Defense, should be an effective engine within the Department to utilize the Results Act to achieve the cost-saving efficiencies and improvements described by the Secretary in testimony before the Committee. The performance plan for fiscal year 2000 should address DRI objectives for that year, and establish measures to assess DRI accomplishments. These revised performance goals and DRI proposals should accompany the fiscal year 2000 budget request to the Congress.

The fiscal year 1999 performance plan was only of marginal benefit to the Congress, and limited in scope. The adjustments proposed for fiscal year 2000 will enhance the value of this plan to the

Congress, and ensure improved compliance by the Department with the Results Act.

COMPLIANCE WITH 302(b) ALLOCATION

The Appropriations Committee conformed fully to the budget resolution for defense spending in its 302(b) allocation. This allocation divided the budget authority and outlays among the subcommittees with jurisdiction over discretionary spending. The Defense Subcommittee has the greatest share of defense spending. In this recommended bill, the Appropriations Committee has remained within the tight constraints of its 302(b) allocation for defense.

BUDGETARY IMPACT OF BILL

PREPARED IN CONSULTATION WITH THE CONGRESSIONAL BUDGET OFFICE PURSUANT TO SEC. 308(a), PUBLIC LAW 93-344, AS AMENDED

[In millions of dollars]

	Budget authority		Outlays	
	Committee allocation	Amount of bill	Committee allocation	Amount of bill
Comparison of amounts in the bill with Committee allocations to its subcommittees of amounts for 1999: Subcommittee on Defense:				
Defense discretionary	250,290	250,290	244,942	¹ 244,942
Nondefense discretionary	27	27	27	27
Violent crime reduction fund				
Mandatory	202	202	202	202
Projections of outlays associated with the recommendation:				
1999				² 168,173
2000				50,899
2001				17,345
2002				7,501
2003 and future years				5,331
Financial assistance to State and local governments for 1999	NA		NA	

¹Includes outlays from prior-year budget authority.

²Excludes outlays from prior-year budget authority.

NA: Not applicable.

TITLE I
MILITARY PERSONNEL

Funds appropriated under this title provide for pay and allowances, permanent change of station travel, and various other personnel costs for uniformed members of the Armed Forces. The Committee recommends funding for an active duty military personnel level of 1,395,778 for fiscal year 1999, as requested in the President's fiscal year 1999 budget. The Committee recommends funding for a Reserve and National Guard personnel level of 875,094 for fiscal year 1999, as requested in the budget estimate.

A total of \$70,777,086,000 is requested in the President's fiscal year 1999 budget for military personnel appropriations. This request includes \$61,198,876,000 for active duty forces and \$9,578,210,000 for the Reserves and Guard.

SUMMARY OF COMMITTEE ACTION

The Committee recommends appropriations totaling \$70,486,263,000 in title I, military personnel, for fiscal year 1999. This amount is \$290,823,000 below the budget estimate.

Committee appropriation recommendations are displayed in the following table:

SUMMARY OF MILITARY PERSONNEL APPROPRIATIONS, TITLE I

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Active Force:			
Army	21,002,051	20,822,051	- 180,000
Navy	16,613,053	16,532,153	- 80,900
Marine Corps	6,272,089	6,253,189	- 18,900
Air Force	17,311,683	17,205,660	- 106,023
Subtotal	61,198,876	60,813,053	- 385,823
Guard/Reserve:			
Army Reserve	2,152,075	2,152,075	.....
Navy Reserve	1,387,379	1,387,379	.....
Marine Corps Reserve	401,888	401,888	.....
Air Force Reserve	856,176	856,176	.....
Army National Guard	3,404,595	3,499,595	+ 95,000
Air National Guard	1,376,097	1,376,097	.....
Subtotal	9,578,210	9,673,210	+ 95,000
Grand total	70,777,086	70,486,263	- 290,823

The following table summarizes adjustments to the 1999 man-power request for Active, Guard, and Reserve Forces.

RECOMMENDED END STRENGTH

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Active Force:			
Army	480,000	480,000	.....
Navy	372,696	372,696	.....
Marine Corps	172,200	172,200	.....
Air Force	370,882	370,882	.....
Subtotal	1,395,778	1,395,778	.....
Guard/Reserve:			
Army Reserve	208,000	208,000	.....
Navy Reserve	90,843	90,843	.....
Marine Corps Reserve	40,018	40,018	.....
Air Force Reserve	72,242	72,242	.....
Army National Guard	357,000	357,000	.....
Air National Guard	106,991	106,991	.....
Subtotal	875,094	875,094	.....
Grand total	2,270,872	2,270,872	.....

FULL-TIME SUPPORT STRENGTHS

The Committee recommends Guard and Reserve full-time support end strength of 122,993 for fiscal year 1999. The following table summarizes adjustments to the 1999 Guard and Reserve full-time support end strength.

GUARD AND RESERVE FULL-TIME SUPPORT END STRENGTHS

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Army Reserve:			
AGR	11,804	11,804	.....
Technicians	5,205	5,205	.....
Navy Reserve TAR	15,590	15,590	.....
Marine Corps Reserve	2,362	2,362	.....
Air Force Reserve:			
AGR	991	991	.....
Technicians	9,761	9,761	.....
Army National Guard:			
AGR	21,763	21,763	.....
Technicians	22,179	22,179	.....
Air National Guard:			
AGR	10,930	10,930	.....
Technicians	22,408	22,408	.....
Total:			
AGR/TAR	63,440	63,440	.....
Technicians	59,553	59,553	.....

Pay raise.—The President’s fiscal year 1999 budget request recommends a 3.1-percent pay raise for military personnel. The Committee supports this pay increase to help ensure that military compensation remains attractive and competitive with private sector pay, and that the military services continue to attract and retain highly qualified volunteers. This increase is effective January 1, 1999.

Global military force policy [GMFP].—The global military force policy is a Department of Defense force management tool which allows the Secretary of Defense, and Chairman of the Joint Chiefs of Staff to balance the requirements of warfighting commanders in chief [CINC’s] with limited service resources. CINC’s require certain limited assets with unique mission capabilities to support ongoing operations. These assets, referred to as low density-high demand [LDHD], are stressed by a consistently high operational tempo.

The Committee recognizes the Department’s day-to-day efforts to balance limited assets against high CINC demand. Nevertheless, a pattern of LDHD assets stressed over the long term, suggests a mismatch between force structure and CINC requirements. Accordingly, the Committee requires the following report: not later than 90 days from enactment of this bill, the Secretary of Defense shall submit a report to the defense committees which describes necessary measures to modify the force structure of LDHD units, to include manpower and equipment. In identifying these force structure changes, the report shall describe cost savings to be found from within existing end strength levels of units less relevant to CINC demands, or warfighting needs. The report shall also describe any assets from each of the services and components which does not appear on the LDHD list, yet may substitute for LDHD assets. The Secretary may also provide any proposals for expanding or converting reserve component force structure to augment LDHD assets.

Advance pay policy change.—The 1999 budget request contained \$301,000,000 to implement a DOD policy change for obligation of funds for advance pay. After consultation with the Department of Defense, and the Senate authorization committee, the Committee concludes that these funds, and the policy change, are not required.

MILITARY PERSONNEL, ARMY

Appropriations, 1998	\$20,452,057,000
Budget estimate, 1999	21,002,051,000
Committee recommendation	20,822,051,000

The Committee recommends an appropriation of \$20,882,051,000 for fiscal year 1999. This amount is \$180,000,000 below the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Advance pay policy change	- 161,000
Personnel understrength savings	- 12,000
Foreign currency savings	- 7,000
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Total adjustments	- 180,000
Recommended appropriation	20,822,051

MILITARY PERSONNEL, NAVY

Appropriations, 1998	\$16,493,518,000
Budget estimate, 1999	16,613,053,000
Committee recommendation	16,532,153,000

The Committee recommends an appropriation of \$16,532,153,000 for fiscal year 1999. This amount is \$80,900,000 below the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Advance pay policy change	- 69,000
Personnel understrength savings	- 6,600
Foreign currency savings	- 5,300
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Total adjustments	- 80,900
Recommended appropriation	16,532,153

MILITARY PERSONNEL, MARINE CORPS

Appropriations, 1998	\$6,137,899,000
Budget estimate, 1999	6,272,089,000
Committee recommendation	6,253,189,000

The Committee recommends an appropriation of \$6,253,189,000 for fiscal year 1999. This amount is \$18,900,000 below the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Advance pay policy change	- 18,000
Personnel understrength savings	- 8,900
Foreign currency savings	- 2,000
Enlistment Bonus Program	+ 5,000
Marine Corps college fund	+ 5,000
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Total adjustments	- 18,900
Recommended appropriation	6,253,189

MILITARY PERSONNEL, AIR FORCE

Appropriations, 1998	\$17,102,120,000
Budget estimate, 1999	17,311,683,000
Committee recommendation	17,205,660,000

The Committee recommends an appropriation of \$17,205,660,000 for fiscal year 1999. This amount is \$106,023,000 below the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Additional B-52 force structure	+ 3,600
Advance pay policy change	- 53,000
Personnel understrength savings	- 53,000
Foreign currency savings	- 3,623
<hr/>	
Total adjustments	- 106,023
Recommended appropriation	17,205,660

RESERVE AND NATIONAL GUARD PERSONNEL

SUMMARY OF COMMITTEE ADJUSTMENTS

RESERVE PERSONNEL, ARMY

Appropriations, 1998	\$2,032,046,000
Budget estimate, 1999	2,152,075,000
Committee recommendation	2,152,075,000

The Committee recommends an appropriation of \$2,152,075,000 for fiscal year 1999, as recommended in the budget request.

RESERVE PERSONNEL, NAVY

Appropriations, 1998	\$1,376,601,000
Budget estimate, 1999	1,387,379,000
Committee recommendation	1,387,379,000

The Committee recommends an appropriation of \$1,387,379,000 for fiscal year 1999, as recommended in the budget request.

RESERVE PERSONNEL, MARINE CORPS

Appropriations, 1998	\$391,770,000
Budget estimate, 1999	401,888,000
Committee recommendation	401,888,000

The Committee recommends an appropriation of \$401,888,000 for fiscal year 1999, as recommended in the budget request.

RESERVE PERSONNEL, AIR FORCE

Appropriations, 1998	\$815,915,000
Budget estimate, 1999	856,176,000
Committee recommendation	856,176,000

The Committee recommends an appropriation of \$856,176,000 for fiscal year 1999, as recommended in the budget request.

NATIONAL GUARD PERSONNEL, ARMY

Appropriations, 1998	\$3,333,867,000
Budget estimate, 1999	3,404,595,000
Committee recommendation	3,499,595,000

The Committee recommends an appropriation of \$3,499,595,000 for fiscal year 1999. This amount is \$95,000,000 above the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in the report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Schools and training	+ 86,000
Bonuses shortfall	+ 9,000
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Total adjustments	+ 95,000
Recommended appropriation	3,499,595

NATIONAL GUARD PERSONNEL, AIR FORCE

Appropriations, 1998	\$1,334,712,000
Budget estimate, 1999	1,376,097,000
Committee recommendation	1,376,097,000

The Committee recommends an appropriation of \$1,376,097,000 for fiscal year 1999. This amount is equal to the budget request.

TITLE II
OPERATION AND MAINTENANCE

The Committee recommends appropriations totaling \$83,540,513,000 in title II, operation and maintenance, for fiscal year 1999. This is \$1,724,000 below the budget estimate. The Committee also recommends that \$150,000,000 be transferred from the national defense stockpile transaction fund. The Committee recommendations, by appropriation account, are compared with the budget estimate in the following table:

SUMMARY OF OPERATION AND MAINTENANCE

[In thousands of dollars]

	1999 budget estimate	Committee rec- ommendation	Change from budget estimate
O&M:			
Army	17,223,063	17,212,463	- 10,600
Transfer—stockpile	(50,000)	(50,000)	.....
Navy	21,877,202	21,813,315	- 63,887
Transfer—stockpile	(50,000)	(50,000)	.....
Marine Corps	2,523,703	2,576,190	+ 52,487
Air Force	19,127,004	19,073,141	- 53,863
Transfer—stockpile	(50,000)	(50,000)	.....
Defense-wide	10,750,601	10,259,231	- 491,370
Army Reserve	1,202,622	1,202,622	.....
Navy Reserve	928,639	928,639	.....
Marine Corps Reserve	114,593	114,593	.....
Air Force Reserve	1,744,696	1,744,696	.....
Army National Guard	2,436,815	2,661,815	+ 225,000
Air National Guard	3,093,933	3,113,933	+ 20,000
Overseas contingency operations transfer fund	746,900	746,900	.....
Pentagon renovation transfer fund .....	.....	279,820	+ 279,820
Contingency operations MWR fund .....	.....	50,000	+ 50,000
Court of Military Appeals	7,324	7,324	.....
Environmental restoration:			
Army	377,640	370,640	- 7,000
Navy	281,600	274,600	- 7,000
Air Force	379,100	372,100	- 7,000
Defense-wide	26,091	23,091	- 3,000
Formerly used defense sites	195,000	225,000	+ 30,000
Former Soviet Union threat reduction	442,400	440,400	- 2,000
Humanitarian assistance	63,311	50,000	- 13,311
Total	83,542,237	83,540,513	- 1,724

OPERATION AND MAINTENANCE OVERVIEW

Appropriations under this title finance the cost of operating and maintaining U.S. Armed Forces, including Guard and Reserve com-

ponents and Department of Defense agencies. These funds are used to purchase fuel and spare parts for training activities, pay civilian personnel, purchase supplies, equipment and service contracts for repairing weapons systems and facilities, and finance other personnel support programs.

SERVICEWIDE OPERATION AND MAINTENANCE PROGRAMS

O&M SUPPORT OF MILITARY FORCES

REAL PROPERTY MAINTENANCE

In fiscal year 1998, the Committee added \$724,620,000 to assist in reducing the extensive backlog of real property maintenance, with \$360,000,000 provided in the "Quality of life enhancements, defense" account for the repair and improvement of housing, barracks, and dining facilities throughout the Department of Defense.

This year, the Committee provides an additional \$264,000,000, but has distributed these funds among the individual service operation and maintenance accounts for transfer into the "Quality of life enhancements, defense" account. As was the case with this account in preceding years, these funds will remain available for 2 years, until September 30, 2000, and shall be used only for the maintenance and repair of barracks, dormitories or other personnel support facilities within the United States and its territories. The Committee directs each service Secretary to provide a report to the congressional defense committees on all additional projects to be funded prior to any obligation of funds or contract awards, and no later than March 15, 1999. This report shall include project description and location, estimated cost, and projected commencement and completion dates.

CONTINGENCY OPERATIONS MWR FUND

The Committee provides \$50,000,000 in this new account to fund shortfalls in the morale, welfare, and recreational services available to troops deployed in support of contingency operations and their families, and to address retention and reenlistment shortfalls in critical military occupational specialties.

PENTAGON RENOVATION TRANSFER FUND

The Committee has consolidated the funding for the Pentagon's ongoing renovation from the service and defensewide operation and maintenance accounts into a separate fund within title II. The total transferred to this new account from the Washington Headquarters Service includes the renovation payments attributed to the BMDO, DIA, NSA, NIMA, and DOHA. The Committee directs the Department of Defense to utilize this fund for future budget request submissions to the Congress, with a delineation of contributions by department and organization.

NATO SUSTAINMENT TRANSFER ACCOUNT

The Committee continues to harbor significant concerns regarding the actual costs of expanding and maintaining the NATO alliance. Over the months preceding the ratification vote on NATO expansion, the Committee's efforts to determine past expenditure lev-

els and historical data on U.S. costs in support of NATO often resulted in the receipt of inconsistent or incomplete data. In an effort to bring greater visibility to the important contribution that the United States makes to the NATO alliance, the Committee directs the Secretary of Defense to establish a separate "NATO sustainment transfer" account and to move all NATO and NATO-related programs and funding into this account in future budget requests, commencing in fiscal year 2000.

FACT-OF-LIFE ADJUSTMENTS

FLYING HOUR SHORTFALLS

The Committee has provided additional funds in the Navy and Air Force operation and maintenance accounts to mitigate the impact of identified shortfalls in flying hour funding.

FOREIGN CURRENCY FLUCTUATION

The Committee has made adjustments to the accounts in this title which reflect projected savings as a result of favorable currency rate changes, as authorized in the Senate Armed Services Committee Report 105-189.

FUEL PRICING DIFFERENTIAL

The Senate Armed Services Committee examined the impact of the current reduced prices for oil and fuel and noted that significant savings can be expected in fiscal year 1999 as a result of these changes. In light of a continuing downward trend in these prices, the Committee has reduced the operation and maintenance accounts to reflect an expected savings of \$454,000,000.

CIVILIAN PERSONNEL UNDEREXECUTION

The Committee has directed reductions in the service and defensewide operation and maintenance accounts in concert with the action taken in Senate Armed Services Committee Report 105-189.

DEFENSE ACQUISITION UNIVERSITY TRANSFER

The Committee supports the Department of Defense decision to move the Defense Acquisition University to the network of National Defense University institutions and expects that this consolidation will reap significant savings and efficiencies as a result of shared infrastructure, resources, and technical support. Subsequently, the Committee reduces the total amount appropriated by \$8,500,000.

OPERATION AND MAINTENANCE, ARMY

Appropriations, 1998	\$16,754,306,000
Budget estimate, 1999	17,223,063,000
Committee recommendation	17,212,463,000

The Committee recommends an appropriation of \$17,212,463,000. This is \$10,600,000 below the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Army funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds within budget activity funding categories in excess of \$15,000,000 are subject to standard reprogramming procedures.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, ARMY			
BUDGET ACTIVITY 1: OPERATING FORCES:			
LAND FORCES:			
DIVISIONS	1,091,232	1,098,732	+ 7,500
CORPS COMBAT FORCES	299,739	299,739	.....
CORPS SUPPORT FORCES	316,361	316,361	.....
ECHELON ABOVE CORPS FORCES	434,579	434,579	.....
LAND FORCES OPERATIONS SUPPORT	824,557	824,557	.....
LAND FORCES READINESS:			
FORCE READINESS OPERATIONS SUPPORT	973,814	974,814	+ 1,000
LAND FORCES SYSTEMS READINESS	375,038	375,038	.....
LAND FORCES DEPOT MAINTENANCE	570,723	570,723	.....
LAND FORCES READINESS SUPPORT:			
BASE SUPPORT	2,332,231	2,332,231	.....
MAINTENANCE OF REAL PROPERTY	641,651	641,651	.....
MANAGEMENT AND OPERATIONAL HEADQUARTERS	110,538	110,538	.....
UNIFIED COMMANDS	71,990	71,990	.....
MISCELLANEOUS ACTIVITIES	63,478	63,478	.....
TOTAL, BUDGET ACTIVITY 1	8,105,931	8,114,431	+ 8,500
BUDGET ACTIVITY 2: MOBILIZATION:			
MOBILITY OPERATIONS:			
STRATEGIC MOBILIZATION	314,541	314,541	.....
ARMY PREPOSITIONED STOCKS	165,349	165,349	.....
INDUSTRIAL PREPAREDNESS	78,645	78,645	.....
MAINTENANCE OF REAL PROPERTY	66,100	66,100	.....
TOTAL, BUDGET ACTIVITY 2	624,635	624,635	.....
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
OFFICER ACQUISITION	63,580	62,180	- 1,400
RECRUIT TRAINING	14,264	14,264	.....
ONE STATION UNIT TRAINING	14,909	14,909	.....
RESERVE OFFICER TRAINING CORPS (ROTC)	130,270	131,270	+ 1,000
BASE SUPPORT (ACADEMY ONLY)	72,999	72,999	.....
MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY)	42,979	42,979	.....
BASIC SKILL/ADVANCE TRAINING:			
SPECIALIZED SKILL TRAINING	215,964	215,964	.....
FLIGHT TRAINING	226,501	226,501	.....
PROFESSIONAL DEVELOPMENT EDUCATION	192,720	185,020	- 7,700
TRAINING SUPPORT	488,799	488,799	.....
BASE SUPPORT (OTHER TRAINING)	782,265	782,265	.....
MAINTENANCE OF REAL PROPERTY (OTHER TRAINING)	258,927	258,927	.....
RECRUITING/OTHER TRAINING:			
RECRUITING AND ADVERTISING	234,154	234,154	.....
EXAMINING	71,593	71,593	.....
OFF-DUTY AND VOLUNTARY EDUCATION	100,203	100,203	.....
CIVILIAN EDUCATION AND TRAINING	73,517	73,517	.....
JUNIOR ROTC	73,423	73,423	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
BASE SUPPORT (RECRUITING LEASES)	178,496	178,496	.....
TOTAL, BUDGET ACTIVITY 3	3,235,563	3,227,463	- 8,100
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
SECURITY PROGRAMS: SECURITY PROGRAMS	404,340	404,340	.....
LOGISTICS OPERATIONS:			
SERVICEWIDE TRANSPORTATION	398,473	398,473	.....
CENTRAL SUPPLY ACTIVITIES	370,824	370,824	.....
LOGISTIC SUPPORT ACTIVITIES	336,403	336,403	.....
AMMUNITION MANAGEMENT	400,299	400,299	.....
SERVICEWIDE SUPPORT:			
ADMINISTRATION	304,679	305,679	+ 1,000
SERVICEWIDE COMMUNICATIONS	606,379	606,379	.....
MANPOWER MANAGEMENT	142,081	142,081	.....
OTHER PERSONNEL SUPPORT	150,483	150,483	.....
OTHER SERVICE SUPPORT	618,384	525,384	- 93,000
ARMY CLAIMS ACTIVITIES	118,886	118,886	.....
REAL ESTATE MANAGEMENT	68,815	68,815	.....
BASE SUPPORT	700,689	700,689	.....
COMMISSARY OPERATIONS	338,400	338,400	.....
MAINTENANCE OF REAL PROPERTY	82,578	88,078	+ 5,500
SUPPORT OF OTHER NATIONS:			
INTERNATIONAL MILITARY HEADQUARTERS	227,377	227,377	.....
NATO ENLARGEMENT .....	.....	.....	.....
MISC SUPPORT OF OTHER NATIONS	37,844	37,844	.....
TOTAL, BUDGET ACTIVITY 4	5,306,934	5,220,434	- 86,500
CLASSIFIED PROGRAMS UNDISTRIBUTED .....	.....	- 2,200	- 2,200
CIVILIAN PERSONNEL UNDERSTRENGTH .....	.....	- 120,000	- 120,000
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	- 50,000	- 50,000	.....
FUEL PRICING DIFFERENTIAL .....	.....	- 36,000	- 36,000
FOREIGN CURRENCY FLUCTUATION .....	.....	- 81,300	- 81,300
INFORMATION RESOURCE MANAGEMENT .....	.....	.....	.....
BASE SUPPORT .....	.....	185,000	+ 185,000
ECONOMIC ASSUMPTIONS .....	.....	.....	.....
TDY EXPENSES .....	.....	.....	.....
QDR CIVILIAN PERSONNEL REDUCTIONS .....	.....	.....	.....
NON-BRAC CARETAKER STATUS .....	.....	.....	.....
MEMORIAL EVENTS .....	.....	.....	.....
QUALITY OF LIFE/REAL PROPERTY MAINTENANCE .....	.....	130,000	+ 130,000
TOTAL, OPERATION AND MAINTENANCE, ARMY	17,223,063	17,212,463	- 10,600
TRANSFER	(50,000)	(50,000)	.....
TOTAL FUNDING AVAILABLE	(17,273,063)	(17,262,463)	(- 10,600)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating forces:		
250 Ultra lightweight camouflage net system		+ 500
250 Cold weather boots; 2d ID		+ 2,000
250 Soldier life support systems		+ 5,000
550 Fort Chaffee Training Center		+ 1,000
Budget activity 3: Training and recruiting:		
1500 Service academies; foreign students		- 1,400
1650 Air Battle Captain Program		+ 1,000
1950 Foreign military studies; Fort Leavenworth		+ 800

1950 National Defense University consolidation	- 8,500
Budget activity 4: Administration and servicewide activities:	
3000 Advanced local emergency response team	+ 1,000
3200 Pentagon renovation transfer	- 96,000
3200 Army conservation and ecosystem management	+ 3,000
3400 Rock Island bridge repairs	+ 5,500
Undistributed:	
3710 Classified programs	- 2,200
3715 Civilian personnel underexecution	- 120,000
3725 Fuel pricing differential	- 36,000
3730 Foreign currency fluctuation	- 81,300
3775 Base support shortfalls	+ 185,000
3850 Quality of life, real property maintenance	+ 130,000

COMMITTEE ADJUSTMENTS

Ammunition management.—The Committee commends the Department of the Army for its efforts to increase funding for ammunition care and maintenance in order to reduce the growing backlog developing in conventional munitions sustainment. In order to support this effort, the Committee has raised the legislated floor to \$375,000,000 in fiscal year 1999.

Fort Chaffee Maneuver Training Center.—The Committee recognizes that the Fort Chaffee Maneuver Training Center has received heavy usage by both Active and Reserve component units since its transfer to the Arkansas National Guard. However, the post's long-term viability as a training site is reduced by the deteriorating condition of many of its facilities. Therefore, the Committee provides \$1,000,000 to commence the conversion of one of Fort Chaffee's old World War II known distance ranges into a remote electronic target system range.

Domestic preparedness sustainment training.—The Committee recognizes the need to provide first responders with long-term training, refresher training, and realistic exercises to ensure proper preparation for chemical and biological incidents and terrorism. The Committee directs the Army to establish a Domestic Preparedness Sustainment Training Center in existing facilities at the Pine Bluff Arsenal, AR, and further directs that the Department of Defense work with the Department of Justice and other Federal agencies to incorporate the Domestic Preparedness Sustainment Training Center and Pine Bluff Arsenal's other unique research, laboratory, and production capabilities into national domestic preparedness planning.

Advanced local emergency response team.—The U.S. Army Soldiers and Chemical Biological Command currently provides response training to the threat of urban terrorism to 120 cities nationwide. An advanced local emergency response team [ALERT] could demonstrate the feasibility of the current training program and provide feedback to the Army for potential training modifications. The Committee provides \$1,000,000 to initiate a pilot program in Charlotte, NC. These funds will support the purchase of equipment, support services, administrative services, and training.

AIM XXI.—The Committee has fully funded the Army's depot maintenance requirements and directs the Army to give priority to the AIM XXI Program.

Rotary wing aircraft sustainment project.—The Committee directs that \$3,500,000 may be used for the rotary wing aircraft sustainment project at the Corpus Christi Army Depot.

Air battle captain.—The Committee recommends \$1,000,000 for the Air Battle Captain Program and directs the Army to recruit no fewer than 15 ROTC cadets during fiscal year 1999. Within this amount, the Committee includes \$200,000 specifically for air battle captain recruitment efforts. The Committee is aware that the Army has neglected to recruit students for this program and is concerned that this has affected the cost effectiveness of the program.

Hospital renovation.—The Committee recommends that, from within the funds allocated for Army maintenance of real property, \$10,000,000 shall be made available only for infrastructure repairs at the Fitzsimmons Army Hospital.

Walla Walla, WA.—This Committee is aware of the longstanding concern regarding deteriorating structures on the former Department of Defense site in Walla Walla, WA, which have most recently served as the U.S. Army Corps of Engineers' district headquarters. Previous Congresses have appropriated funds for studies, engineering, and bid documents. The Committee urges the Secretary to proceed with the demolition project.

Environmental cleanup at the Rocky Mountain Arsenal, CO.—The Rocky Mountain Arsenal [RMA] has been the focus of an aggressive soil and ground water contamination cleanup program since the mid-1980's. The contamination is the result of two decades of onsite disposal of hazardous waste associated with manufacturing and testing chemical agents and other munitions. In addition, portions of the arsenal were leased to Shell Oil for the manufacture of pesticides from 1952 to 1987.

In 1987, RMA was listed on the National Priority List [NPL], with the Department of the Army placed in charge of the cleanup. The Army and Shell have spent nearly \$1,000,000,000 to date for cleanup activities at RMA. The actual implementation of the remedy is moving forward. The dialog between the parties and regulators appears to be productive and the community is the beneficiary of oversight by the State of Colorado, U.S. Environmental Protection Agency, and tri-county health department. The RMA cleanup has become a model for Federal, State, and local cooperation when implementing cleanup projects, and changes and improvements have already been seen by all the parties. The Committee continues to support the RMA cleanup project and urges the Department of the Army to ensure that this critical cleanup is completed in a timely manner.

OPERATION AND MAINTENANCE, NAVY

Appropriations, 1998	\$21,617,766,000
Budget estimate, 1999	21,877,202,000
Committee recommendation	21,813,315,000

The Committee recommends an appropriation of \$21,813,315,000. This is \$63,887,000 below the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Navy funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds within budget activity funding categories in excess of \$15,000,000 are subject to standard reprogramming procedures.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, NAVY			
BUDGET ACTIVITY 1: OPERATING FORCES:			
AIR OPERATIONS:			
MISSION AND OTHER FLIGHT OPERATIONS	2,089,630	2,142,130	+ 52,500
FLEET AIR TRAINING	751,533	751,533	.....
INTERMEDIATE MAINTENANCE	46,925	46,925	.....
AIR OPERATIONS AND SAFETY SUPPORT	88,459	88,459	.....
AIRCRAFT DEPOT MAINTENANCE	735,731	735,731	.....
AIRCRAFT DEPOT OPERATIONS SUPPORT	20,249	20,249	.....
BASE SUPPORT	772,678	772,678	.....
MAINTENANCE OF REAL PROPERTY	283,600	283,600	.....
JCS EXERCISES & HEADQUARTERS REDUCTION .....	.....	.....	.....
SHIP OPERATIONS:			
MISSION AND OTHER SHIP OPERATIONS	1,987,873	.....	.....
SHIP OPERATIONAL SUPPORT AND TRAINING	541,069	541,069	.....
INTERMEDIATE MAINTENANCE	388,408	388,408	.....
SHIP DEPOT MAINTENANCE	1,947,424	1,977,424	+ 30,000
SHIP DEPOT OPERATIONS SUPPORT	1,147,209	1,147,209	.....
BASE SUPPORT	832,789	832,789	.....
MAINTENANCE OF REAL PROPERTY	248,601	248,601	.....
JCS EXERCISES & HEADQUARTERS REDUCTION .....	.....	.....	.....
COMBAT OPERATIONS/SUPPORT:			
COMBAT COMMUNICATIONS	234,450	234,450	.....
ELECTRONIC WARFARE	7,734	7,734	.....
SPACE SYSTEMS AND SURVEILLANCE	138,271	138,271	.....
WARFARE TACTICS	134,014	140,014	+ 6,000
OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	228,159	242,659	+ 14,500
COMBAT SUPPORT FORCES	444,072	444,072	.....
EQUIPMENT MAINTENANCE	170,937	170,937	.....
DEPOT OPERATIONS SUPPORT	694	694	.....
BASE SUPPORT	312,259	312,259	.....
MAINTENANCE OF REAL PROPERTY	52,603	52,603	.....
WEAPONS SUPPORT:			
CRUISE MISSILE	121,192	121,192	.....
FLEET BALLISTIC MISSILE	812,041	812,041	.....
IN-SERVICE WEAPONS SYSTEMS SUPPORT	61,598	61,598	.....
WEAPONS MAINTENANCE	389,469	419,469	+ 30,000
BASE SUPPORT	119,868	119,868	.....
MAINTENANCE OF REAL PROPERTY	31,675	31,675	.....
WORKING CAPITAL FUND SUPPORT: NWCf SUPPORT	43,300	43,300	.....
TOTAL, BUDGET ACTIVITY 1	15,184,514	15,317,514	+ 133,000
BUDGET ACTIVITY 2: MOBILIZATION:			
READY RESERVE AND PREPOSITIONING FORCES: SHIP			
PREPOSITIONING AND SURGE	428,775	434,775	+ 6,000
ACTIVATIONS/INACTIVATIONS:			
AIRCRAFT ACTIVATIONS/INACTIVATIONS	651	8,151	+ 7,500
SHIP ACTIVATIONS/INACTIVATIONS	511,976	511,976	.....
MOBILIZATION PREPAREDNESS:			
FLEET HOSPITAL PROGRAM	23,496	23,496	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
INDUSTRIAL READINESS	16,166	16,166	.....
COAST GUARD SUPPORT	17,229	17,229	.....
TOTAL, BUDGET ACTIVITY 2	998,293	1,011,793	+ 13,500
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
OFFICER ACQUISITION	75,643	74,243	- 1,400
RECRUIT TRAINING	4,556	4,556	.....
RESERVE OFFICERS TRAINING CORPS (ROTC)	69,087	69,087	.....
BASE SUPPORT	57,036	57,036	.....
MAINTENANCE OF REAL PROPERTY	81,371	81,371	.....
BASIC SKILLS AND ADVANCED TRAINING:			
SPECIALIZED SKILL TRAINING	237,916	239,916	+ 2,000
FLIGHT TRAINING	315,874	315,874	.....
PROFESSIONAL DEVELOPMENT EDUCATION	71,780	73,280	+ 1,500
TRAINING SUPPORT	138,319	138,319	.....
BASE SUPPORT	331,607	331,607	.....
MAINTENANCE OF REAL PROPERTY	92,400	92,400	.....
RECRUITING, AND OTHER TRAINING AND EDUCATION:			
RECRUITING AND ADVERTISING	130,415	130,415	.....
OFF-DUTY AND VOLUNTARY EDUCATION	74,669	74,669	.....
CIVILIAN EDUCATION AND TRAINING	37,425	37,425	.....
JUNIOR ROTC	22,830	22,830	.....
BASE SUPPORT	451	451	.....
MAINTENANCE OF REAL PROPERTY	61	61	.....
TOTAL, BUDGET ACTIVITY 3	1,741,440	1,743,540	+ 2,100
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
SERVICEWIDE SUPPORT:			
ADMINISTRATION	565,193	533,106	- 32,087
EXTERNAL RELATIONS	21,456	21,456	.....
CIVILIAN MANPOWER AND PERSON MANAGEMENT	140,247	140,247	.....
MILITARY MANPOWER AND PERSON MANAGEMENT	125,125	125,125	.....
OTHER PERSONNEL SUPPORT	201,014	201,014	.....
SERVICEWIDE COMMUNICATIONS	244,766	246,766	+ 2,000
BASE SUPPORT	228,046	228,046	.....
MAINTENANCE OF REAL PROPERTY	44,827	44,827	.....
COMMISSARY OPERATIONS	255,000	255,000	.....
LOGISTICS OPERATIONS AND TECHNICAL SUPPORT:			
SERVICEWIDE TRANSPORTATION	144,245	144,245	.....
PLANNING, ENGINEERING AND DESIGN	262,615	262,615	.....
ACQUISITION AND PROGRAM MANAGEMENT	473,159	473,159	.....
AIR SYSTEMS SUPPORT	280,437	280,437	.....
HULL, MECHANICAL AND ELECTRICAL SUPPORT	55,467	55,467	.....
COMBAT/WEAPONS SYSTEMS	41,700	41,700	.....
SPACE AND ELECTRONIC WARFARE SYSTEMS	72,178	72,178	.....
BASE SUPPORT	219,826	219,826	.....
MAINTENANCE OF REAL PROPERTY	40,722	55,722	+ 15,000
SECURITY PROGRAMS:			
SECURITY PROGRAMS	568,257	568,257	.....
BASE SUPPORT	8,814	8,814	.....
MAINTENANCE OF REAL PROPERTY	1,426	1,426	.....
SUPPORT OF OTHER NATIONS: INTERNATIONAL HEADQUARTERS AND AGENCIES			
	8,435	8,435	.....
TOTAL, BUDGET ACTIVITY 4	4,002,955	3,987,868	- 15,087
CLASSIFIED PROGRAMS UNDISTRIBUTED		500	+ 500
INFORMATION RESOURCE MANAGEMENT .....			.....
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	- 50,000	- 50,000	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
FUEL PRICING DIFFERENTIAL		-167,000	-167,000
FOREIGN CURRENCY FLUCTUATION		-7,900	-7,900
CIVILIAN PERSONNEL UNDERSTRENGTH		-106,000	-106,000
BASE SUPPORT		35,000	+35,000
ENVIRONMENTAL COMPLIANCE			
ECONOMIC ASSUMPTIONS			
OTHER CONTRACTS			
QUALITY OF LIFE/REAL PROPERTY MAINTENANCE		48,000	+48,000
TDY EXPENSES			
QDR CIVILIAN PERSONNEL REDUCTIONS			
MAGIC LANTERN			
TOTAL, OPERATION AND MAINTENANCE, NAVY	21,877,202	21,813,315	-63,887
TRANSFER	(50,000)	(50,000)	
TOTAL FUNDING AVAILABLE	(21,927,202)	(21,863,315)	(-63,887)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating forces:		
4400 ALQ-165; maintenance and repair		+9,000
4400 Flying Hour Program shortfalls		+43,500
5000 Ship depot maintenance		+16,000
5000 Shipyard Apprentice Program		+14,000
5400 PMRF		+6,000
5450 Navy Meteorology and Oceanography Command		+7,000
5450 National Oceanography Partnering Program		+7,500
5950 Tomahawk recertification		+15,000
5950 Mk-45 overhaul line		+10,000
5950 CIWS overhaul		+5,000
Budget activity 2: Mobilization:		
6350 Dredging to support inactive Reserve fleet		+6,000
6450 Ship disposal initiative		+7,500
Budget activity 3: Training and recruiting:		
6900 Service academies; foreign students		-1,400
7200 NELP		+2,000
7300 Experimental MBA Program		+1,500
Budget activity 4: Administration and servicewide activities:		
8000 Pentagon renovation transfer		-32,087
8250 NISE-East		+2,000
8900 Adak facilities remediation and disposal		+15,000
Undistributed:		
9360 Classified programs		+500
9375 Fuel pricing differential		-167,000
9380 Foreign currency fluctuation		-7,900
9390 Civilian personnel underexecution		-106,000
9395 Base support shortfalls		+35,000
9425 Quality of life, real property maintenance		+48,000

COMMITTEE ADJUSTMENTS

O&M SUPPORT OF MILITARY FORCES

Barrow landfill.—Of the funds provided in this account, the Committee directs the Department of the Navy to provide \$2,500,000 for costs associated with the closure of the Barrow landfill. The Department of Defense sited, developed, and managed this landfill for 31 years, with the Naval Arctic Research Laboratory lo-

cated at Barrow as the primary user of the facility. The Committee urges the Department of Defense to work with the North Slope Borough in closing the landfill and determining continuing funding responsibilities. These funds should be provided to the appropriate local government entity.

Shipyard Apprenticeship Program.—The Committee recommends an increase of \$14,000,000 to establish a new Shipyard Apprenticeship Program at the public shipyards. The downsizing over the past decade at our Navy shipyards has increased the average age of the shipyard worker to nearly 45 years, and limited the ability of Navy managers to hire new apprentices. The Committee believes this matter requires immediate attention and directs that the Navy initiate a program within the next 90 days to address the aging work force at all four public shipyards. Funds have been added to augment working capital funds and other resources to ensure that this program is not forced to compete with depot maintenance requirements. The Committee expects these funds shall only be used to hire new apprentices, and that the funding provided shall be in addition to any other resources requested in the budget for work force revitalization. The Committee directs the Navy to report to the Appropriations Committees by April 1, 1999, on the implementation of this program, by shipyard.

Lift bridge repair.—From within the amounts provided for real property maintenance and minor construction, \$17,500,000 shall be available only for repair and refurbishment of the lift bridge providing access to the former Philadelphia Navy Shipyard.

Shipyard infrastructure repairs.—The Committee recommends that within the funds allocated for Navy maintenance of real property, \$15,000,000 shall be used only for infrastructure repairs at the Charleston Naval Shipyard.

Pacific Missile Range facility [PMRF].—The Committee recommends \$40,222,000 for operations at PMRF, an increase of \$6,000,000 above the budget, to account for shortfalls in the request. The amount recommended is \$6,196,000 less than provided for fiscal year 1998. A consolidated contract for range and base operations is expected to generate significant savings in the cost of operations at the range in the coming year. The Committee expects that additional funding will be made available to support range and base operations requirements if contract costs exceed current expectations.

OPERATION AND MAINTENANCE, MARINE CORPS

Appropriations, 1998	\$2,372,635,000
Budget estimate, 1999	2,523,703,000
Committee recommendation	2,576,190,000

The Committee recommends an appropriation of \$2,576,190,000. The recommendation is \$52,487,000 above the budget request.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Marine Corps funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level

by O-1 category is provided below. Proposed transfers of funds within budget activity funding categories in excess of \$15,000,000 are subject to standard reprogramming procedures.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, MARINE CORPS			
BUDGET ACTIVITY 1: OPERATING FORCES:			
EXPEDITIONARY FORCES:			
OPERATIONAL FORCES	375,531	389,831	+ 14,300
FIELD LOGISTICS	221,693	221,693	.....
DEPOT MAINTENANCE	78,713	78,713	.....
BASE SUPPORT	692,716	692,716	.....
MAINTENANCE OF REAL PROPERTY	292,216	292,216	.....
JCS EXERCISES & HEADQUARTERS REDUCTION .....	.....	.....	.....
USMC PREPOSITIONING:			
MARITIME PREPOSITIONING	81,325	81,325	.....
NORWAY PREPOSITIONING	4,328	4,328	.....
TOTAL, BUDGET ACTIVITY 1	1,746,522	1,760,822	+ 14,300
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
RECRUIT TRAINING	10,202	10,202	.....
OFFICER ACQUISITION	289	289	.....
BASE SUPPORT	53,526	53,526	.....
MAINTENANCE OF REAL PROPERTY	17,292	17,292	.....
BASIC SKILLS AND ADVANCED TRAINING:			
SPECIALIZED SKILLS TRAINING	28,269	28,269	.....
FLIGHT TRAINING	161	161	.....
PROFESSIONAL DEVELOPMENT EDUCATION	6,478	6,478	.....
TRAINING SUPPORT	81,338	88,338	+ 7,000
BASE SUPPORT	55,771	55,771	.....
MAINTENANCE OF REAL PROPERTY	24,009	24,009	.....
RECRUITING AND OTHER TRAINING EDUCATION:			
RECRUITING AND ADVERTISING	80,798	80,798	.....
OFF-DUTY AND VOLUNTARY EDUCATION	15,016	15,016	.....
JUNIOR ROTC	9,201	9,201	.....
BASE SUPPORT	8,496	8,496	.....
MAINTENANCE OF REAL PROPERTY	2,440	2,440	.....
TOTAL, BUDGET ACTIVITY 3	393,286	400,286	+ 7,000
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
SERVICEWIDE SUPPORT:			
SPECIAL SUPPORT	224,668	215,155	- 9,513
SERVICEWIDE TRANSPORTATION	29,630	29,630	.....
ADMINISTRATION	26,509	26,509	.....
BASE SUPPORT	14,557	14,557	.....
MAINTENANCE OF REAL PROPERTY	1,931	1,931	.....
COMMISSARY OPERATIONS	86,600	86,600	.....
TOTAL, BUDGET ACTIVITY 4	383,895	374,382	- 9,513
FOREIGN CURRENCY FLUCTUATION .....	.....	- 2,300	- 2,300
FUEL PRICING DIFFERENTIAL .....	.....	- 8,000	- 8,000
REAL PROPERTY MAINTENANCE .....	.....	.....	.....
ECONOMIC ASSUMPTIONS .....	.....	.....	.....
QDR CIVILIAN PERSONNEL REDUCTIONS .....	.....	.....	.....
BASE SUPPORT .....	.....	15,000	+ 15,000
QUALITY OF LIFE/REAL PROPERTY MAINTENANCE .....	.....	36,000	+ 36,000
CIVILIAN PERSONNEL UNDEREXECUTION .....	.....	.....	.....
TDY EXPENSES .....	.....	.....	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	2,523,703	2,576,190	+ 52,487

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating forces:			
10050 Initial issue gear			+ 12,600
10050 NBC defense equipment			+ 1,700
Budget activity 3: Training and recruiting:			
11000 Distance learning			+ 7,000
Budget activity 4: Administration and servicewide activities:			
11650 Pentagon renovation transfer			- 9,513
Undistributed:			
11915 Foreign currency fluctuation			- 2,300
11920 Fuel pricing differential			- 8,000
11945 Base support shortfalls			+ 15,000
11950 Quality of life, real property maintenance			+ 36,000

OPERATION AND MAINTENANCE, AIR FORCE

Appropriations, 1998	\$18,492,883,000
Budget estimate, 1999	19,127,004,000
Committee recommendation	19,073,141,000

The Committee recommends an appropriation of \$19,073,141,000. This is \$53,863,000 below the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Air Force funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds within budget activity funding categories in excess of \$15,000,000 are subject to standard reprogramming procedures.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, AIR FORCE			
BUDGET ACTIVITY 1: OPERATING FORCES:			
AIR OPERATIONS:			
PRIMARY COMBAT FORCES	2,311,299	2,461,399	+ 150,100
PRIMARY COMBAT WEAPONS	236,147	234,347	- 1,800
COMBAT ENHANCEMENT FORCES	196,036	196,036	.....
AIR OPERATIONS TRAINING	562,839	567,939	+ 5,100
DEPOT MAINTENANCE	1,022,087	1,022,087	.....
COMBAT COMMUNICATIONS	958,706	958,706	.....
BASE SUPPORT	1,538,126	1,538,126	.....
MAINTENANCE OF REAL PROPERTY	575,656	575,656	.....
JCS EXERCISES & HEADQUARTERS REDUCTION .....	.....	.....	.....
COMBAT RELATED OPERATIONS:			
GLOBAL C ³ I AND EARLY WARNING	669,379	669,379	.....
NAVIGATION/WEATHER SUPPORT	118,337	118,337	.....
OTHER COMBAT OPS SUPPORT PROGRAMS	221,593	221,593	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
JCS EXERCISES	30,521	30,521	.....
MANAGEMENT/OPERATIONAL HEADQUARTERS	117,540	117,540	.....
TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	227,980	227,980	.....
SPACE OPERATIONS:			
LAUNCH FACILITIES	221,046	216,046	- 5,000
LAUNCH VEHICLES	102,064	102,064	.....
SPACE CONTROL SYSTEMS	246,940	257,940	+ 11,000
SATELLITE SYSTEMS	36,152	36,152	.....
OTHER SPACE OPERATIONS	85,292	90,292	+ 5,000
BASE SUPPORT	309,406	309,406	.....
MAINTENANCE OF REAL PROPERTY	122,525	122,525	.....
TOTAL, BUDGET ACTIVITY 1	9,909,671	10,074,071	+ 164,400
BUDGET ACTIVITY 2: MOBILIZATION:			
MOBILITY OPERATIONS:			
AIRLIFT OPERATIONS	1,326,774	1,326,774	.....
AIRLIFT OPERATIONS C ³ I	21,676	21,676	.....
MOBILIZATION PREPAREDNESS	134,807	144,807	+ 10,000
DEPOT MAINTENANCE	316,485	316,485	.....
PAYMENTS TO TRANSPORTATION BUSINESS AREA	470,000	470,000	.....
BASE SUPPORT	390,876	390,876	.....
MAINTENANCE OF REAL PROPERTY	148,331	148,331	.....
TOTAL, BUDGET ACTIVITY 2	2,808,949	2,818,949	+ 10,000
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
OFFICER ACQUISITION	57,679	56,279	- 1,400
RECRUIT TRAINING	4,360	4,360	.....
RESERVE OFFICER TRAINING CORPS (ROTC)	46,522	46,522	.....
BASE SUPPORT (ACADEMIES ONLY)	58,828	58,828	.....
MAINTENANCE OF REAL PROPERTY (ACADEMIES ONLY)	37,655	37,655	.....
BASIC SKILLS AND ADVANCED TRAINING:			
SPECIALIZED SKILL TRAINING	215,477	215,477	.....
FLIGHT TRAINING	406,940	406,940	.....
PROFESSIONAL DEVELOPMENT EDUCATION	90,709	90,709	.....
TRAINING SUPPORT	65,742	65,742	.....
DEPOT MAINTENANCE	12,186	12,186	.....
BASE SUPPORT (OTHER TRAINING)	370,961	370,961	.....
MAINTENANCE OF REAL PROPERTY (OTHER TRAINING)	102,238	102,238	.....
RECRUITING, AND OTHER TRAINING AND EDUCATION:			
RECRUITING AND ADVERTISING	54,775	54,775	.....
EXAMINING	2,668	2,668	.....
OFF DUTY AND VOLUNTARY EDUCATION	84,122	84,122	.....
CIVILIAN EDUCATION AND TRAINING	61,124	61,124	.....
JUNIOR ROTC	26,557	26,557	.....
TOTAL, BUDGET ACTIVITY 3	1,698,543	1,697,143	- 1,400
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
LOGISTICS OPERATIONS:			
LOGISTICS OPERATIONS	706,893	706,893	.....
TECHNICAL SUPPORT ACTIVITIES	389,685	389,685	.....
SERVICEWIDE TRANSPORTATION	196,178	196,178	.....
DEPOT MAINTENANCE	69,344	69,344	.....
BASE SUPPORT	916,165	916,165	.....
MAINTENANCE OF REAL PROPERTY	257,685	257,685	.....
SERVICEWIDE ACTIVITIES:			
ADMINISTRATION	140,879	140,879	.....
SERVICEWIDE COMMUNICATIONS	234,065	234,065	.....
PERSONNEL PROGRAMS	127,718	127,718	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
RESCUE AND RECOVERY SERVICES	48,466	48,466	.....
ARMS CONTROL	30,005	30,005	.....
OTHER SERVICEWIDE ACTIVITIES	517,780	465,580	- 52,200
OTHER PERSONNEL SUPPORT	31,828	31,828	.....
CIVIL AIR PATROL CORPORATION	13,927	23,964	+ 10,037
COMMISSARY OPERATIONS	302,071	302,071	.....
BASE SUPPORT	180,221	180,221	.....
MAINTENANCE OF REAL PROPERTY	26,067	26,067	.....
SECURITY PROGRAMS: SECURITY PROGRAMS	557,256	557,256	.....
SUPPORT TO OTHER NATIONS: INTERNATIONAL SUPPORT	13,608	13,608	.....
TOTAL, BUDGET ACTIVITY 4	4,759,841	4,717,678	- 42,163
CLASSIFIED PROGRAMS UNDISTRIBUTED .....	.....	- 1,000	- 1,000
CIVILIAN PERSONNEL UNDERSTRENGTH .....	.....	- 83,600	- 83,600
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	- 50,000	- 50,000	.....
FUEL PRICING DIFFERENTIAL .....	.....	- 176,000	- 176,000
FOREIGN CURRENCY FLUCTUATION/BUDGET AMEND .....	.....	- 19,200	- 19,200
INFORMATION RESOURCE MANAGEMENT .....	.....	10,100	+ 10,100
BASE SUPPORT .....	.....	35,000	+ 35,000
ECONOMIC ASSUMPTIONS .....	.....	.....	.....
OTHER CONTRACTS .....	.....	.....	.....
CHEMICAL/BIOLOGICAL DEFENSE—PACOM .....	.....	.....	.....
QUALITY OF LIFE/REAL PROPERTY MAINTENANCE .....	.....	50,000	+ 50,000
TDY EXPENSES .....	.....	.....	.....
QDR—CIVILIAN PERSONNEL REDUCTIONS .....	.....	.....	.....
TOTAL, O&M, AIR FORCE	19,127,004	19,073,141	- 53,863
TRANSFER	(50,000)	(50,000)	.....
TOTAL FUNDING AVAILABLE	(19,177,004)	(19,123,141)	(- 53,863)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating forces:		
12600	Flying hour shortfalls	+ 110,000
12600	B-52 attrition reserve	+ 40,100
12650	LANTIRN PMA Office	- 1,800
12750	Combat training ranges	+ 5,100
13350	Maintenance of Delta-1/Delta-9 facilities	+ 5,000
13350	Test launch delays	- 10,000
13450	SPACECOM operations	+ 11,000
13550	University partnering for operational support	+ 5,000
Budget activity 2: Mobilization:		
13950	War reserve materials	+ 10,000
Budget activity 3: Training and recruiting:		
14300	Service academies; foreign students	- 1,400
Budget activity 4: Administration and servicewide activities:		
15950	Pentagon renovation transfer	- 52,200
16050	CAP Corporation	+ 10,037
Undistributed:		
16410	Classified programs	- 1,000
16415	Civilian personnel underexecution	- 83,600
16425	Fuel pricing differential	- 176,000
16430	Foreign currency fluctuation	- 19,200
16475	REMIS	+ 10,100
16480	Base support shortfalls	+ 35,000
16505	Quality of life, real property maintenance	+ 50,000

O&M SUPPORT OF MILITARY FORCES

Combat ranges.—Prior to obligating or expending any of the additional funds provided for combat training ranges, the Secretary of the Air Force shall provide a written report to the Senate Appropriations Committee detailing the plan for distribution of these funds to the various range facilities.

B-52 attrition reserve aircraft.—The Committee directs that this funding be used to operate and maintain the current force structure of 94 B-52's and to continue standard maintenance and upgrades on the attrition reserve aircraft. Additionally, the Committee directs the Air Force to treat all 94 B-52's now in the force structure as aircraft to be retained for the 6-year period beginning October 1, 1998.

CINC support aircraft.—The Committee recognizes the challenges facing the Department due to the age, excessive support costs, and operational restrictions of the C-137 and C-135 aircraft fleets. The Committee understands the Department has considered several options to address the lack of reliable, affordable, and appropriate aircraft assets to meet these requirements. Current mission needs and resources do not support dedicated, large, intercontinental support aircraft for each regional Commander in Chief [CINC]. The Committee especially rejects, and opposes any funding for the conversion of operational air refueling tanker aircraft for the CINC support mission.

The Committee directs that the Deputy Secretary of Defense and the Vice Chairman of the Joint Chiefs implement the consolidation of all existing CINC support aircraft into a centrally managed pool, dispersed to key geographic locations. These aircraft should be available to support all departmental missions and requirements, not reserved for the use of a single headquarters. Allocation of aircraft assets should be made on a mission priority basis, irrespective of regional location. This plan should be presented to the congressional defense committees not later than March 1, 1999.

The Committee includes funds in the procurement title of this bill to purchase two new C-37A aircraft to immediately address the need for aircraft replacement. These smaller aircraft, with drastically lower operation and support costs, will better meet the mission requirement for CINC transportation. These aircraft should be modified to the minimum level, remaining fairly common with similar aircraft serving similar purposes in the commercial marketplace. This approach ensures that the Department can recover a portion of this investment if the aircraft are subsequently replaced, or if leasing of such support aircraft can be initiated.

One of the new aircraft should be deployed to MacDill Air Force Base as part of the pool to support the Southern, Central, Special Operations Forces and Atlantic Commands. The second new aircraft should be deployed to Hickam Air Force Base as part of the pool to support the Pacific Command—including Korea, the Pacific Air Forces, the Pacific Fleet, and U.S. Army Pacific. The plan presented by the Deputy Secretary of Defense and the Vice Chairman of the Joint Chiefs should address any additional requirement for replacement aircraft, and the deployment sites for the entire support fleet.

C-130J schoolhouse training.—The Committee endorses the Air Force’s decision to keep C-130 schoolhouse training centralized in the C-130 formal training unit [FTU] at Little Rock AFB, AR. Subsequently, the Committee directs the Air Force to examine the viability of basing C-130J’s at Little Rock Air Force Base and implementing the C-130J schoolhouse training there and to report their findings to the Committee not later than February 1, 1999.

Air Force Plant No. 34, Tulsa, OK.—The Committee commends the Department of the Air Force for the expeditious obligation of environmental cleanup funds for the ground contamination present at the facility as directed by the Committee in fiscal year 1998. The Committee, however, remains concerned about other environmental contamination present onsite, particularly in the above-ground structures. The Committee directs the Secretary of the Air Force to investigate these hazards and report on these risks to the congressional defense committees no later than March 1, 1999. The report should also include a detailed obligation schedule that fully addresses these concerns before the actual title transfer to the city of Tulsa.

Radioactive iodine experimentation.—The Committee strongly encourages the Air Force to equitably and expeditiously resolve the pending claim filed on behalf of the Inupiat Eskimos who were subjected to radioactive iodine 131 experimentation by the Air Force in the mid-1950’s. These Alaskan Natives were used as experimental subjects without informed consent by the Arctic Aeromedical Laboratory.

OTHER AIR FORCE PROGRAMS

Civil Air Patrol.—The Committee directs the Secretary of the Air Force to provide the following amounts for the Civil Air Patrol:

CAP operations:	
O&M	\$20,654,000
Procurement	4,941,000
Counternarcotics	3,715,000

The amounts delineated above are \$10,037,000 above the amount requested by the Air Force for Civil Air Patrol requirements.

The Committee understands that the Air Force has been reviewing the question of the impact, if any, of the Federal Grant and Cooperative Agreement Act of 1977 to the Air Force’s funding of the Civil Air Patrol. The Committee directs the Air Force to discontinue its efforts to implement changes to funding policies and procedures for the Civil Air Patrol, including application of the Federal Grant and Cooperative Agreement Act of 1977, so Congress can fully review the impact of these proposed changes. The Committee further directs that the Air Force and the Civil Air Patrol submit a joint report on possible improvements to funding policies and procedures to the Committee no later than December 1, 1998.

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Appropriations, 1998	\$10,369,740,000
Budget estimate, 1999	10,750,601,000
Committee recommendation	10,259,231,000

The Committee recommends an appropriation of \$10,259,231,000. This is \$491,370,000 below the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Defense-wide funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds within budget activity funding categories in excess of \$15,000,000 are subject to standard reprogramming procedures.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
BUDGET ACTIVITY 1: OPERATING FORCES:			
JOINT CHIEFS OF STAFF	410,065	417,065	+ 7,000
SPECIAL OPERATIONS COMMAND	1,149,328	.....	- 1,149,328
TOTAL, BUDGET ACTIVITY 1	1,559,393	417,065	- 1,142,328
BUDGET ACTIVITY 2: MOBILIZATION: DEFENSE LOGISTICS AGENCY	38,934	38,934	.....
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
DEFENSE ACQUISITION UNIVERSITY .....	.....	.....	.....
AMERICAN FORCES INFORMATION SERVICE	11,059	11,059	.....
DEFENSE HUMAN RESOURCES FIELD ACTIVITY .....	.....	.....	.....
DEFENSE SPECIAL WEAPONS AGENCY .....	.....	.....	.....
SPECIAL OPERATIONS COMMAND	42,408	.....	- 42,408
TOTAL, BUDGET ACTIVITY 3	53,467	11,059	- 42,408
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
AMERICAN FORCES INFORMATION SERVICE	93,815	93,595	- 220
CIVIL MILITARY PROGRAMS	44,894	88,394	+ 43,500
CLASSIFIED AND INTELLIGENCE	3,803,561	3,767,161	- 36,400
DEFENSE CONTRACT AUDIT AGENCY	330,087	330,087	.....
DEFENSE FINANCE AND ACCOUNTING SERVICE	83,277	83,277	.....
DEFENSE HUMAN RESOURCES ACTIVITY	198,923	192,923	- 6,000
DEFENSE INFORMATION SYSTEMS AGENCY	771,106	763,706	- 7,400
DEFENSE INVESTIGATIVE SERVICE .....	.....	.....	.....
DEFENSE LEGAL SERVICES AGENCY	9,027	9,027	.....
DEFENSE LOGISTICS AGENCY	1,140,137	1,153,137	+ 13,000
PROCUREMENT TECHNICAL ASSISTANCE PROGRAM .....	.....	17,000	+ 17,000
DEFENSE POW/MISSING PERSONS OFFICE	14,110	14,110	.....
DEFENSE SECURITY ASSISTANCE AGENCY	4,610	4,610	.....
DEFENSE SECURITY SERVICE	83,419	83,419	.....
DEFENSE SPECIAL WEAPONS AGENCY .....	.....	.....	.....
DEFENSE SUPPORT ACTIVITIES .....	.....	.....	.....
DEFENSE TECHNOLOGY SECURITY ADMINISTRATION .....	.....	.....	.....
DEFENSE THREAT REDUCTION AND TREATY COMPLIANCE AGENCY ...	304,745	251,445	- 53,300
DEPARTMENT OF DEFENSE DEPENDENTS EDUCATION	1,347,718	1,348,118	+ 400
FEDERAL ENERGY MANAGEMENT PROGRAM .....	.....	.....	.....
JOINT CHIEFS OF STAFF	139,616	112,716	- 26,900
OFFICE OF ECONOMIC ADJUSTMENT	31,233	31,233	.....
OFFICE OF THE SECRETARY OF DEFENSE	369,836	375,836	+ 6,000
OFFICE OF THE SECRETARY OF DEFENSE (NO YEAR) .....	.....	.....	.....
ON SITE INSPECTION AGENCY .....	.....	.....	.....
SPECIAL OPERATIONS COMMAND	47,117	.....	- 47,117
WASHINGTON HEADQUARTERS SERVICE	281,676	224,376	- 57,300
REPAIRS TO FEDERALLY-FUNDED SCHOOLS .....	.....	10,000	+ 10,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
TOTAL, BUDGET ACTIVITY 4	9,098,907	8,954,170	-144,737
BUDGET ACTIVITY 5: SPECIAL OPERATIONS COMMAND		1,252,503	+1,252,503
LEGACY		10,000	+10,000
CIVILIAN PERSONNEL UNDERSTRENGTH		-349,000	-349,000
FOREIGN CURRENCY FLUCTUATION		-8,500	-8,500
FUEL PRICING DIFFERENTIAL		-67,000	-67,000
ECONOMIC ASSUMPTIONS			
INFORMATION RESOURCE MANAGEMENT			
PENTAGON RENOVATION SWING SPACE			
DEFENSE AUTOMATED PRINTING SERVICE			
QDR—6% REDUCTION			
UNSPECIFIED REDUCTION	-100		+100
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	10,750,601	10,259,231	-491,370

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating forces:		
17050 Exercise Northern Edge		+7,000
Budget activity 4: Administration and servicewide activities:		
17750 AFIS; Pentagon renovation transfer		-220
17755 Civil-military programs		+43,500
17800 Classified programs		-36,400
18000 Human resources field activity consolidation		-6,000
18050 DISA; joint spectrum transfer		-1,800
18050 Pentagon renovation transfer		-5,600
18200 DLA; automated data conversion system		+30,000
18200 Procurement Technical Assistance Program [PTAP] transfer ..		-17,000
18250 PTAP		+17,000
18475 DTRA; consolidation efficiencies		-27,400
18475 Partnership For Peace; excessive growth		-15,400
18475 PFP information management systems [PIMS]		+3,000
18475 Treaty implementation delays		-13,500
18500 DODDS Math Teacher Leadership Program		+400
18600 JCS; Pentagon renovation transfer		-26,900
18700 OSD; travel and other administration growth		-4,000
18700 New Parent Support Program		+10,000
18900 WHS; Pentagon renovation transfer		-41,300
18900 Pentagon renovation transfer—other agencies		-16,000
18920 Repairs to federally funded schools		+10,000
Budget activity 5: Special Operations Command:		
Maritime training		+5,000
CPRO training		+7,650
Language training		+1,000
Undistributed:		
18960 Legacy		+10,000
18970 Civilian personnel underexecution		-349,000
18975 Foreign currency fluctuation		-8,500
18980 Fuel pricing differential		-67,000

COMMITTEE ADJUSTMENTS

Northern Edge Joint Training and Exercise Program.—The Committee provides \$7,000,000 for the U.S. Pacific Command's Northern Edge Joint Training and Exercise Program. This exercise program supports a series of joint and combined military exercises and

training in the north Pacific region. Training scenarios range from military operations other than war to large-scale theater warfare.

Defense Threat Reduction and Treaty Compliance Agency.—The Committee acknowledges the need confirmed by the defense reform initiative [DRI] to reduce the significant overlap and duplication of effort by the numerous organizations which were recently consolidated into this new agency. However, the savings estimated by the Department is considered to be overly conservative, considering the substantial number of assimilations and functional transfers, and reduces funding by \$27,400,000. The Committee has also reduced funding by \$13,500,000 as a result of expected delays in treaty implementation and scheduled inspections.

Procurement Technical Assistance Program [PTAP].—The Committee commends the Department for including the Procurement Technical Assistance Program funding in this year's budget request and subsequently provides full funding for this worthwhile initiative. The Committee directs that PTAP be designated as a separate special interest program, with written approval by the Appropriations Committees required prior to any below-threshold reprogramming from this line.

Partnership for Peace Program.—The Committee notes that the budget submission for the Partnership for Peace Program has increased by more than 22 percent over the fiscal year 1998 level. This growth is considered excessive, in light of the difficult funding choices being faced in the readiness accounts of the active forces. Of the funds recommended by the Committee, \$3,000,000 has been provided for the PFP information management system [PIMS].

OTHER DEFENSE PROGRAMS

Legacy Program.—The Committee provides \$10,000,000 for continuation of the Legacy Program. The Department is expected to program adequate funding for this program in fiscal year 1999.

Charleston Macalloy site.—The Committee notes the history of the Defense Logistics Agency [DLA] inventory location 429 (Macalloy site), Charleston, SC, and its manufacture of the alloy, ferrochromium, for the Department of Defense. A remediation plan for this site is currently being developed which will address both Federal and State environmental issues associated with chromium pollutants. The Committee directs the Department to determine whether this site is eligible under the formerly used defense sites [FUDS] project criteria and report to the congressional defense committees by February 1, 1999, on the results of this assessment.

Security locks.—Federal specification FF-L-2740A was established by the Inter-Agency Committee on Security Equipment as the standard for providing secure protection of sensitive classified material. The Committee has supported the Department of Defense's efforts to retrofit existing containers with security locks that conform to this specification and the Department's procurement of new conforming containers. However, the Committee is concerned that sensitive classified material in the possession of defense contractors is not subject to the same protection. While new containers purchased by defense contractors must have locks which meet or exceed this specification, there remain a number of older containers which fall below the prescribed standard.

The Committee, therefore, directs the Under Secretary of Defense for Acquisition and Technology to report to the defense committees on the DOD plan to ensure that defense contractors in possession of classified material retrofit all security containers which do not have security locks which meet Federal specification FF-L-2740A, no later than December 15, 1998.

Community retraining, reinvestment, and manufacturing initiative.—The Department is directed to make available, from existing funds, up to \$8,000,000 for a community retraining, reinvestment, and manufacturing initiative to be conducted by an academic consortia with existing programs in manufacturing and retraining.

CIVIL-MILITARY PROGRAMS

The Committee continues to support the Department’s civil-military programs and provides a total of \$88,394,000 for fiscal year 1999 as follows:

	[In thousands of dollars]	
Youth Challenge Program		62,394
Innovative readiness training		20,000
Starbase Youth Program		6,000
		88,394
Total		88,394

The Committee directs the Department to report to the Committees on Appropriations on the status of the obligation of these funds not later than February 15, 1999.

Innovative readiness training.—The Department has conducted civil-military innovative readiness training [IRT] throughout the United States since the early 1990’s. Through the use of Active and Reserve component personnel, this program provides community support in the areas of health care, engineering, and infrastructure. These combat support and service support units gain valuable hands-on mission essential training. The Committee continues to strongly support this realistic training and endorses such projects as Guardcare and Walking Shield. The Committee believes that the Department should expand the scope of the readiness training initiatives to include native American groups when appropriate and compatible with mission requirements.

INSTITUTE FOR NATIONAL SECURITY STUDIES

The Committee commends the Institute for National Security studies at the National Defense University for its excellent analysis on national security issues. The INSS annual “Strategic Assessment”, “Joint Force Quarterly” and many groundbreaking conferences and war games, provide the kind of forward-looking debate that is needed in a democracy. INSS researchers provide the Department of Defense with a unique and innovative analytical capability that will help our Nation develop sound national security strategies for the future.

RESERVE AND NATIONAL GUARD OPERATION AND MAINTENANCE

OPERATION AND MAINTENANCE, ARMY RESERVE

Appropriations, 1998	\$1,207,891,000
Budget estimate, 1999	1,202,622,000
Committee recommendation	1,202,622,000

The Committee recommends an appropriation of \$1,202,622,000. This is equal to the budget request.

Construction equipment rebuild programs.—The Committee encourages the Department of the Army to initiate and fund a rebuild program for graders and scrapers for the Army Reserve. The major end-item rebuild program has proved to be an important part of the Army's overall modernization strategy.

OPERATION AND MAINTENANCE, NAVY RESERVE

Appropriations, 1998	\$921,711,000
Budget estimate, 1999	928,639,000
Committee recommendation	928,639,000

The Committee recommends an appropriation of \$928,639,000. This is equal to the budget request.

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Appropriations, 1998	\$116,366,000
Budget estimate, 1999	114,593,000
Committee recommendation	114,593,000

The Committee recommends an appropriation of \$114,593,000. This is equal to the budget request.

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Appropriations, 1998	\$1,632,030,000
Budget estimate, 1999	1,744,696,000
Committee recommendation	1,744,696,000

The Committee recommends an appropriation of \$1,744,696,000. This is equal to the budget request.

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Appropriations, 1998	\$2,419,632,000
Budget estimate, 1999	2,436,815,000
Committee recommendation	2,661,815,000

The Committee recommends an appropriation of \$2,661,815,000. This is \$225,000,000 above the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustments</i>
Real property maintenance backlog	65,000
Distance learning project/information management	35,000
Land forces operations	53,500
Land forces readiness support	14,000
Depot maintenance	37,500
Communication shortfalls	20,000
Total adjustments	225,000
Recommended appropriations	2,661,815

Real property maintenance, Army National Guard.—During the past several years, the Committee provided an increase for in-house recurring maintenance and day-to-day repairs, as well as in-house and contract projects required to maintain, repair, and adapt facility infrastructure to meet mission needs. The Committee provides \$65,000,000 for this purpose in fiscal year 1999. The Committee intends for these funds to be used to reduce the growing Army National Guard real property maintenance project backlog within the 54 Army Guard organizations, not for studies or other administrative functions. The funds provided under this heading are in addition to any other funds appropriated to the Army for real property maintenance on behalf of the Army National Guard. The Committee directs the Chief of the National Guard Bureau provide to the Committee of Appropriations a report detailing how these funds will be allocated not later than March 1, 1999.

Distance learning initiative.—The Committee provides an increase of \$35,000,000 in the Army National Guard “Operation and maintenance” appropriation and \$31,000,000 in the “Other procurement, Army” appropriation for distance learning and information management requirements. The Committee supports the regional distance learning initiative and creation of a distance learning network to reduce costs of training soldiers, as well as to track personnel and equipment inventories. The program is now fielded nationwide to include the territories. Over 200 classrooms will be fielded over the next year which will directly support National Guard readiness requirements and community development.

The Committee directs that \$4,600,000 of the funds provided under this heading be provided to the Montana Army Guard for a distance learning demonstration project that will expand access to informational, educational and governmental resources. These systems will serve as a means of delivering low cost military training to our National Guard forces and as a subsystem of the national disaster information network serving FEMA and the State disaster and emergency services. This project will provide a prototype of this type of training and integration within the National Guard and State organizations.

The Committee directs that funding for the distance learning network be spent only for expansion and continuation of the program. The Committee further directs the National Guard Bureau provide to the congressional defense committees a report on how the Department intends to allocate funding for the distance learning program in fiscal year 1999 not later than November 15, 1999.

DeBremmond Training Center.—Of the funds provided under this heading, the Committee provides an additional \$250,000 to

maintain and operate the DeBremmond Training Center in Roswell, NM.

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Appropriations, 1998	\$3,013,282,000
Budget estimate, 1999	3,093,933,000
Committee recommendation	3,113,933,000

The Committee recommends an appropriation of \$3,113,933,000. This is \$20,000,000 above the President's budget.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustments</i>
C-130 operations	10,000
Depot maintenance	10,000
<hr/>	
Total adjustments	20,000
Recommended appropriations	3,113,933

C-130 operations.—The Committee recognizes the increased demand placed on C-130 aircraft operations within the Air National Guard and has provided \$10,000,000 to address increased operations, maintenance, and supports costs. Such funds are intended to support both the C-130 aircraft assigned to operational squadrons and for full coverage of the cost of operating and maintaining those stand alone aircraft currently utilized by selected States.

OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND

Appropriations, 1998	\$1,884,000,000
Budget estimate, 1999	746,900,000
Committee recommendation	746,900,000

The Committee retains this transfer fund for ongoing contingency operations in Southwest Asia and Bosnia and fully funds the original budget request. However, given the combined factors of the administration's announced intention to reduce force levels and discussions with allies during the Committee's April trip to Southwest Asia and Bosnia, no funds have been added for ongoing contingency operations, pending further refinement of requirements.

In the fiscal year 1997 supplemental appropriations and rescissions report, the Committee directed a subdivision of the fund to delineate amounts appropriated by individual contingency operation. The Under Secretary of Defense (Comptroller) shall continue to notify the defense subcommittees 30 days in advance if the Department expects to exceed the total allotment for a given contingency and to provide quarterly reports to the defense subcommittees. These reports shall include amounts transferred and the requirements funded, in the same format as provided in supplemental and reprogramming requests.

COURT OF MILITARY APPEALS

Appropriations, 1998	\$6,952,000
Budget estimate, 1999	7,324,000
Committee recommendation	7,324,000

The Committee recommends an appropriation of \$7,324,000 for activities of the Court of Military Appeals for fiscal year 1999.

ENVIRONMENTAL RESTORATION

Total Appropriations, 1998	\$1,296,937,000
Budget estimate, 1999	1,259,431,000
Committee recommendation	1,265,431,000

The Committee recommends a total amount for environmental restoration of \$1,265,431,000. This is \$6,000,000 above the budget estimate. The Committee agrees with the reductions proposed by the Senate Armed Services Committee in the environmental accounts for a total reduction of \$24,000,000.

Total environmental remediation contracts [TERC].—The Committee directs that not more than 25 percent of funding obligated by the Corps of Engineers for environmental remediation shall be executed through existing TERC contracts.

Compliance with defense acquisition regulations.—For environmental restoration projects subject to the terms of section 52.2222 of the Defense Federal acquisition regulations [DFAR], the Committee directs that any awardee of contracts for such projects exceeding \$1,000,000 shall submit a plan for compliance with section 52.2222 of the DFAR to the appropriate contracting office not later than 90 days after contract award.

Notification of environmental contract awards.—The Committee remains concerned that the Department failed to fully accomplish the Committee's intent regarding adequate notification of the projects funded by this account. To ensure the Department complies with this direction, each military service shall notify interested State and local authorities and interested Members of Congress upon release of draft solicitations for contracts anticipated to exceed \$1,000,000. The Committee directs that this requirement shall apply to all increments of indefinite delivery indefinite quantity-type contracts which meet this threshold.

Building demolition and debris removal.—From funds available within this heading, the Committee directs the Department to conduct building demolition and debris removal for formerly used defense sites transferred to the Department of the Interior.

Streamlining acquisition of environmentally preferred products.—Pollution prevention within the Department of Defense has proven to be financially viable with both short- and long-term savings. A critical element of pollution prevention is the purchase of environmentally preferred products [EPP's] as defined by Executive Order 12873. Accordingly, the Committee urges the Department, services, and Defense Logistics Agency to develop mechanisms to identify products that meet EPP standards established by appropriate Federal agencies or nongovernmental organizations. Further, the Department of Defense should include resources toward an interagency task force to examine Federal EPP standards, policies, and methods to encourage such Federal purchases, as well as provide resources to adequately develop the Department's procurement data bases so that appropriate environmental performance and content specifications, and other environmental attributes, can be properly included.

The Committee has provided the following funding for each service:

ENVIRONMENTAL RESTORATION, ARMY

Appropriations, 1998	\$375,337,000
Budget estimate, 1999	377,640,000
Committee recommendation	370,640,000

The Committee recommends an appropriation of \$370,640,000 for fiscal year 1999. This amount is \$7,000,000 below the budget request.

ENVIRONMENTAL RESTORATION, NAVY

Appropriations, 1998	\$275,500,000
Budget estimate, 1999	281,600,000
Committee recommendation	274,600,000

The Committee recommends an appropriation of \$274,600,000 for fiscal year 1999. This amount is \$7,000,000 below the budget request.

ENVIRONMENTAL RESTORATION, AIR FORCE

Appropriations, 1998	\$376,900,000
Budget estimate, 1999	379,100,000
Committee recommendation	372,100,000

The Committee recommends an appropriation of \$372,100,000 for fiscal year 1999. This amount is \$7,000,000 below the budget request.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Appropriations, 1998	\$26,900,000
Budget estimate, 1999	26,091,000
Committee recommendation	23,091,000

The Committee recommends an appropriation of \$23,091,000 for fiscal year 1999. This amount is \$3,000,000 below the budget request.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

Appropriations, 1998	\$242,300,000
Budget estimate, 1999	195,000,000
Committee recommendation	225,000,000

The Committee recommends an appropriation of \$225,000,000 for fiscal year 1999. This amount is \$30,000,000 above the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Reduce backlog	30,000
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Total adjustments	30,000
Recommended appropriation	225,000

Formerly used defense sites [FUDS].—The Committee commends the Army and the Corps of Engineers for their management of this program and provides an additional \$30,000,000 to reduce the number of FUDS requiring investigation and remediation.

Building demolition and debris removal in Alaska.—From funds available under this heading, the Department of Defense may perform removals of military buildings and debris located on formerly used defense sites [FUDS] on native-owned land, State land, or land owned, or managed by the United States. To minimize mobilization costs at such sites, building demolition and debris removal will be funded along with the removal of other hazardous materials at such sites and shall be given the same funding priority as the hazardous materials projects as that site.

FORMER SOVIET UNION THREAT REDUCTION

Appropriations, 1998	\$382,200,000
Budget estimate, 1999	442,400,000
Committee recommendation	440,400,000

The Committee appropriates \$440,400,000, the authorized level, for this program.

Russian nuclear submarine dismantlement and disposal.—The Committee directs that \$35,000,000 of the funds provided for the Former Soviet Union Threat Reduction Program be used to support Russian nuclear submarine dismantlement and disposal activities begun in fiscal year 1998. The Committee further directs that a status report regarding this program be provided to the Committee not later than February 15, 1999.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

Appropriations, 1998	\$47,130,000
Budget estimate, 1999	63,311,000
Committee recommendation	50,000,000

The Committee appropriates \$50,000,000, the authorized level, for the Overseas Humanitarian, Disaster, and Civic Aid Program [OHDCA]. The Committee directs that none of the reduction should be taken against the Department's demining efforts. Of the funds provided for OHDCA, the Department may expend up to \$1,000,000 for telemedicine efforts associated with rehabilitation of victims of landmines.

TITLE III
PROCUREMENT

ESTIMATES AND APPROPRIATION SUMMARY

The President's Department of Defense fiscal year 1999 title III procurement budget request totals \$47,849,546,000. This request is \$2,202,331,000 or 4.8 percent above the amounts Congress appropriated in fiscal year 1998 for procurement activities.

Title III of the accompanying bill recommends a total of \$48,568,838,000 in new budget authority. The total amount recommended is an increase of \$719,292,000 to the fiscal year 1999 budget request. The following table summarizes the procurement budget estimates, the Committee recommendations, and a comparison.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Aircraft procurement, Army	1,325,943	1,408,652	+ 82,709
Missile procurement, Army	1,205,768	1,188,739	- 17,029
Procurement of weapons and tracked combat vehicles, Army	1,433,608	1,484,055	+ 50,447
Procurement of ammunition, Army	1,008,855	998,655	- 10,200
Other procurement, Army	3,198,811	3,395,729	+ 196,918
Subtotal, Army	8,172,985	8,475,830	+ 302,845
Aircraft procurement, Navy	7,466,734	7,473,403	+ 6,669
Weapons procurement, Navy	1,327,545	1,324,045	- 3,500
Procurement of ammunition, Navy and Marine Corps	429,539	480,739	+ 51,200
Shipbuilding and conversion, Navy	6,252,672	6,067,272	- 185,400
Other procurement, Navy	3,937,737	3,886,475	- 51,262
Procurement, Marine Corps	745,858	954,177	+ 208,319
Subtotal, Navy	20,160,085	20,186,111	+ 26,026
Aircraft procurement, Air Force	7,756,475	7,967,023	+ 210,548
Missile procurement, Air Force	2,359,803	2,219,299	- 140,504
Procurement of Ammunition, Air Force	384,161	384,161	.....
Other procurement, Air Force	6,974,387	6,904,164	- 70,223
Subtotal, Air Force	17,474,826	17,474,647	- 179
Procurement, Defense-wide	2,041,650	1,932,250	- 109,400
National Guard and Reserve equipment .....	.....	500,000	+ 500,000
Total, procurement	47,849,546	48,568,838	+ 719,292

ITEMS OF SPECIAL INTEREST
COMMITTEE RECOMMENDATIONS

The Committee has reflected a number of its funding adjustments in a table format. The Committee directs that the funding increases outlined in the tables which follow shall be provided only for the specific purposes outlined in the table entry.

PROCUREMENT OF PRODUCT IMPROVEMENTS

A number of programs are currently procuring baseline system designs as an interim measure before transitioning preplanned product improvements into the systems. The Defense Department will likely relegate these baseline systems to a backup role once improved systems are available. Further, this approach establishes a production base with its associated fixed costs and minimum economic procurement quantities.

The Committee believes that neither the current threat environment nor the urgency of schedule milestones justify this acquisition strategy. Indeed, the current outlook for defense spending demands that the Defense Department procure only those systems which will be our first line of defense in a crisis. For example, given the current armor threat, the Committee cannot support a schedule driven procurement of the brilliant antiarmor tank [BAT] munition, the sense and destroy munition [SADARM], the sensor fuzed weapon [SFW], and the wide area mine [WAM].

The Committee believes that it is far more prudent to develop the near-term product improvements and to procure the objective system rather than a baseline capability. Thus, the Committee has proposed reductions to the procurement request for a number of programs, in order to limit procurement of baseline systems. The Committee has also provided increases in some cases to fully fund or accelerate the development of product improvements. In many cases, these product improvements add capability, enhance lethality, simplify manufacturing, and reduce operations and maintenance costs. The Committee endorses this more measured approach to acquisition, an approach which maintains a focus on both our long-term defense needs and our limited procurement resources. Within a disciplined procurement process, this does not have to mean that we always develop and never buy. It does mean that we can develop and procure the right system, and dispense with schedule driven procurement.

VEHICLE LEASES

The Committee recommends several provisions which require the services to lease commercial vehicles, such as sedans, buses, ambulances, compact trucks, and utility vehicles, from funds made available in procurement appropriations. This action allows the services to exploit the competitive commercial leasing market, reduce base motor pool personnel and overhead, and plan for infrastructure reductions. The budget request for procurement of vehicles in the other procurement, Navy, Army, and Air Force, and procurement, Marine Corps and Defense-wide appropriations has been adjusted

and the Committee has established a vehicle lease line in these same appropriations.

ARMORED SEDANS

The Committee is concerned with the Department of Defense's procurement of armored sedans. The Committee has adjusted the budget request for the individual services, and recommends that these vehicles be purchased or leased from within the "Procurement, Defense-wide" appropriation.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 1998	\$1,346,317,000
Budget estimate, 1999	1,325,943,000
Committee recommendation	1,408,652,000

The Committee recommends \$1,408,652,000, an increase of \$82,709,000 to the budget. This appropriation finances the acquisition of tactical and utility helicopters and airplanes, including associated electronics, communications equipment, and armament; modification and modernization of inservice aircraft; flight simulators; ground support equipment; production base support; and components and spare parts including transmissions and gearboxes.

COMMITTEE RECOMMENDED PROGRAM

The Committee recommendation adds funds to increase procurement of utility helicopters, to continue multiyear procurement of heavy attack helicopter upgrades, and to upgrade cargo helicopters.

The allowance also adjusts funding for programs as listed in the following tables and as discussed in the text which follows.

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
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AIRCRAFT PROCUREMENT, ARMY						
AIRCRAFT:						
FIXED WING:						
ARL (TIARA)		13,133		13,133		
C-XX (MEDIUM RANGE) AIRCRAFT	6		30,000		+ 6	+ 30,000
GUARDRAIL COMMON SENSOR (TIARA)		1,931		1,931		
ROTARY:						
UH-60 BLACKHAWK (MYP)	22	218,820	30	292,765	+ 8	+ 73,945
UH-60 BLACKHAWK (MYP) (AP-CY)						
TOTAL, AIRCRAFT		233,884		337,829		+ 103,945
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MODIFICATION OF AIRCRAFT:						
GUARDRAIL MODS (TIARA)		36,079		36,079		
AH1F MODS		512		512		
AH-64 MODS		52,902		54,402		+ 1,500
CH-47 CARGO HELICOPTER MODS (MYP)		101,176		73,876		- 27,300
C-12 CARGO AIRPLANE MODS		2,658		8,658		+ 6,000
OH-58 MODS		90		90		
C-20 AIRCRAFT MODS		799		799		
LONGBOW		570,096		570,096		
LONGBOW (AP-CY)		41,683		41,683		
UH-1 MODS		3,789		3,789		
UH-60 MODS		21,657		21,657		
KIOWA WARRIOR		40,446		52,646		+ 12,200

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
EH-60 QUICKFIX MODS		3,015				- 3,015
AIRBORNE AVIONICS		56,335		56,335		
ASE MODS		2,743		2,743		
MODIFICATIONS LESS THAN \$2.0M		1,660		1,660		
TOTAL, MODIFICATION OF AIRCRAFT		935,640		925,025		- 10,615
SPARES AND REPAIR PARTS		36,047		36,047		
SUPPORT EQUIPMENT AND FACILITIES:						
GROUND SUPPORT AVIONICS: AIRCRAFT SURVIVABILITY EQUIPMENT		5,144		18,944		+ 13,800
OTHER SUPPORT: AIRBORNE COMMAND & CONTROL		24,421				- 24,421
AVIONICS SUPPORT EQUIPMENT		2,555		2,555		
TRAINING DEVICES						
COMMON GROUND EQUIPMENT		30,107		30,107		
AIRCREW INTEGRATED SYSTEMS		9,050		9,050		
AIR TRAFFIC CONTROL		5,691		5,691		
INDUSTRIAL FACILITIES		1,493		1,493		
AIRBORNE COMMUNICATIONS		41,911		41,911		
TOTAL, SUPPORT EQUIPMENT AND FACILITIES		120,372		109,751		- 10,621
ECONOMIC ASSUMPTIONS						
TOTAL, AIRCRAFT PROCUREMENT, ARMY		1,325,943		1,408,652		+ 82,709

COMMITTEE RECOMMENDED ADJUSTMENTS

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements based on delays in the release of prior-year funds; late award of contract efforts; slow execution of prior-year funds; or differences between the budget request and the actual program plans.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
CH-47 cargo helicopter mods [MYP]	101,176	73,876	- 27,300
Engine Upgrade Program delays		- 27,300	- 27,300

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification; or can be deferred without adversely affecting program activities.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
EH-60 quickfix mods	3,015	.....	- 3,015
Program reduction for testing delays .....	.....	- 3,015	- 3,015
Airborne command and control	24,421	.....	- 24,421
Army airborne command and control system [A ² C ² S] program delays .....	.....	- 24,421	- 24,421

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Army to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Army.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
AH-64 mods	52,902	54,402	+ 1,500
AH-64 T701C engine upgrade .....	.....	1,500	+ 1,500
Kiowa warrior	40,446	52,646	+ 12,200
Crew station mission equipment trainer [CSMET] .....	.....	2,600	+ 2,600
OH-58D system safety enhancement .....	.....	9,600	+ 9,600
Aircraft survivability equipment	5,144	18,944	+ 13,800
Aircraft survivability equipment trainer [ASET IV] .....	.....	13,800	+ 13,800

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
C-XX (medium range) aircraft .....	.....	30,000	+ 30,000
Six additional aircraft ¹ .....	.....	30,000	+ 30,000
UH-60 Blackhawk [MYP] less AP	218,820	292,765	+ 73,945
Eight additional Blackhawks .....	.....	78,500	+ 78,500
Engineering change orders ² .....	.....	- 4,555	- 4,555
C-12 cargo airplane mods	2,658	8,658	+ 6,000
C-12 avionics modernization .....	.....	6,000	+ 6,000

¹ Portion of the increase reflects Committee recommendations as outlined in the "Program and project increases" heading of this report section.

² Program reduction recommended as described under the heading "Program reductions and deferrals."

UH-60Q MEDEVAC helicopter.—The UH-60Q is the No. 1 near-term medical modernization program for the Army. Yet, the Army's funding strategy for this program does not begin until fiscal year 2002. The Committee expects the Army to accelerate this program and should begin funding this program in fiscal year 2000. The Secretary of the Army is directed to submit an acquisition strategy

plan for the UH-60Q program to the Committee not later than January 15, 1999.

MISSILE PROCUREMENT, ARMY

Appropriations, 1998	\$762,409,000
Budget estimate, 1999	1,205,768,000
Committee recommendation	1,188,739,000

The Committee recommends an appropriation of \$1,188,739,000 for the Army's fiscal year 1999 "Missile procurement" account. The Committee's recommended funding level is \$17,029,000 below the budget request.

This appropriation finances the procurement, production, modification, and modernization of missiles, equipment, including ordinance, ground handling equipment, spare parts, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior to approval title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government- and contractor-owned equipment layaway; and other expenses.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the President's budget:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MISSILE PROCUREMENT, ARMY						
OTHER MISSILES:						
SURFACE-TO-AIR MISSILE SYSTEM:						
ENHANCED FIBER OPTIC GUIDED MISSILE (EFOGM)	96	13,716			-96	-13,716
AVENGER SYSTEM SUMMARY	18	35,269	18	35,269		
AIR-TO-SURFACE MISSILE SYSTEM:						
HELLFIRE SYS SUMMARY	2,000	360,625	2,000	360,625		
ANTI-TANK/ASSAULT MISSILE SYSTEM:						
JAVELIN (AAWS-M) SYSTEM SUMMARY	3,316	319,988	3,316	349,988		+30,000
TOW 2 SYSTEM SUMMARY						
MLRS ROCKET	522	16,513	522			-16,513
MLRS LAUNCHER SYSTEMS	24	85,387	24	143,787		+58,400
ARMY TACTICAL MSL SYS (ATACMS)—SYS SUM	96	90,585	96	90,585		
ATACMS/BAT	30	49,083	30	24,083		-25,000
BAT	420	100,425	420	50,225		-50,200
TOTAL, OTHER MISSILES		1,071,591		1,054,562		-17,029
MODIFICATION OF MISSILES:						
MODIFICATIONS:						
PATRIOT MODS		15,259		15,259		
STINGER MODS		13,924		13,924		
AVENGER MODS		8,425		8,425		
ITAS/TOW MODS		62,478		62,478		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MLRS MODS		2,193		2,193		
TOTAL, MODIFICATION OF MISSILES		102,279		102,279		
SPARES AND REPAIR PARTS		23,718		23,718		
SUPPORT EQUIPMENT AND FACILITIES:						
AIR DEFENSE TARGETS		2,534		2,534		
ITEMS LESS THAN \$2.0M (MISSILES)		922		922		
MISSILE DEMILITARIZATION		1,466		1,466		
PRODUCTION BASE SUPPORT		3,258		3,258		
TOTAL, SUPPORT EQUIPMENT AND FACILITIES		8,180		8,180		
ECONOMIC ASSUMPTIONS						
TOTAL, MISSILE PROCUREMENT, ARMY		1,205,768		1,188,739		- 17,029

COMMITTEE RECOMMENDED ADJUSTMENTS

Program and project funding increases.—The Committee recommends the addition of funds for the following programs to reflect congressional priorities and to implement increases endorsed and/or requested by the Army to address budget shortfalls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Javelin [AAWS—M] system summary	319,988	349,988	+ 30,000
MLRS launcher systems	85,387	143,787	+ 58,400

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are excess to firm program requirements based on delays in the release of prior-year funds; late contract efforts; slow execution of prior-year funds; differences between the budget request and the actual program plans; or are lower priority relative to other programs.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
ATACMS/BAT	49,083	24,083	- 25,000
BAT	100,425	50,225	- 50,200

Army tactical missile system [ATACMS] BAT/BAT submunition.—Consistent with the observations outlined in the title III overview section of this report, the Committee recommends reductions to slow the initial rate production of the ATACMS BAT and the BAT submunition.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Enhanced fiber optic guided missile [EFOGM]	13,716	.....	- 13,716
MLRS rocket	16,513	.....	- 16,513

MLRS rockets.—The Committee understands that the Army projects significant foreign military sales for MLRS rockets. Should these sales fall short of projections, the Committee directs the Army to reprogram sufficient funds to keep the production line warm, maintain the equipment required for the guided MLRS production, and ensure that the capability to produce ER-MLRS rockets remains as a war contingency.

MLRS launchers.—The Committee has included \$50,000,000 above the budget request to procure additional MLRS launchers for the National Guard. The Committee has also included an additional \$8,400,000 to procure commercial off-the-shelf technology [COTS] to implement the joint technical architecture-Army [JTA-Army] as the new M270A1 launcher is fielded. The Committee has been informed that if these funds are not provided in fiscal year 1999, JTA-Army will have to be retrofitted into the launchers in the future at greater expense.

Javelin.—The Committee recommends an additional \$30,000,000 for Javelin. The Committee expects the additional missiles purchased will be provided to crisis response forces stationed in the Pacific.

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 1998	\$1,298,707,000
Budget estimate, 1999	1,433,608,000
Committee recommendation	1,484,055,000

The Committee recommends an appropriation of \$1,484,055,000 for the Army's fiscal year 1999 "Procurement of weapons and tracked combat vehicles" account. The Committee recommendation is \$50,447,000 above the President's budget request.

This appropriation provides for the procurement of tanks, armored personnel carriers, and combat engineer vehicles. Funds are also provided for the acquisition of crew-served weapons, grenade launchers, towed and self-propelled guns and howitzers, mortars, laser rangefinders, associated training equipment, modification of inservice equipment, initial spares and repair parts, major components, and production base support.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT OF W&TCV, ARMY						
TRACKED COMBAT VEHICLES:						
ABRAMS TRNG DEV MOD		8,536		8,536		
BRADLEY BASE SUSTAINMENT		285,844		283,844		- 2,000
BRADLEY FVS TRAINING DEVICES		12,728		12,728		
HAB TRAINING DEVICES		386		386		
BRADLEY FVS TRAINING DEVICES (MOD)		2,075		2,075		
FIELD ARTILLERY AMMUNITION SUPPORT VEH						
ABRAMS TANK TRAINING DEVICES		13,411		13,411		
COMMAND & CONTROL VEHICLE	10	44,241	10	44,241		
MODIFICATION OF TRACKED COMBAT VEHICLES:						
CARRIER, MOD		54,454		54,454		
FIST VEHICLE (MOD)		20,720		20,720		
BFVS SERIES (MOD)		58,998		78,998		+ 20,000
HOWITZER, MED SP FT 155MM M109A6 (MOD) ..		11,339		11,339		
FAASV PIP TO FLEET		3,157		3,157		
IMPROVED RECOVERY VEHICLE (M88 MOD)		38,175		55,075		+ 16,900
HEAVY ASSAULT BRIDGE (HAB) SYS (MOD)		50,401		43,748		- 6,653
ARMORED VEH LAUNCH BRIDGE (AVLB) (MOD) ..		969		969		
M1 ABRAMS TANK (MOD)		53,301		46,601		- 6,700
ABRAMS UPGRADE PROGRAM		412,661		408,061		- 4,600
ABRAMS UPGRADE PROGRAM (AP-CY)		262,942		262,942		
MODIFICATIONS LESS THAN \$2.0M (TCV-WTCV) ..						
SUPPORT EQUIPMENT AND FACILITIES:						
ITEMS LESS THAN \$2.0M (TCV-WTCV)		132		132		
PRODUCTION BASE SUPPORT (TCV-WTCV)		8,861		8,861		
TOTAL, TRACKED COMBAT VEHICLES		1,343,331		1,360,278		+ 16,947
WEAPONS AND OTHER COMBAT VEHICLES:						
ARMOR MACHINE GUN, 7.62MM M240 SERIES	673	6,496	673	12,996		+ 6,500
MACHINE GUN, 5.56MM (SAW)	1,525	4,494	1,525	4,494		
GRENADE LAUNCHER, AUTO, 40MM, MK19-3	697	12,191	697	15,191		+ 3,000
M16 RIFLE	16,067	6,829	16,067	6,829		
5.56 CARBINE M4	6,310	4,230	6,310	4,230		
MODIFICATION OF WEAPONS AND OTHER COMBAT VEHI:						
M4 CARBINE MODS		5,149		5,149		
M119 MODIFICATIONS		4,812		4,812		
M16 RIFLE MODS		6,241		5,241		- 1,000
MODIFICATIONS LESS THAN \$2.0M (WOCV- WTCV)		1,128		1,128		
SUPPORT EQUIPMENT AND FACILITIES:						
ITEMS LESS THAN \$2.0M (WOCV-WTCV)		1,164		1,164		
PRODUCTION BASE SUPPORT (WOCV-WTCV)		5,140		5,140		
INDUSTRIAL PREPAREDNESS		3,959		3,959		
SMALL ARMS (SOLDIER ENH PROG)		5,233		5,233		
TOTAL, WEAPONS AND OTHER COMBAT VEHI- CLES		67,066		75,566		+ 8,500
SPARE AND REPAIR PARTS:						
SPARES AND REPAIR PARTS (WTCV)		23,211		23,211		
DIRECT SUPPORT ELECTRICAL TEST SETS (DSETS)				25,000		+ 25,000
ECONOMIC ASSUMPTIONS						
TOTAL, PROCUREMENT OF W&TCV, ARMY		1,433,608		1,484,055		+ 50,447

COMMITTEE RECOMMENDED ADJUSTMENTS

Program and project funding adjustments.—The Committee recommends the following adjustments to reflect congressional priorities; to implement increases endorsed and/or requested by the Army to address budget shortfalls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Bradley base sustainment	285,844	283,844	− 2,000
BFVS series (mod) armor tiles	58,998	78,998	+ 20,000
M-1 Abrams tank (mod)	53,301	46,601	− 6,700
Abrams upgrade program less AP	412,661	408,061	− 4,600
M-16 rifle mods	6,241	5,241	− 1,000
DSETS		25,000	+ 25,000
Heavy assault bridge	50,401	43,748	− 6,653

Bradley fighting vehicles.—The Army's budget request includes \$58,998,000 for the modification of Bradley fighting vehicles. The Committee recommends providing \$78,998,000, an increase of \$20,000,000 only for the procurement of armor tiles. The Committee recommends a reduction of \$2,000,000 for software delays.

M-1 Abrams tank modification.—The Army's budget request contained \$20,300,000 for the procurement of M-1A1-D integration kits. Due to program savings, the Army was able to begin this procurement in fiscal year 1998, and the Committee recommends a decrease of \$6,700,000. An additional decrease of \$4,600,000 to the Abrams Upgrade Program is recommended in technical, engineering support, gun and gun mount overhead rates, and software turn-over costs.

Direct support electrical test sets [DSETS].—The Committee recommends an increase of \$25,000,000 only for the procurement of DSETS and field test program sets [TPS]. The Committee recommends \$5,000,000 for the Abrams Upgrade Program, \$5,000,000 only for the procurement of TPS's for the Bradley fire integration support team vehicle, \$5,000,000 for TPS's for the Bradley command and control vehicle, \$5,000,000 for Bradley legacy fleet vehicle diagnostics, and \$5,000,000 for TPS's for the Bradley linebacker Stinger missile subsystem.

M-88A2 improved recovery vehicle.—The M-88A2 IRV is now being fielded to Army armor units to alleviate significant safety problems in recovery operations of M-1 tanks. The Committee strongly supports this program and understands that traction problems previously identified have now been resolved. The Army should continue this important program at an economic production rate of at least 24 vehicles per year until the service has achieved its inventory requirement for tank recovery vehicles.

Heavy assault bridge.—The Committee recommends a decrease of \$6,653,000 based on contract savings.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Grenade launcher MK-19-3	12,191	15,191	+ 3,000
Armor machine gun, 7.62 mm M240 series	6,496	12,996	+ 6,500

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 1998	\$1,037,202,000
Budget estimate, 1999	1,008,855,000
Committee recommendation	998,655,000

The Committee recommends an appropriation of \$998,655,000 for Army ammunition for fiscal year 1999. This is \$10,200,000 below the President's budget request.

This appropriation finances the acquisition of ammunition for training and war reserve stocks, modernization and maintenance of equipment and facilities (including construction), and maintenance of inactive ammunition facilities.

COMMITTEE RECOMMENDED PROGRAMS

The following table details the Committee recommendation in comparison with the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT OF AMMUNITION, ARMY						
AMMUNITION:						
SMALL/MEDIUM CAL AMMUNITION:						
CTG, 5.56MM, ALL TYPES		91,620		77,620		- 14,000
CTG 5.56MM ARMOR PIERCING M995	1,314	1,926	1,314	1,926		
CTG, 7.62MM, ALL TYPES		10,463		7,263		- 3,200
CTG 7.62MM ARMOR PIERCING XM993	922	1,926	922	1,926		
CTG, 9MM, ALL TYPES		1,907		1,907		
CTG, .45 CAL, ALL TYPES		2		2		
CTG, .50 CAL, ALL TYPES		18,544		18,544		
CTG CAL .50 API MK211 MOD 0						
CTG, 25MM, ALL TYPES		59,618		71,618		+ 12,000
CTG, 30MM, ALL TYPES		9,061		9,061		
CTG, 40MM, ALL TYPES		35,618		35,618		
MORTAR AMMUNITION:						
CTG MORTAR 60MM SMOKE WP M722		375		375		
CTG MORTAR 60MM HE M720/M720A1 W/ M734 FUZE	47	20,528	47	20,528		
CTG 81MM INFRARED (IR) ILLUM XM816	10	9,366	10	9,366		
CTG MORTAR 120MM FULL RANGE PRACTICE M931	97	39,703	97	39,703		
CTG MORTAR 120MM HE M934 W/MO FUZE ...	33	29,087	33	29,087		
CTG MORTAR 120MM ILLUM XM930 W/MTSQ FZ						
TANK AMMUNITION:						
CTG 120MM APFSDS-T M829A2/M829E3	2	9,732	2	9,732		
CTG 120MM HEAT-MP-T M830A1				15,000		+ 15,000
CTG TANK 120MM TP-T M831/M831A1	105	60,386	105	60,386		
CTG TANK 120MM TPCSDS-T M865	240	129,914	240	129,914		
ARTILLERY AMMUNITION:						
CTG ARTY 75MM BLANK M337A1	34	1,566	34	1,566		
CTG ARTY 105MM DPICM XM915						

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
CTG ARTY 105MM HERA M913		532		532		
PROJ ARTY 155MM SMOKE WP M825						
PROJ ARTY 155MM HE M795						
PROJ ARTY 155MM SADARM M898	550	56,542	550	31,542		-25,000
PROJ ARTY 155MM HE M107	124	25,650	124	25,650		
ARTILLERY FUZES:						
FUZE ARTY ELEC TIME M767				5,000		+5,000
FUZE MULTI OPTION	2	1,514	2	1,514		
MINES:						
MINE, TRAINING, ALL TYPES		973		973		
MINE AT M87 (VOLCANO)				15,000		+15,000
WIDE AREA MUNITIONS	65	9,625	65	9,625		
ROCKETS:						
BUNKER DEFEATING MUNITION (BDM)						
ROCKET, HYDRA 70, ALL TYPES		126,055		126,055		
OTHER AMMUNITION:						
DEMOLITION MUNITIONS, ALL TYPES		8,800		8,800		
GRENADES, ALL TYPES		21,382		21,382		
SIGNALS, ALL TYPES		12,985		12,985		
SIMULATORS, ALL TYPES		4,651		4,651		
MISCELLANEOUS:						
AMMO COMPONENTS, ALL TYPES		7,241		7,241		
CAD/PAD ALL TYPES		2,320		2,320		
ITEMS LESS THAN \$2 MILLION		1,009		1,009		
AMMUNITION PECULIAR EQUIPMENT		10,368		10,368		
FIRST DESTINATION TRANSPORTATION (AMMO)		6,174		6,174		
TOTAL, AMMUNITION		827,163		831,963		+4,800
AMMUNITION PRODUCTION BASE SUPPORT:						
PRODUCTION BASE SUPPORT:						
PROVISION OF INDUSTRIAL FACILITIES		47,660		47,660		
LAYAWAY OF INDUSTRIAL FACILITIES		15,362		15,362		
MAINTENANCE OF INACTIVE FACILITIES		15,826		15,826		
CONVENTIONAL AMMO DEMILITARIZATION		97,983		82,983		-15,000
ARMS INITIATIVE		4,861		4,861		
TOTAL, AMMUNITION PRODUCTION BASE SUPPORT		181,692		166,692		-15,000
ECONOMIC ASSUMPTIONS						
TOTAL, PROCUREMENT OF AMMUNITION, ARMY ...		1,008,855		998,655		-10,200

COMMITTEE RECOMMENDED ADJUSTMENTS

Sense and destroy armor [SADARM].—The Army's budget request contained \$56,542,000 for the procurement of basic SADARM. According to the Army, the product improved [PI] SADARM provides a 30-percent increase in effectiveness over basic SADARM. The Committee supports the development of PI SADARM, and recommends a decrease in basic SADARM of \$25,000,000, and expects the Army to procure not less than 300 SADARM projectiles in 1999.

Program and project funding adjustments.—The Committee recommends the adjustments for the following programs to reflect congressional priorities; to implement increases endorsed and/or requested by the Army to address budget shortfalls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Conventional ammunition demilitarization	97,983	- 15,000	82,983
Ctg, 5.56 mm, all types	91,620	77,620	- 14,000
Ctg, 7.62 mm, all types	10,463	7,263	- 3,200
Ctg, 25 mm, all types	59,618	71,618	+ 12,000
Proj arty 155 mm SADARM M89	56,542	31,542	- 25,000
Fuze arty elec time M767		5,000	+ 5,000
Mine M87A1 (Volcano)		15,000	+ 15,000

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustment to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Cartridge—tank 120 mm heat M830-A1		15,000	+ 15,000

OTHER PROCUREMENT, ARMY

Appropriations, 1998	\$2,679,130,000
Budget estimate, 1999	3,198,811,000
Committee recommendation	3,395,729,000

The Committee recommends an appropriation of \$3,395,729,000 for the Army's fiscal year 1999 "Other procurement" account, \$196,918,000 above the budget request.

This appropriation finances the acquisition and lease of: tactical and commercial vehicles including trucks, semitrailers, and trailers of all types to provide mobility to field forces and the Army logistical system; communications and electronics equipment of all types to provide fixed, semifixed, and mobile strategic and tactical communications equipment; and other support equipment such as chemical defensive equipment, tactical bridging equipment, maintenance shop sets, construction equipment, floating and rail equipment, generators and power units, material-handling equipment, medical support equipment, special equipment for user testing, and training devices that are not specific to a particular weapon system. In each of these activities, funds are also included for modification of inservice equipment, spares and repair parts, and production base support.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OTHER PROCUREMENT, ARMY						
TACTICAL AND SUPPORT VEHICLES:						
TACTICAL VEHICLES:						
TACTICAL TRAILERS/DOLLY SETS		11,948		19,448		+ 7,500
SEMITRAILER FB BB/CONT TRANS 22 1/2 T ..	97	2,625	97	2,625		
SEMITRAILER LB 40T M870A1 (CCE)	23	2,917	23	2,917		
SEMITRAILER, TANK, 5000G	32	3,865	32	3,865		
SEMITRAILER, TANK, 7500G, BULKHAUL	86	4,212	86	4,212		
SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129A2C	71	6,401	71	6,401		
HI MOB MULTI-PURP WHLD VEH (HMMWV) ...	110	12,144	110	77,844		+ 65,700
FAMILY OF MEDIUM TACTICAL VEH (FMTV) ...	2,038	332,044	2,038	382,044		+ 50,000
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)		189,617		189,617		
ARMORED SECURITY VEHICLES (ASV)						
TRUCK, TRACTOR, LINE HAUL, M915/M916 ..	440	59,503	440	59,503		
TRUCK, TRACTOR, YARD TYPE, M878 (C/S) ..	57	4,852	57	4,852		
MEDIUM TRUCK EXTENDED SVC PGM (ESP) ..	1,085	37,247	1,085	63,647		+ 26,400
LINE HAUL ESP	62	4,883	62	4,883		
HMMWV ESP	387	24,832	387			- 24,832
MODIFICATION OF IN SVC EQUIP		13,306		13,306		
ITEMS LESS THAN \$2.0M (TAC VEH)		186		186		
NON-TACTICAL VEHICLES:						
HEAVY ARMORED SEDAN	54	5,956			- 54	- 5,956
PASSENGER CARRYING VEHICLES	37	867			- 37	- 867
GENERAL PURPOSE VEHICLES		1,059				- 1,059
SPECIAL PURPOSE VEHICLES		1,060		1,060		
SUPPORT EQUIPMENT AND FACILITIES:						
SYSTEM FIELDING SUPPORT PEO		311		311		
PROJECT MANAGEMENT SUPPORT		2,437		1,437		- 1,000
SYSTEM FIELDING SUPPORT (TACOM)		4,166		3,166		- 1,000
TOTAL, TACTICAL AND SUPPORT VE- HICLES		726,438		841,324		+ 114,886
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
COMM—JOINT COMMUNICATIONS:						
COMBAT IDENTIFICATION PROGRAM		4,890		4,890		
JCSE EQUIPMENT (USREDCOM)		3,148		3,148		
COMM—SATELLITE COMMUNICATIONS:						
DEFENSE SATELLITE COMMUNICATIONS SYS-						
TEM (SPAC)		94,616		94,616		
SHF TERM		25,328		25,328		
SAT TERM, EMUT (SPACE)		2,485		2,485		
NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE)	14	6,866	14	6,866		
GROUND COMMAND POST						
SMART-T (SPACE)		57,743		57,743		
SCAMP (SPACE)		4,708		4,708		
GLOBAL BRDCST SVC—GBS		5,873		5,873		
MOD OF IN-SVC EQUIP (TAC SAT)		1,474		1,474		
COMM—C ³ SYSTEM: ARMY GLOBAL CMD & CON- TROL SYS (AGCCS)		20,562		20,562		
COMM—COMBAT COMMUNICATIONS:						
ARMY DATA DISTRIBUTION SYSTEM (ADDS) ..		24,048		52,048		+ 28,000
SINGGARS FAMILY		13,212		63,212		+ 50,000
JOINT TACTICAL AREA COMMS SYS		9,925		9,925		
ACUS MOD PROGRAM (WIN-T/T)		97,080		132,080		+ 35,000
C-E CONTINGENCY/FIELDING EQUIP		2,166		2,166		
SOLDIER ENHANCEMENT PROGRAM COMM/ ELECTRONICS		4,593		4,593		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
COMBAT SURVIVOR EVADER LOCATOR (CSEL)		13,712		13,712		
MEDICAL COMM FOR CBT CASUALTY CARE (MC ⁴)		9,440		9,440		
COMM—INTELLIGENCE COMM: CI AUTOMATION ARCHITECTURE		2,319		2,319		
INFORMATION SECURITY:						
TSEC—ARMY KEY MGT SYS (AKMS)		10,315		10,315		
INFORMATION SYSTEM SECURITY PROGRAM—ISSP		29,714		33,714		+ 4,000
COMM—LONG HAUL COMMUNICATIONS:						
TERRESTRIAL TRANSMISSION		1,953		1,953		
BASE SUPPORT COMMUNICATIONS		1,124		1,124		
ARMY DISN ROUTER		3,614		3,614		
ELECTROMAG COMP PROG (EMCP)		452		452		
WW TECH CON IMP PROG (WWTCIP)		2,031		2,031		
COMM—BASE COMMUNICATIONS:						
INFORMATION SYSTEMS		91,213		122,213		+ 31,000
DEFENSE MESSAGE SYSTEM (DMS)		16,723		16,723		
LOCAL AREA NETWORK (LAN)		9,978		9,978		
PENTAGON INFORMATION MGT AND TELECOM		39,195		39,195		
ELECT EQUIP—NAT FOR INT PROG (NFIP):						
FOREIGN COUNTERINTELLIGENCE PROG (FCI)		876		876		
GENERAL DEFENSE INTELL PROG (GDIP)		21,562		21,562		
ITEMS LESS THAN \$2.0M (INTEL SPT)—TIARA						
ELECT EQUIP—TACT INT REL ACT (TIARA):						
ALL SOURCE ANALYSIS SYS (ASAS) (TIARA) ..		24,117		24,117		
JTT/CIBS—M (TIARA)	56	5,340	56	5,340		
IEW—GND BASE COMMON SENSORS (TIARA)		25,388				- 25,388
JOINT STARS (ARMY) (TIARA)		87,229		87,229		
NATO—AGS						
INTEGRATED BROADCAST TERMINAL MODS (TIARA)		6,487		6,487		
DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (TIARA)	12	21,230	12	21,230		
TACTICAL EXPLOITATION OF NATIONAL CAPABILITY		1,690		1,690		
JOINT TACTICAL GROUND STATION MODS		2,638		2,638		
TROJAN (TIARA)		3,991		3,991		
MOD OF IN-SVC EQUIP (INTEL SPT) (TIARA) ..		4,891		4,891		
CI HUMINT AUTOMATED TOOL SET (CHATS) (TIARA)		3,700		3,700		
ITEMS LESS THAN \$2.0M (TIARA)		530		2,530		+ 2,000
ELECT EQUIP—ELECTRONIC WARFARE (EW):						
SHORTSTOP						
COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES		1,725		1,725		
ELECT EQUIP—TACTICAL SURV. (TAC SURV):						
SENTINEL (FAAD GBS)	23	58,247	23	58,247		
TARGET LOCATION OBSERVATION SYSTEM (TLOS)	238	11,787	238	11,787		
NIGHT VISION DEVICES		29,636		53,136		+ 23,500
LWTV VIDEO RECON SYSTEM (LWVRS)	110	3,364	110	9,364		+ 6,000
NIGHT VISION, THERMAL WPN SIGHT	1,522	36,110	1,522	36,110		
ARTILLERY ACCURACY EQUIP		11,004		11,004		
MOD OF IN-SVC EQUIP (TAC SURV)		5,477		5,477		
INTEGRATED MET SYS SENSORS (IMETS)—TIARA	5	4,890	5	4,890		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ELECT EQUIP—TACTICAL C ² SYSTEMS:						
TACTICAL OPERATIONS CENTERS		26,703		26,703		
ADV FIELD ARTILLERY TACT DATA SYS (AFATDS)	212	36,671	212	36,671		
FIRE SUPPORT ADA CONVERSION						
CMBT SVC SUPT CONTROL SYS (CSSCS)	122	9,332	122	9,332		
FAAD C ²	2	14,204	2	14,204		
FORWARD ENTRY DEVICE (FED)		25,040		25,040		
STRIKER-COMMAND AND CONTROL SYS- TEM	15	6,025	15	6,025		
LIFE CYCLE SOFTWARE SUPPORT (LCSS)		1,174		1,174		
LOGTECH		3,238		9,238		+ 6,000
TC AIMS II		445		445		
GUN LAYING AND POS SYS (GLPS)	126	11,781	126	11,781		
ISYSCON EQUIPMENT		34,175		34,175		
MANUEVER CONTROL SYSTEM (MCS)	96	13,033	96	13,033		
STAMIS TACTICAL COMPUTERS (STACOMP) ...	1,633	48,248	1,633	48,248		
STANDARD INTEGRATED CMD POST SYS- TEM		26,827		26,827		
ELECT EQUIP—AUTOMATION:						
ARMY TRAINING XX1 MODERNIZATION		32,635		32,635		
AUTOMATED DATA PROCESSING EQUIP		130,712		130,712		
RESERVE COMPONENT AUTOMATION SYS (RCAS)		108,192		108,192		
ELECT EQUIP—AUDIO VISUAL SYS (A/V):						
AFRTS		487		487		
ITEMS LESS THAN \$2.0M (A/V)		4,597		4,597		
CALIBRATION SETS EQUIPMENT						
INTEGRATED FAMILY OF TEST EQUIP (IFTE) ...						
ELECT EQUIP—TEST MEAS&DIAG EQUIP (TMDE):						
ELECT EQUIP—SUPPORT: PRODUCTION BASE SUPPORT (C-E)		403		403		
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TOTAL, COMMUNICATIONS AND ELEC- TRONICS EQUIPMENT		1,516,331		1,676,443		+ 160,112
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OTHER SUPPORT EQUIPMENT:						
CHEMICAL DEFENSIVE EQUIPMENT:						
GEN SMK MECH-MTRZD DUAL PURP M56	76	15,110	76	15,110		
GENERATOR, SMOKE, MECH M58	38	10,622	38	10,622		
LT VEH OBSCURANT SMK SYS	2,363	4,633	2,363	4,633		
BRIDGING EQUIPMENT: RIBBON BRIDGE		8,824		8,824		
ENGINEER (NON-CONSTRUCTION) EQUIPMENT:						
METALLIC MINE DETECTOR, VEHICLE MOUNT- ED	2	3,775	2	3,775		
BN COUNTERMINE SIP		3,670		3,670		
COMBAT SERVICE SUPPORT EQUIPMENT:						
AIR CONDITIONERS VARIOUS SIZE/CAPAC- ITY		4,650		4,650		
KITCHEN, CONTAINERIZED, FIELD (CK)	77	7,435	77	7,435		
SANITATION CENTER, FIELD FEEDING (FSC) ..	108	1,364	108	1,364		
FIRETRUCKS		15,000		15,000		
TRUCK, FIREFIGHTING, MULTI-PURPOSE	6	1,708	6	1,708		
ARMY SPACE HEATER, 120,000 BTU (ASH) ...	110	1,061	110	1,061		
LAUNDRY ADVANCED SYSTEM (LADS)	19	7,216	19	7,216		
FLOODLIGHT SET, ELEC, TRL MTD, 3 LIGHTS	113	1,944	113	1,944		
SOLDIER ENHANCEMENT		4,832		4,832		
LAND WARRIOR	255	51,380			- 255	- 51,380
FORCE PROVIDER	4	24,418	4	24,418		
REFRIGERATION EQUIPMENT		1,930		1,930		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ITEMS LESS THAN \$2.0M (CSS-EQ)		4,749		4,749		
TANK ASSEMBLY FAB COLLAPSIBLE POL 10000G						
PETROLEUM EQUIPMENT:						
TANK ASSEMBLY FAB COLL POL 50000 G	17	7,393	17	7,393		
PUMP ASSY, REGULATED, 350 GPM	10	358	10	358		
INLAND PETROLEUM DISTRIBUTION SYSTEM		8,342		8,342		
FORWARD AREA REFUELING SYS ADV AVIATION	18	5,329	18	5,329		
ITEMS LESS THAN \$2.0M (POL)		4,657		4,657		
WATER EQUIPMENT:						
SMALL MOBILE WATER CHILLER (SMWC)	310	2,897	310	2,897		
ITEMS LESS THAN \$2.0M (WATER EQ)		1,255		1,255		
MEDICAL EQUIPMENT: COMBAT SUPPORT MEDICAL		25,807		25,807		
MAINTENANCE EQUIPMENT:						
SHOP EQ CONTACT MAINTENANCE TRK MTD (MYP)	180	7,897	180	7,897		
WELDING SHOP, TRAILER MTD	55	3,044	55	3,044		
ITEMS LESS THAN \$2.0M (MAINT EQ)		4,754		4,754		
CONSTRUCTION EQUIPMENT:						
DIST, BITUM MATERIAL 1500G TRK MTD	20	4,377	20	4,377		
ROLLER, VIBRATORY, SELF-PROPELLED (CCE)						
HYDRAULIC EXCAVATOR	26	6,402	26	6,402		
DEPLOYABLE UNIVERSAL COMBAT EARTH MOVERS	23	9,388	23	9,388		
TRUCK, DUMP, 20T (CCE)	66	13,305	66	13,305		
CRUSHING/SCREENING PLANT, 150 TPH	2	3,801	2	3,801		
CRANE, WHEEL MTD, 25T, 3/4 CU YD, RT	47	11,553	47	11,553		
ITEMS LESS THAN \$2.0M (CONST EQUIP)		1,929		1,929		
RAIL FLOAT CONTAINERIZATION EQUIPMENT:						
PUSHER TUG, SMALL	1	4,269	1	4,269		
FLOATING CRANE, 100 - 250 TON						
CONTAINERIZED MAINTENANCE FACILITY	1	5,300	1	5,300		
CAUSEWAY SYSTEMS		17,083		17,083		
RAILWAY CAR, FLAT, 100 TON	148	12,804	148	12,804		
ITEMS LESS THAN \$2.0M (FLOAT/RAIL)		3,235		3,235		
GENERATORS: GENERATORS AND ASSOCIATED EQUIP		82,749		82,749		
MATERIAL HANDLING EQUIPMENT:						
TRUCK, FORK LIFT, DE, PT, RT, 50000 LB	101	20,588	101	20,588		
ALL TERRAIN LIFTING ARTICULATING SYSTEM	47	15,228	47	15,228		
ROUGH TERRAIN CONTAINER CRANE	30	13,615	30	13,615		
ITEMS LESS THAN \$2.0M (MHE)		1,672		1,672		
TRAINING EQUIPMENT:						
COMBAT TRAINING CENTERS SUPPORT		47,395		47,395		
TRAINING DEVICES, NONSYSTEM		56,755		44,655		- 12,100
SIMNET/CLOSE COMBAT TACTICAL TRAINER ..		113,927		88,927		- 25,000
FIRE SUPPORT COMBINED ARMS TACTICAL TRAINER		28,124		28,124		
TEST MEASURE AND DIG EQUIPMENT (TMD):						
CALIBRATION SETS EQUIPMENT		9,984		9,984		
INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)		54,051		64,051		+ 10,000
TEST EQUIPMENT MODERNIZATION (TEMOD)		13,797		13,797		
OTHER SUPPORT EQUIPMENT:						
RECONFIGURABLE SIMULATORS		1,967		1,967		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PHYSICAL SECURITY SYSTEMS (OPA3)		16,164		16,164		
SYSTEM FIELDING SUPPORT (OPA-3)		7,143		7,143		
BASE LEVEL COM'L EQUIPMENT		9,697		9,697		
TRANSPORTATION AUTOMATED MEASURING SYS (TRAMS)						
ELECTRONIC REPAIR SHELTER	2	3,694	2	3,694		
MODIFICATION OF IN-SVC EQUIPMENT (OPA- 3)		17,667		17,667		
PRODUCTION BASE SUPPORT (OTH)		2,274		2,274		
SPECIAL EQUIPMENT FOR USER TESTING		15,062		15,062		
MA8975		6,020		6,020		
TOTAL, OTHER SUPPORT EQUIPMENT		877,073		798,593		- 78,480
SPARE AND REPAIR PARTS:						
INITIAL SPARES—TSV		4,433		4,433		
INITIAL SPARES—C&E		73,362		73,362		
INITIAL SPARES—OTHER SUPPORT EQUIP		1,174		1,174		
TOTAL, SPARE AND REPAIR PARTS		78,969		78,969		
RADIO FREQUENCY TECHNOLOGY						
PALLETIZED LOADING SYSTEM ENHANCED						
VEHICLE LEASES				400		+ 400
ECONOMIC ASSUMPTIONS						
TOTAL, OTHER PROCUREMENT, ARMY		3,198,811		3,395,729		+ 196,918

COMMITTEE RECOMMENDED ADJUSTMENTS

Program and project funding increases.—The Committee recommends the addition of funds for the following programs to reflect congressional priorities and to implement increases endorsed and/or requested by the Army to address budget shortfalls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Tactical trailers/dolly sets	11,948	19,448	+ 7,500
Information System Security Program [ISSP]	29,714	33,714	+ 4,000
Information systems	91,213	122,213	+ 31,000
Items less than \$2,000,000 [TIARA]	530	2,530	+ 2,000
LTWT video reconnaissance system [LWVRS]	3,364	9,364	+ 6,000
LOGTECH	3,238	9,238	+ 6,000
Integrated family of test equipment [IFTE]	54,051	64,051	+ 10,000
Vehicle lease			+ 400

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are excess to firm program requirements based on delays in the release of prior-year funds; late contract efforts; slow execution of prior-year funds; differences between the budget request and the actual program plans; or are lower priority relative to other programs.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
HMMWV ESP	24,832	.....	- 24,832
Heavy armored sedan	5,956	.....	- 5,956
Passenger carrying vehicles	867	.....	- 867
General purpose vehicles	1,059	.....	- 1,059
IEW-GND base common sensors [TIARA]	25,388	.....	- 25,388
Land Warrior	51,380	.....	- 51,380
SIMNET/close combat tactical trainer	113,927	88,927	- 25,000

IEW-Gnd base common sensors [TIARA].—The Committee recommends a reduction based on significant technical difficulties and further delay of initial operational test and evaluation [IOT&E].

Simnet/close combat tactical trainer [CCTT].—The Committee recommends a reduction based on delays as a result of a 1-year slip in operational test and evaluation [IOT&E].

Land warrior.—The Committee recommends a reduction in the Land Warrior Program based on significant technical difficulties in hardware/software integration and schedule slip.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Hi MOB Multipurpose whld veh [HMMWV]	12,144	77,844	+ 65,700
Family of medium tactical vehicle [FMTV]	332,044	382,044	+ 50,000
Medium truck extended service program [ESP]	37,247	63,647	+ 26,400
Army data distribution system [ADDS]	24,048	52,048	+ 28,000
SINGARS family	13,212	63,212	+ 50,000
ACUS mod program [WIN-T/T]	97,080	132,080	+ 35,000
Project management support	2,437	1,437	- 1,000
System fielding support [TACOM]	4,166	3,166	- 1,000
Training devices, nonsystem	56,755	44,655	- 12,100
Night vision devices	29,636	53,136	+ 23,500

Tactical trailers/dolly sets.—The Committee recommends an additional \$7,500,000 in tactical trailers/dolly sets only for the self-load/off-load trailer [SLOT].

Firefighter Trainer Program.—The Committee recommends an additional \$4,000,000 in nonsystem training devices only for the Firefighter Trainer Program.

Night vision equipment.—The Committee recommends an additional \$10,000,000 only for 25 mm generation III image intensifier tubes.

Secure terminal equipment.—The Committee recommends an additional \$4,000,000 in the Information System Security Program [ISSP] only for the Tactical Secure Terminal Equipment Program.

Improved remotely monitored battlefield sensor system [IREMBASS].—The Committee recommends an additional

\$2,000,000 in items less than \$2,000,000 only for the IREMBASS Program.

LOGTECH.—The Committee recommends an additional \$6,000,000 in LOGTECH only for the business process server.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 1998	\$6,535,444,000
Budget estimate, 1999	7,466,734,000
Committee recommendation	7,473,403,000

The Committee recommends \$7,473,403,000, an increase of \$6,669,000 to the budget request. This appropriation account finances the construction, procurement, production, modification, and modernization of aircraft, including ordnance systems, ground support equipment, flight simulators, spare parts, accessories, and specialized equipment; and expansion of public and private plants.

COMMITTEE RECOMMENDED PROGRAM

The Committee recommendation increases funds to procure additional electronic countermeasure assets, to purchase Marine Corps' night targeting systems, and to accelerate modifications of the Navy's P-3 surveillance warfare aircraft. The Committee's adjustments are reflected in the following tables and discussed in the text which follows.

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AIRCRAFT PROCUREMENT, NAVY						
COMBAT AIRCRAFT:						
AV-8B (V/STOL)HARRIER	12	282,713	12	282,713	.....	.....
AV-8B (V/STOL)HARRIER (AP-CY) .....	.....	55,686	.....	55,686	.....	.....
F/A-18E/F (FIGHTER) HORNET	30	2,787,783	30	2,787,783	.....	.....
F/A-18E/F (FIGHTER) HORNET (AP-CY) .....	.....	109,438	.....	109,438	.....	.....
V-22 (MEDIUM LIFT)	7	610,766	7	610,766	.....	.....
V-22 (MEDIUM LIFT) (AP-CY) .....	.....	54,020	.....	54,020	.....	.....
E-2C (EARLY WARNING) HAWKEYE	3	206,384	3	206,384	.....	.....
E-2C (EARLY WARNING) HAWKEYE (AP-CY) .....	.....	182,947	.....	182,947	.....	.....
TOTAL, COMBAT AIRCRAFT .....	.....	4,289,737	.....	4,289,737	.....	.....
AIRLIFT AIRCRAFT:						
CH-60	4	106,027	4	106,027	.....	.....
CH-60 (AP-CY) .....	.....	26,160	.....	26,160	.....	.....
TOTAL, AIRLIFT AIRCRAFT .....	.....	132,187	.....	132,187	.....	.....
TRAINER AIRCRAFT:						
T-45TS (TRAINER) GOSHAWK	15	282,667	15	282,667	.....	.....
T-45TS (TRAINER) GOSHAWK (AP-CY) .....	.....	60,159	.....	8,000	.....	- 52,159
TOTAL, TRAINER AIRCRAFT .....	.....	342,826	.....	290,667	.....	- 52,159
OTHER AIRCRAFT: KC-130J						
MODIFICATION OF AIRCRAFT:						
EA-6 SERIES .....	.....	75,735	.....	80,735	.....	+ 5,000
AV-8 SERIES .....	.....	99,109	.....	99,109	.....	.....
F-14 SERIES .....	.....	223,661	.....	223,661	.....	.....
ADVERSARY .....	.....	1,292	.....	1,292	.....	.....

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ES-3 SERIES		5,172				- 5,172
F-18 SERIES		198,049		198,049		
H-46 SERIES		31,863		31,863		
AH-1W SERIES		22,394		33,394		+ 11,000
H-53 SERIES		37,829		37,829		
SH-60 SERIES		137,997		137,997		
H-1 SERIES		18,220		18,220		
H-3 SERIES		34		34		
EP-3 SERIES		5,437		7,437		+ 2,000
P-3 SERIES		268,633		279,133		+ 10,500
S-3 SERIES		45,997		45,997		
E-2 SERIES		91,502		91,502		
TRAINER A/C SERIES		7,399		7,399		
C-2A		18,113		18,113		
C-130 SERIES		4,040		4,040		
FEWSG		557		557		
CARGO/TRANSPORT A/C SERIES		27,179		38,179		+ 11,000
E-6 SERIES		64,660		64,660		
EXECUTIVE HELICOPTERS SERIES		26,147		26,147		
SPECIAL PROJECT AIRCRAFT		17,729		17,729		
T-45 SERIES		8,499		8,499		
POWER PLANT CHANGES		15,283		15,283		
COMMON ECM EQUIPMENT		37,375		58,875		+ 21,500
COMMON AVIONICS CHANGES		104,697		104,697		
TOTAL, MODIFICATION OF AIRCRAFT		1,594,602		1,650,430		+ 55,828
AIRCRAFT SPARES AND REPAIR PARTS: SPARES AND REPAIR PARTS		727,838		727,838		
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES:						
COMMON GROUND EQUIPMENT		330,952		333,952		+ 3,000
AIRCRAFT INDUSTRIAL FACILITIES		13,753		13,753		
WAR CONSUMABLES		11,197		11,197		
OTHER PRODUCTION CHARGES		7,552		7,552		
SPECIAL SUPPORT EQUIPMENT		14,377		14,377		
FIRST DESTINATION TRANSPORTATION		1,713		1,713		
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		379,544		382,544		+ 3,000
ECONOMIC ASSUMPTIONS						
TOTAL, AIRCRAFT PROCUREMENT, NAVY		7,466,734		7,473,403		+ 6,669

COMMITTEE RECOMMENDED ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification; or can be deferred without adversely affecting program activities.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
T-45 advance procurement (CY)	60,159	8,000	- 52,159
Multiyear procurement funds reduction		- 52,159	- 52,159
ES-3 series	5,172		- 5,172
Program reduction based on Navy deferral		- 5,172	- 5,172

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Navy to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Navy.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
EA-6 series	75,735	80,735	+ 5,000
ALQ-99 band 9/10 transmitter		5,000	+ 5,000
Cargo/transport A/C series	27,179	38,179	+ 11,000
C-20 repair		11,000	+ 11,000
Common ECM equipment	37,375	58,875	+ 21,500
AN/ALR-67(V)2 radar warning receiver upgrades		5,000	+ 5,000
AN/APR-39 radar warning receivers		6,500	+ 6,500
ALQ-165 suites		10,000	+ 10,000
Common ground equipment	330,952	333,952	+ 3,000
Direct support squadron readiness training [DSSRT]		3,000	+ 3,000

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
AH-1W series	22,394	33,394	+ 11,000
Super Cobra night targeting system		11,000	+ 11,000
EP-3 series	5,437	7,437	+ 2,000
Spares and repairs		2,000	+ 2,000
P-3 series	268,633	279,133	+ 10,500
Antisurface Warfare Improvement Program [AIP] kits		12,200	+ 12,200
Lightweight environmentally sealed parachute assembly [LESPA] ¹		7,400	+ 7,400
P-3 weapon system trainer ²		- 9,100	- 9,100

¹ Increase reflects Committee recommendations as outlined in the "Program and project increases" heading of this report section.

² Program reduction recommended as described under the heading "Program reductions and deferrals."

T-45 advance procurement.—The Committee recommendation provides \$8,000,000 for advance procurement costs associated with the planned procurement of 15 T-45 aircraft in fiscal year 2000. The Committee recommendation deletes \$52,159,000 of advance

procurement funds budgeted to begin a multiyear procurement. The Committee fully supports T-45 procurement and applauds the Navy's compression of the schedule to reduce acquisition costs. However, the Committee believes the limited additional savings available through a multiyear procurement contract are not sufficient to justify this acquisition approach. Indeed, there is an equal chance that inflation savings and learning curve benefits will achieve comparable savings using annual contracts.

The Committee has provided \$8,000,000 for T-45 advance procurement. The Committee directs that these funds are available only to initiate the procurement of 15 T-45 aircraft in fiscal year 2000. The Committee will reconsider the Defense Department's request for T-45 multiyear procurement authority if the Department and industry can identify additional multiyear procurement savings adequate to justify multiyear acquisition authority.

P-3 series.—The Committee recommends \$279,133,000, an increase of \$10,500,000 above the budget request as outlined in the table accompanying this report section. Within the funds appropriated pursuant to the budget request, the Committee directs that up to \$5,000,000 is available for the replacement data storage system [RDSS].

Common ECM equipment.—The Committee understands the acute shortage of ALQ-165 electronic warfare jamming devices has left the Department of the Navy without adequate numbers to support deploying F-14D's and F/A-18C/D's. The Marine Corps F/A-18's have only three suites remaining and some overseas deploying Navy squadrons will remain unprotected against specific threats the ALQ-165 counters for nearly 4 months. Therefore, the Committee has provided an increase of \$10,000,000 for the procurement of 18 ALQ-165 suites. Additionally, the Committee directs the Department of the Navy to develop a program for fiscal year 2000 and beyond which fully satisfies the requirements of its deploying forces during the interim period until IDECM is fully operational.

WEAPONS PROCUREMENT, NAVY

Appropriations, 1998	\$1,102,193,000
Budget estimate, 1999	1,327,545,000
Committee recommendation	1,324,045,000

The Committee recommends an appropriation of \$1,324,045,000 for the Navy's fiscal year 1999 "Weapons procurement" account, a decrease of \$3,500,000 from the budget request.

This appropriation finances the construction, procurement, production, modification, and modernization of strategic and tactical missiles, torpedoes, other weapons, related support equipment (including spare parts and accessories), and the expansion of public and private plants.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, WEAPONS PROCUREMENT, NAVY		1,327,545		1,324,045		- 3,500

COMMITTEE RECOMMENDED ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are excess to firm program requirements based on delays in the release of prior-year funds; late contract efforts; slow execution of prior-year funds; differences between the budget request and the actual program plans; or are lower priority relative to other programs.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Trident II (AP-CY)	62,800	42,800	- 20,000
AMRAAM	62,641	51,641	- 11,000
Standard missile	225,702	210,702	- 15,000

Trident II.—The Committee is uncertain how long the Navy will continue to procure Trident II missiles and believes that funding for advance procurement of the Trident II missile in fiscal year 2004 is premature. Therefore, the Committee recommends a reduction of \$20,000,000.

Tactical missiles.—The Committee recommends reductions in the advanced medium range air-to-air missile [AMRAAM], and standard missile based on recommendations from the GAO concerning savings in production resulting from the merger of Raytheon and Hughes missile systems companies. The Committee also recommends a \$8,900,000 reduction in the standard missile block IVA support costs.

Drones and Decoys.—The Committee recommends \$10,000,000 only for the procurement of the improved tactical air launched decoy [ITALD].

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Penguin		7,500	+ 7,500
Drones and decoys	298	10,298	+ 10,000
CIWS mods	2,778	12,778	+ 10,000
5/54 gun mount mods	909	15,909	+ 15,000

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 1998	\$397,547,000
Budget estimate, 1999	429,539,000
Committee recommendation	480,739,000

The Committee recommends an appropriation of \$480,739,000 for Navy and Marine Corps ammunition for fiscal year 1999. This is \$51,200,000 above the President's budget request.

This appropriation finances the acquisition of ammunition, ammunition modernization, and ammunition-related material for the Navy and marine Corps.

COMMITTEE RECOMMENDED PROGRAMS

The following table details the Committee recommendation in comparison with the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS						
PROC AMMO, NAVY:						
NAVY AMMUNITION:						
GENERAL PURPOSE BOMBS		22,904		34,904		+ 12,000
JDAM	898	41,363	898	41,363		
2.75 INCH ROCKETS		16,147		16,147		
MACHINE GUN AMMUNITION		8,816		8,816		
PRACTICE BOMBS		40,134		40,134		
CARTRIDGES & CART ACTUATED DEVICES		25,982		25,982		
AIRCRAFT ESCAPE ROCKETS		10,370		10,370		
AIR EXPENDABLE COUNTERMEASURES		29,059		29,059		
MARINE LOCATION MARKERS		1,350		1,350		
JATOS		3,893		3,893		
5 INCH/54 GUN AMMUNITION		21,853		21,853		
EXTENDED RANGE GUIDED MUNITIONS (ERGM)						
		27,452		37,452		+ 10,000
CIWS AMMUNITION		660		660		
76MM GUN AMMUNITION		3,761		3,761		
OTHER SHIP GUN AMMUNITION		4,548		4,548		
SMALL ARMS & LANDING PARTY AMMO		7,752		7,752		
PYROTECHNIC AND DEMOLITION		8,938		8,938		
MINE NEUTRALIZATION DEVICES		7,884		7,884		
20MM PGU-28						
TOTAL, PROC AMMO, NAVY		282,866		304,866		+ 22,000
PROC AMMO, MC:						
MARINE CORPS AMMUNITION:						
5.56 MM, ALL TYPES		25,750		26,250		+ 500
7.62 MM, ALL TYPES		196		896		+ 700
LINEAR CHARGES, ALL TYPES		7,603		7,603		
.50 CALIBER		1,180		1,680		+ 500
40 MM, ALL TYPES		11,565		11,565		
81MM, ALL TYPES		16,076		16,076		
120MM, ALL TYPES		14,054		18,054		+ 4,000
CTG 25MM, ALL TYPES		3,860		4,860		+ 1,000
9 MM ALL TYPES		2,332		3,332		+ 1,000
GRENADES, ALL TYPES		4,893		5,893		+ 1,000
ROCKETS, ALL TYPES		21,346		39,346		+ 18,000
DEMOLITION MUNITIONS, ALL TYPES		7,737		7,737		
FUZE, ALL TYPES		13,645		16,145		+ 2,500

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
NON LETHALS		984		984		
AMMO MODERNIZATION		12,007		12,007		
ITEMS LESS THAN \$2 MIL		3,445		3,445		
TOTAL, PROC AMMO, MC		146,673		175,873		+ 29,200
ECONOMIC ASSUMPTIONS						
TOTAL, PROCUREMENT OF AMMUNITION, NAVY & MARINE CORPS		429,539		480,739		+ 51,200

COMMITTEE RECOMMENDED ADJUSTMENTS

Program and project funding increases.—The Committee recommends the adjustment of funds for the following programs to reflect congressional priorities: to implement increases endorsed and/or requested by the service to address budget shortfalls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
General purpose bombs	22,904	34,904	
GBU-24 enhanced guidance systems			+ 12,000
Extended range guided munitions [ERGM]	27,452	37,452	+ 10,000

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustment to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Marine Corps ammunition:			
5.56 mm, all types	25,750	26,250	+ 500
7.62 mm, all types	196	896	+ 700
120 mm, all types	14,054	18,854	+ 4,800
9 mm, all types	2,332	3,332	+ 1,000
Grenades, all types	4,893	5,893	+ 1,000
Rockets, all types	21,346	39,346	+ 18,000
Fuze, all types	13,645	16,145	+ 2,500

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 1998	\$8,235,591,000
Budget estimate, 1999	6,252,672,000
Committee recommendation	6,067,272,000

The Committee recommends \$6,067,272,000, a decrease of \$185,400,000 from the budget request. This appropriation finances the construction; acquisition; and conversion of vessels, including armor and armament; plant equipment, appliances, and machine

tools for production plants and facilities; procurement of long lead-time items; and detail design of vessels.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SHIPBUILDING & CONVERSION, NAVY						
OTHER WARSHIPS:						
CARRIER REPLACEMENT PROGRAM						
CARRIER REPLACEMENT PROGRAM (AP-CY)		124,515		124,515		
SSN-21						
NEW SSN	1	1,498,165	1	1,498,165		
NEW SSN (AP-CY)		504,736		504,736		
CVN REFUELING OVERHAULS						
CVN REFUELING OVERHAULS (AP-CY)		274,980		274,980		
DDG-51	3	2,672,078	3	2,672,078		
DDG-51 (AP-CY)		7,396		7,396		
TOTAL, OTHER WARSHIPS		5,081,870		5,081,870		
AMPHIBIOUS SHIPS:						
LPD-17	1	638,780	1	638,780		
LPD-17 (AP-CY)						
LHD-8 (AP-CY)				50,000		+ 50,000
TOTAL, AMPHIBIOUS SHIPS		638,780		688,780		+ 50,000
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM:						
AUXILIARIES, CRAFT AND PRIOR YEAR PROGRAM						
COS:						
OCEANOGRAPHIC SHIPS	1	60,341	1	60,341		
OCEANOGRAPHIC SHIPS (AP-CY)						
SERVICE CRAFT						
STRATEGIC SEALIFT	1	251,400	1			- 251,400
LCAC LANDING CRAFT				16,000		+ 16,000
OUTFITTING		95,680		95,680		
POST DELIVERY		123,277		123,277		
FIRST DESTINATION TRANSPORTATION		1,324		1,324		
TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM		532,022		296,622		- 235,400
ECONOMIC ASSUMPTIONS						
TOTAL, SHIPBUILDING & CONVERSION, NAVY ..		6,252,672		6,067,272		- 185,400

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
LHD-8 (AP)		50,000	+ 50,000
Strategic sealift	251,400		- 251,400

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
LCAC landing craft		16,000	+ 16,000

OTHER PROCUREMENT, NAVY

Appropriations, 1998	\$3,144,205,000
Budget estimate, 1999	3,937,737,000
Committee recommendation	3,886,475,000

The Committee recommends an appropriation of \$3,886,475,000 for the Navy's fiscal year 1999 "Other procurement" account, a decrease of \$51,262,000 from the budget request.

This appropriation finances the procurement of major equipment and weapons other than ships, aircraft, missiles, torpedoes, and guns. Equipment ranges from the latest electronic sensors for updating of naval forces to trucks, training equipment, and spare parts.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OTHER PROCUREMENT, NAVY						
SHIPS SUPPORT EQUIPMENT:						
SHIP PROPULSION EQUIPMENT:						
LM-2500 GAS TURBINE		8,700		8,700		
ALLISON 501K GAS TURBINE		6,737		6,737		
STEAM PROPULSION IMPROVEMENT		617		617		
OTHER PROPULSION EQUIPMENT		10,336		10,336		
GENERATORS: OTHER GENERATORS		9,637		8,437		- 1,200
PUMPS: OTHER PUMPS		1,017		1,017		
PROPELLERS:						
SUBMARINE PROPELLERS		7,937		7,937		
OTHER PROPELLERS AND SHAFTS		2,460		2,460		
NAVIGATION EQUIPMENT: OTHER NAVIGATION EQUIPMENT		45,259		57,259		+ 12,000
UNDERWAY REPLENISHMENT EQUIPMENT: UNDERWAY REPLENISHMENT EQUIPMENT		7,658		7,658		
PERISCOPES: SUB PERISCOPES AND IMAGING EQUIP		31,864		31,864		
OTHER SHIPBOARD EQUIPMENT:						
FIREFIGHTING EQUIPMENT		10,067		10,067		
COMMAND AND CONTROL SWITCHBOARD		9,787		9,787		
POLLUTION CONTROL EQUIPMENT		149,669		123,669		- 26,000
SUBMARINE SILENCING EQUIPMENT		3,456		3,456		
SUBMARINE BATTERIES		8,651		8,651		
SSN21 CLASS SUPPORT EQUIPMENT		15,475		15,475		
STRATEGIC PLATFORM SUPPORT EQUIP		10,345		10,345		
DSSP EQUIPMENT		10,470		10,470		
MINESWEEPING EQUIPMENT		394		394		
HM&E ITEMS UNDER \$2 MILLION		58,121		58,121		
SURFACE IMA		661		661		
RADIOLOGICAL CONTROLS						

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MINI/MICROMINI ELECTRONIC REPAIR		518		518		
REACTOR PLANT EQUIPMENT:						
REACTOR POWER UNITS		227,338		227,338		
REACTOR COMPONENTS		211,382		211,382		
OCEAN ENGINEERING:						
DIVING AND SALVAGE EQUIPMENT		5,688		5,688		
EOD UNDERWATER EQUIPMENT		8,174		8,174		
SMALL BOATS: STANDARD BOATS		1,389		1,389		
TRAINING EQUIPMENT: OTHER SHIPS TRAINING EQUIPMENT		1,842		1,842		
PRODUCTION FACILITIES EQUIPMENT:						
PRODUCTION SUPPORT FACILITIES						
OPERATING FORCES IPE		673		673		
OTHER SHIP SUPPORT: NUCLEAR ALTERATIONS		96,752		96,752		
TOTAL, SHIPS SUPPORT EQUIPMENT		963,074		947,874		- 15,200
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
SHIP RADARS:						
AN/SPS-40		23		23		
AN/SPS-48						
AN/SPS-49		1,036		1,036		
MK-23 TARGET ACQUISITION SYSTEM		1		1		
RADAR SUPPORT		1,260		10,260		+ 9,000
TISS		11,756		11,756		
SHIP SONARS:						
SURFACE SONAR SUPPORT EQUIPMENT		15		15		
AN/SQQ-89 SURF ASW COMBAT SYSTEM		27,432		27,432		
SSN ACOUSTICS		133,535		148,535		+ 15,000
SURFACE SONAR WINDOWS AND DOME		1		1		
SONAR SUPPORT EQUIPMENT		8,915		8,915		
SONAR SWITCHES AND TRANSDUCERS		12,785		12,785		
ASW ELECTRONIC EQUIPMENT:						
SUBMARINE ACOUSTIC WARFARE SYSTEM		7,326		7,326		
SSTD		836		836		
ACOUSTIC COMMUNICATIONS		401		401		
FIXED SURVEILLANCE SYSTEM		9,553		9,553		
SURTASS		12,712		12,712		
ASW OPERATIONS CENTER		2,658		2,658		
CARRIER ASW MODULE		443		443		
ELECTRONIC WARFARE EQUIPMENT:						
AN/SLQ-32		1,469		1,469		
AN/WLR-1		1,809		1,809		
INFORMATION WARFARE SYSTEMS		4,312		4,312		
EW SUPPORT EQUIPMENT						
C-3 COUNTERMEASURES		6,080		6,080		
RECONNAISSANCE EQUIPMENT:						
SHIPBOARD CRYPTOLOGIC SYSTEMS		40,238		40,238		
COMBAT DF						
OUTBOARD						
BATTLE GROUP PASSIVE HORIZON EXTEN		73,542		65,328		- 8,214
SUBMARINE SURVEILLANCE EQUIPMENT:						
AN/WLQ-4		2,858		2,858		
SUBMARINE SUPPORT EQUIPMENT PROG		3,936		3,936		
OTHER SHIP ELECTRONIC EQUIPMENT:						
NAVY TACTICAL DATA SYSTEM		34		34		
COOPERATIVE ENGAGEMENT CAPABILITY		47,332		19,432		- 27,900
JMCIS AFLOAT		38,324		38,324		
NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)		73,333		73,333		
ATDLS		33,021		33,021		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MINESWEEPING SYSTEM REPLACEMENT		32,934		17,039		- 15,895
SHALLOW WATER MCM		8,913		8,913		
NAVSTAR GPS RECEIVERS (SPACE)		9,542		9,542		
ARMED FORCES RADIO AND TV		16,069		16,069		
STRATEGIC PLATFORM SUPPORT EQUIP		12,687		12,687		
TRAINING EQUIPMENT:						
OTHER SPAWAR TRAINING EQUIPMENT		1,040		1,040		
OTHER TRAINING EQUIPMENT		29,424		29,424		
AVIATION ELECTRONIC EQUIPMENT:						
MATCALs		10,123		10,123		
SHIPBOARD AIR TRAFFIC CONTROL		8,588		8,588		
AUTOMATIC CARRIER LANDING SYSTEM		10,095		10,095		
NATIONAL AIR SPACE SYSTEM		28,201		28,201		
AIR STATION SUPPORT EQUIPMENT		6,776		6,776		
MICROWAVE LANDING SYSTEM		5,249		5,249		
FACSFAC		4,633		4,633		
ID SYSTEMS		15,330		15,330		
SURFACE IDENTIFICATION SYSTEMS		5,321		5,321		
TAC A/C MISSION PLANNING SYS(TAMPS)		23,666		23,666		
OTHER SHORE ELECTRONIC EQUIPMENT:						
JMCIS ASHORE		4,517		4,517		
JMCIS OED		343		343		
TADIX-B		12,377		12,377		
JMCIS TACTICAL/MOBILE		3,982		3,982		
RADIAC		4,035		4,035		
GPETE		9,659		9,659		
INTEG COMBAT SYSTEM TEST FACILITY		4,482		6,482		+ 2,000
CALIBRATION STANDARDS		1,871		1,871		
EMI CONTROL INSTRUMENTATION		7,536		7,536		
SHORE ELEC ITEMS UNDER \$2 MILLION		2,559		2,559		
SHIPBOARD COMMUNICATIONS:						
SHIPBOARD TACTICAL COMMUNICATIONS		34,397		38,397		+ 4,000
PORTABLE RADIOS		10,913		10,913		
SINGGARS		27,888		27,888		
SHIP COMMUNICATIONS AUTOMATION		90,638		90,638		
SHIP COMM ITEMS UNDER \$2 MILLION		24,220		24,220		
SUBMARINE COMMUNICATIONS:						
SHORE LF/VLF COMMUNICATIONS		13,028		13,028		
SUBMARINE COMMUNICATION EQUIPMENT		64,583		50,283		- 14,300
ADVANCED VLF RECEIVER		17,171		17,171		
SATELLITE COMMUNICATIONS:						
SATCOM SHIP TERMINALS (SPACE)		145,193		145,193		
SATCOM SHORE TERMINALS (SPACE)		71,077		71,077		
SHORE COMMUNICATIONS:						
JCS COMMUNICATIONS EQUIPMENT		3,363		3,363		
NSIPS		7,707		7,707		
JEDMICS				10,000		+ 10,000
GCCS EQUIPMENT		2,944		2,944		
NAVAL SHORE COMMUNICATIONS		113,546		113,546		
CRYPTOGRAPHIC EQUIPMENT: INFO SYSTEMS SE- CURITY PROGRAM (ISSP)		45,990		45,990		
CRYPTOLOGIC EQUIPMENT: CRYPTOLOGIC COMMU- NICATIONS EQUIP		21,216		21,216		
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		1,530,802		1,504,493		- 26,309
AVIATION SUPPORT EQUIPMENT:						
SONOBUOYS:						
AN/SSQ-36 (BT)		1,360		1,360		
AN/SSQ-53 (DIFAR)		37,257		37,257		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AN/SSQ-57 (SPECIAL PURPOSE)		2,435		2,435		
AN/SSQ-62 (DICASS)		20,698		20,698		
AN/SSQ-101 (ADAR)		16,550		16,550		
SIGNAL, UNDERWATER SOUND (SUS)		1,302		1,302		
AIRCRAFT SUPPORT EQUIPMENT:						
WEAPONS RANGE SUPPORT EQUIPMENT		8,064		23,064		+ 15,000
EXPEDITIONARY AIRFIELDS		5,019		5,019		
AIRCRAFT REARMING EQUIPMENT		12,912		12,912		
AIRCRAFT LAUNCH & RECOVERY EQUIP- MENT		39,749		39,749		
METEOROLOGICAL EQUIPMENT		32,892		32,892		
OTHER PHOTOGRAPHIC EQUIPMENT		623		623		
AVIATION LIFE SUPPORT		22,277		22,277		
AIRBORNE MINE COUNTERMEASURES		39,406		39,406		
LAMPS MK III SHIPBOARD EQUIPMENT						
REWSON PHOTOGRAPHIC EQUIPMENT		855		855		
STOCK SURVEILLANCE EQUIPMENT						
OTHER AVIATION SUPPORT EQUIPMENT		4,264		4,264		
TOTAL, AVIATION SUPPORT EQUIPMENT		245,663		260,663		+ 15,000
ORDNANCE SUPPORT EQUIPMENT:						
SHIP GUN SYSTEM EQUIPMENT: GUN FIRE CON- TROL EQUIPMENT		20,203		20,203		
SHIP MISSILE SYSTEMS EQUIPMENT:						
MK-92 FIRE CONTROL SYSTEM		961		961		
HARPOON SUPPORT EQUIPMENT						
TARTAR SUPPORT EQUIPMENT		1		1		
POINT DEFENSE SUPPORT EQUIPMENT		38		38		
ENGAGEMENT SYSTEMS SUPPORT		307		307		
NATO SEASPARROW		5,156		5,156		
RAM GMLS		59,760		59,760		
SHIP SELF DEFENSE SYSTEM		22,944		22,944		
AEGIS SUPPORT EQUIPMENT		83,169		95,169		+ 12,000
SURFACE TOMAHAWK SUPPORT EQUIP- MENT		90,209		90,209		
SUBMARINE TOMAHAWK SUPPORT EQUIP		3,961		3,961		
VERTICAL LAUNCH SYSTEMS		7,791		7,791		
FBM SUPPORT EQUIPMENT:						
STRATEGIC PLATFORM SUPPORT EQUIP		2,972		2,972		
STRATEGIC MISSILE SYSTEMS EQUIP		283,612		283,612		
ANTI-SHIP MISSILE DECOY SYSTEM		21,504		22,504		+ 1,000
ASW SUPPORT EQUIPMENT:						
SSN COMBAT CONTROL SYSTEMS		17,460		17,460		
SUBMARINE ASW SUPPORT EQUIPMENT		3,740		3,740		
SURFACE ASW SUPPORT EQUIPMENT		4,967		4,967		
ASW RANGE SUPPORT EQUIPMENT		4,562		4,562		
OTHER ORDNANCE SUPPORT EQUIPMENT:						
EXPLOSIVE ORDNANCE DISPOSAL EQUIP		7,274		7,274		
UNMANNED SEABORNE TARGET		1,954		1,954		
INDUSTRIAL FACILITIES (CALIBRATION EQUIP- MENT)		1,034		1,034		
STOCK SURVEILLANCE EQUIPMENT		1,421		1,421		
OTHER EXPENDABLE ORDNANCE:						
FLEET MINE SUPPORT EQUIPMENT		11		11		
SURFACE TRAINING DEVICE MODS		5,891		5,891		
SUBMARINE TRAINING DEVICE MODS		23,801		23,801		
TOTAL, ORDNANCE SUPPORT EQUIP- MENT		674,703		687,703		+ 13,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
CIVIL ENGINEERING SUPPORT EQUIPMENT:						
ARMORED SEDANS		255				- 255
PASSENGER CARRYING VEHICLES	246	3,224			- 246	- 3,224
SPECIAL PURPOSE VEHICLES		4,120		4,120		
CONSTRUCTION & MAINTENANCE EQUIP		2,322		2,322		
FIRE FIGHTING EQUIPMENT		1,034		1,034		
TACTICAL VEHICLES		1,251		1,251		
AMPHIBIOUS EQUIPMENT		27,688		27,688		
COMBAT CONSTRUCTION SUPPORT EQUIP		1,125		1,125		
MOBILE UTILITIES SUPPORT EQUIPMENT		425		425		
COLLATERAL EQUIPMENT						
OCEAN CONSTRUCTION EQUIPMENT		419		419		
POLLUTION CONTROL EQUIPMENT		28,039		28,039		
VEHICLE LEASING				806		+ 806
TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT		69,902		67,229		- 2,673
SUPPLY SUPPORT EQUIPMENT:						
FORKLIFT TRUCKS						
MATERIALS HANDLING EQUIPMENT		6,824		6,824		
OTHER MATERIALS HANDLING EQUIPMENT						
OTHER SUPPLY SUPPORT EQUIPMENT		1,951		1,951		
FIRST DESTINATION TRANSPORTATION		4,419		4,419		
SPECIAL PURPOSE SUPPLY SYSTEMS		95,711		68,631		- 27,080
TOTAL, SUPPLY SUPPORT EQUIPMENT		108,905		81,825		- 27,080
PERSONNEL AND COMMAND SUPPORT EQUIPMENT:						
TRAINING DEVICES: TRAINING SUPPORT EQUIPMENT		2,174		2,174		
COMMAND SUPPORT EQUIPMENT:						
COMMAND SUPPORT EQUIPMENT		17,916		17,916		
MEDICAL SUPPORT EQUIPMENT		2,536		2,536		
INTELLIGENCE SUPPORT EQUIPMENT		21,684		21,684		
OPERATING FORCES SUPPORT EQUIPMENT		4,684		4,684		
ENVIRONMENTAL SUPPORT EQUIPMENT		16,666		16,666		
PHYSICAL SECURITY EQUIPMENT						
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT		65,660		65,660		
OTHER:						
SPARES AND REPAIR PARTS		279,028		271,028		- 8,000
ECONOMIC ASSUMPTIONS						
TOTAL, OTHER PROCUREMENT, NAVY		3,937,737		3,886,475		- 51,262

Navy tactical data system.—The Committee understands that Navy fleet training ranges currently rely on an older version of the advanced combat direction system which cannot support the Cooperative Engagement Capability [CEC] Program and other technologies. Installation of the AN/UYQ-70 advanced display system, CEC, the ACDS Block Computer 1 Program, and adaptation of the range ACDS interface translator at the ranges would take full advantage of these systems and ensure that the ranges maintain current technology to support fleet customers. The Committee encourages the Navy to proceed with this program expeditiously.

COMMITTEE RECOMMENDED ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are excess to firm program requirements based on delays in the release of prior-year funds; late contract efforts; slow execution of prior-year funds; differences between the budget request and the actual program plans; or are lower priority relative to other programs.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Other generators	9,637	8,437	– 1,200
Excess funds		– 1,200	– 1,200
Pollution control equipment	149,669	123,669	– 26,000
Shore-based program		– 15,000	– 15,000
Ship-based program		– 11,000	– 11,000
Battle group passive horizon exten	73,542	65,328	– 8,214
Excess to requirements		– 8,214	– 8,214
Cooperative engagement capability	47,332	19,432	– 27,900
Defer procurement due to schedule delays		– 27,900	– 27,900
Minesweeping system replacement	32,934	17,039	– 15,895
Remote minehunting system		– 15,895	– 15,895
Submarine communication equipment	64,583	50,283	– 14,300
Submarine high data rate			– 14,300
Armored sedans	255		– 255
Excess to requirements		– 255	– 255
Passenger carrying vehicles	3,224		– 3,224
Convert to leasing		– 3,224	– 3,224
Spares and repair parts	279,028	271,028	– 8,000
Excess to requirements		– 8,000	– 8,000

Program and project funding increases.—The Committee recommends the addition of funds for the following programs to reflect congressional priorities and to implement increases endorsed and/or requested by the Navy to address budget shortfalls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Shipboard tactical communications	34,397	38,397	+ 4,000
Scaled integrated voice communications		4,000	+ 4,000
Weapons range support equipment	8,064	23,064	+ 15,000
Mobile remote emitter simulator for 2d location		5,000	+ 5,000
PMRF upgrades		10,000	+ 10,000
Vehicle leasing		806	+ 806
Conversion to leasing		806	+ 806

OTHER ADJUSTMENTS

Authorization adjustments.—The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Other navigation equipment	45,259	57,259	+ 12,000
AN/WSN-7 inertial navigation system		12,000	+ 12,000
Radar support	1,260	10,260	+ 9,000
AN/BPS-15H surface search radar		9,000	+ 9,000
SSN acoustics	133,535	148,535	+ 15,000
Acoustic rapid commercial-off-the-shelf insertion [A-RCI]		15,000	+ 15,000
INTEG combat system test facility	4,482	6,482	+ 2,000
Ship warfare systems center		2,000	+ 2,000
JEDMICS		10,000	+ 10,000
JEDMICS computer security system		10,000	+ 10,000
Aegis support equipment	83,169	95,169	+ 12,000
Smart ship equipment		12,000	+ 12,000
Antiship missile decoy system	21,504	22,504	+ 1,000
NULKA assembly qualification		1,000	+ 1,000
Special purpose supply systems	95,711	68,631	- 27,080
Program reduction		- 27,080	- 27,080

PROCUREMENT, MARINE CORPS

Appropriations, 1998	\$482,398,000
Budget estimate, 1999	745,858,000
Committee recommendation	954,177,000

The Committee recommends an appropriation of \$954,177,000 for the "Procurement, Marine Corps" account for fiscal year 1999, an increase of \$208,319,000 to the budget request.

This appropriation provides the Marine Corps with funds for the procurement, delivery, and modification of missiles, armament, communication equipment, tracked combat and wheeled vehicles, and various support equipment.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT, MARINE CORPS						
WEAPONS AND COMBAT VEHICLES:						
TRACKED COMBAT VEHICLES:						
AAV7A1 PIP		89,934		89,934		
LAV PIP		1,384		1,384		
LIGHT ARMORED VEHICLE						
MODIFICATION KITS (TRKD VEH)		5,726		25,326		+ 19,600
ITEMS UNDER \$2M (TRKD VEH)		97		97		
ARTILLERY AND OTHER WEAPONS:						
MOD KITS (ARTILLERY)		1,809		4,309		+ 2,500
ITEMS UNDER \$2M (ALL OTHER)		105		105		
MARINE ENHANCEMENT PROGRAM		2,075		2,075		
WEAPONS: 155MM LIGHTWEIGHT TOWED HOWITZER		10,002	002			

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, WEAPONS AND COMBAT VEHICLES		111,132		133,232		+ 22,100
GUIDED MISSILES AND EQUIPMENT:						
GUIDED MISSILES:						
HAWK MOD		981		981		
JAVELIN	741	82,842	741	82,842		
PEDESTAL MOUNTED STINGER (PMS) (MYP)		218		5,218		+ 5,000
OTHER SUPPORT: MODIFICATION KITS						
TOTAL, GUIDED MISSILES AND EQUIPMENT		84,041		89,041		+ 5,000
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
REPAIR AND TEST EQUIPMENT:						
AUTO TEST EQUIP SYS		19,312		34,312		+ 15,000
GENERAL PURPOSE ELECTRONIC TEST EQUIP		9,240		9,240		
INTELL/COMM EQUIPMENT (NON-TEL):						
AN/TPQ-36 FIRE FINDER RADAR UPGRADE		155		155		
INTELLIGENCE SUPPORT EQUIPMENT		10,363		10,363		
MOD KITS (INTEL)		4,791		7,891		+ 3,100
ITEMS LESS THAN \$2M (INTELL)						
REPAIR AND TEST EQUIPMENT (NON-TEL): GENERAL PURPOSE MECHANICAL TMDE						
		4,416		4,416		
OTHER COMM/ELEC EQUIPMENT (NON-TEL): NIGHT VISION EQUIPMENT						
		11,563		50,063		+ 38,500
OTHER SUPPORT (NON-TEL):						
COMMAND POST SYSTEMS		7,134		7,134		
MANEUVER C ² SYSTEMS		19,307		19,307		
RADIO SYSTEMS		52,902		52,902		
COMM SWITCHING & CONTROL SYSTEMS		75,781		75,781		
COMM & ELEC INFRASTRUCTURE SUPPORT		57,862		131,962		+ 74,100
MOD KITS MAGTF C41		27,427		27,427		
ITEMS LESS THAN \$2M MAGTF C41		2,436		2,436		
MODIFICATION KITS (OTHER)						
ITEMS LESS THAN \$2M (OTHER)		4,332		4,332		
AIR OPERATIONS C ² SYSTEMS		11,505		11,505		
TOTAL, COMMUNICATIONS AND ELEC- TRONICS EQUIPMENT		318,526		449,226		+ 130,700
SUPPORT VEHICLES:						
ADMINISTRATIVE VEHICLES:						
COMMERCIAL PASSENGER VEHICLES	37	1,248	37	53	- 37	- 1,195
COMMERCIAL CARGO VEHICLES		8,821		7,624		- 1,197
VEHICLE LEASES				611		+ 611
TACTICAL VEHICLES:						
5/4T TRUCK HMMWV (MYP)		1,745		1,745		
MEDIUM TACTICAL VEHICLE REPLACEMENT	240	83,717	240	83,717		
LT TACTICAL VEHICLE REMANUFACTURE (LTRV)		39,263		66,263		+ 27,000
LOGISTICS VEHICLE SYSTEM REP		3,106		3,106		
OTHER SUPPORT: ITEMS LESS THAN \$2 MIL		3,594		3,594		
TOTAL, SUPPORT VEHICLES		141,494		166,713		+ 25,219
ENGINEER AND OTHER EQUIPMENT:						
ENVIRONMENTAL CONTROL EQUIP ASSORT		3,013		3,013		
BULK LIQUID EQUIPMENT						
ADVANCED DEMOLITION KITS		2,949		2,949		
POWER EQUIPMENT ASSORTED		5,097		14,597		+ 9,500
SHOP EQ CONTACT MAINTENANCE (SECM)		5,972		11,372		+ 5,400

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MATERIALS HANDLING EQUIPMENT:						
COMMAND SUPPORT EQUIPMENT		514		514		
AMPHIBIOUS RAID EQUIPMENT		3,723		3,723		
PHYSICAL SECURITY EQUIPMENT		1,856		1,856		
GARRISON MOBILE ENGR EQUIP		5,509		5,509		
WAREHOUSE MODERNIZATION		1,495		1,495		
MATERIAL HANDLING EQUIP		6,453		16,853		+ 10,400
FIRST DESTINATION TRANSPORTATION		1,864		1,864		
GENERAL PROPERTY:						
FIELD MEDICAL EQUIPMENT		2,184		2,184		
TRAINING DEVICES		3,305		3,305		
CONTAINER FAMILY		7,074		7,074		
OTHER SUPPORT:						
MODIFICATION KITS		1,228		1,228		
ITEMS LESS THAN \$2 MIL		1,853		1,853		
TOTAL, ENGINEER AND OTHER EQUIPMENT		54,089		79,389		+ 25,300
SPARES AND REPAIR PARTS		36,576		36,576		
ECONOMIC ASSUMPTIONS						
TOTAL, PROCUREMENT, MARINE CORPS		745,858		954,177		+ 208,319

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are excess to firm program requirements based on delays in the release of prior-year funds; late contract efforts; slow execution of prior-year funds; differences between the budget request and the actual program plans; or are lower priority relative to other programs.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Commercial passenger vehicles	1,248	53	- 1,195
Convert to leasing		- 1,248	- 1,248
Sedan, law enforcement (procurement)		+ 53	+ 53
Commercial cargo vehicles	8,821	7,624	- 1,197
Convert to leasing		- 1,197	- 1,197

Program and project funding increases.—The Committee recommends the addition of funds for the following programs to reflect congressional priorities; to implement increases endorsed and/or requested by the Marine Corps to address budget shortfalls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Mod kits (artillery)	1,809	4,309	+ 2,500
M4 carbines		2,500	+ 2,500
Auto test equipment system	19,312	34,312	+ 15,000
Direct support electrical system test sets [DSESTS]		15,000	+ 15,000
Mod kits (intel)	4,791	7,891	+ 3,100
Improved remotely monitored battlefield sensors (IREMBOSS)		3,100	+ 3,100

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Vehicle leasing		611	+ 611
Conversion to leasing		611	+ 611

Auto test equipment system.—The Committee recommends an increase of \$15,000,000 only to procure light armored vehicle [LAV] TOW2 direct support electrical system test sets [DSESTS].

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Modification kits (tracked vehicles)	5,726	25,326	+ 19,600
Modification kits for tracked vehicles		4,600	+ 4,600
Joint task force enhanced core communications command System [JECCS] ¹		15,000	+ 15,000
Pedestal mounted Stinger (PMS) (MYP)	218	5,218	+ 5,000
Avenger FLIR upgrades		5,000	+ 5,000
Night vision equipment	11,563	50,063	+ 38,500
Borelights		1,000	+ 1,000
Medium power laser illuminator [MPLI]		3,800	+ 3,800
Laser aiming modules		5,000	+ 5,000
Gen III tubes		6,100	+ 6,100
AN/AVS-6 night vision goggle OMNI IV retrofit ²		22,600	+ 22,600
Communication and electric infrastructure support	57,862	131,962	+ 74,100
Base telecommunications/computers		74,100	+ 74,100
Light tactical vehicle remanufacture [LTRV]	39,263	66,263	+ 27,000
Program increase		27,000	+ 27,000
Power equipment assorted	5,097	14,597	+ 9,500
Power equipment		9,500	+ 9,500
Shop equipment contact maintenance [SECM]	5,972	11,372	+ 5,400
Shop equipment contract maintenance		5,400	+ 5,400
Material handling equipment	6,453	16,853	+ 10,400
Material handling equipment		10,400	+ 10,400

¹ Increase reflects Committee recommendations as outlined in the "Program and project increases" heading of this report section.

² Increase authorized under other procurement, Navy by SASC.

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 1998	\$6,480,983,000
Budget estimate, 1999	7,756,475,000
Committee recommendation	7,967,023,000

The Committee recommends \$7,967,023,000, an increase of \$210,548,000 to the budget request. This appropriation finances the construction, procurement, modernization, and modification of aircraft and equipment, including armor and armament, specialized ground-handling equipment, and flight training simulators, spare parts, and accessories; specialized equipment; and expansion of

public and private plants, Government-owned equipment, and installation.

COMMITTEE RECOMMENDED PROGRAM

The Committee recommendation increases funds to procure additional Air Force trainers, support aircraft, and weather reconnaissance aircraft while also accelerating fighter engine modifications and 135-type fleet reenginings. The Committee's adjustments are reflected in the following tables and discussed in the text which follows.

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AIRCRAFT PROCUREMENT, AIR FORCE						
COMBAT AIRCRAFT:						
STRATEGIC OFFENSIVE:						
B-1B (MYP)						
B-2A (MYP)						
TACTICAL FORCES:						
ADVANCED TACTICAL FIGHTER	2	595,094	2	595,094		
ADVANCED TACTICAL FIGHTER (AP-CY)		190,210		190,210		
F-15A						
F-15A (AP-CY)						
F-16 C/D (MYP)						
TOTAL, COMBAT AIRCRAFT		785,304		785,304		
AIRLIFT AIRCRAFT:						
TACTICAL AIRLIFT:						
C-17 (MYP)	13	2,596,992	13	2,596,992		
C-17 (MYP) (AP-CY)		303,500		303,500		
EC-130J						
OTHER AIRLIFT:						
C-130H		11,176		11,176		
C-130J	1	63,782		30,000	-1	-33,782
WC-130			1	75,400	+1	+75,400
TOTAL, AIRLIFT AIRCRAFT		2,975,450		3,017,068		+41,618
TRAINER AIRCRAFT: OPERATIONAL TRAINERS: JPATS	19	107,086	22	97,186	+3	-9,900
OTHER AIRCRAFT:						
HELICOPTERS: V-22 OSPREY						
		22,276		22,276		
MISSION SUPPORT AIRCRAFT:						
CIVIL AIR PATROL A/C	27	2,619	27	2,619		
SMALL VCX			2	79,600	+2	+79,600
C-32A	2	160,901	2	160,901		
E-8C	2	463,051	2	463,051		
E-8C (AP-CY)						
PREDATOR UAV	15	114,492	15	114,492		
TOTAL, OTHER AIRCRAFT		763,339		842,939		+79,600
MODIFICATION OF INSERVICE AIRCRAFT:						
STRATEGIC AIRCRAFT:						
B-2A		15,681		15,681		
B-1B		91,614		58,514		-33,100
B-52		38,308		48,608		+10,300
F-117		25,654		25,654		
TACTICAL AIRCRAFT:						
A-10		31,088		31,088		
F-15		196,579		236,579		+40,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
F-16		229,319		239,219		+ 9,900
EF-111						
T/AT-37		90		90		
AIRLIFT AIRCRAFT:						
C-5		63,635		63,635		
C-9		9,462		9,462		
C-17A		45,704		45,704		
C-21		59,938		59,938		
C-22		180		180		
C-STOL						
C-137						
C-141		33,412		33,412		
TRAINER AIRCRAFT:						
T-1		7,739		7,739		
T-3 (EFS) AIRCRAFT		95		95		
T-38		53,570		53,570		
T-41 AIRCRAFT		95		95		
T-43		2,233		2,233		
OTHER AIRCRAFT:						
KC-10A (ATCA)		43,710		43,710		
C-12		3,820		3,820		
C-18		354		354		
C-20 MODS		6,610		6,610		
VC-25A MOD		7,424		7,424		
C-130		119,592		119,592		
C-135		291,070		381,070		+ 90,000
DARP		139,242		83,942		- 55,300
E-3		114,181		114,181		
E-4		13,987		9,317		- 4,670
E-8		44,179		50,179		+ 6,000
H-1		1,911		1,911		
H-60		17,224		17,224		
OTHER AIRCRAFT		17,702		17,702		
PREDATOR MODS		3,469		3,469		
OTHER MODIFICATIONS:						
CLASSIFIED PROJECTS		7,517		7,517		
PASSENGER SAFETY MODIFICATIONS				50,000		+ 50,000
TOTAL, MODIFICATION OF INSERVICE AIRCRAFT						
.....		1,736,388		1,849,518		+ 113,130
AIRCRAFT SPARES AND REPAIR PARTS: SPARES AND REPAIR PARTS						
.....		524,829		551,829		+ 27,000
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES:						
COMMON SUPPORT EQUIPMENT						
POST PRODUCTION SUPPORT:						
A-10		11,414		11,414		
B-2A		189,869		159,869		- 30,000
C-5		28,502		28,502		
F-15 POST PRODUCTION SUPPORT		7,851		7,851		
F-16 POST PRODUCTION SUPPORT		27,289		27,289		
INDUSTRIAL PREPAREDNESS		19,109		19,109		
WAR CONSUMABLES		49,396		49,396		
MISC PRODUCTION CHARGES		221,464		210,564		- 10,900
COMMON ECM EQUIPMENT		4,963		4,963		
DARP		152,113		152,113		
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
.....		864,079		823,179		- 40,900

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ECONOMIC ASSUMPTIONS						
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE ...		7,756,475		7,967,023		+ 210,548

COMMITTEE RECOMMENDED ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification; or can be deferred without adversely affecting program activities.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
JPATS	107,086	97,186	– 9,900
Other Government cost growth		– 4,000	– 4,000
Ground-based training system [GBTS] program delays		– 15,000	– 15,000
Three additional aircraft ¹		9,100	+ 9,100
B–1B	91,614	58,514	– 33,100
Towed decoy procurement		– 33,100	– 33,100
B–2A	189,869	159,869	– 30,000
Software investment		– 20,000	– 20,000
Initial spares		– 10,000	– 10,000
Miscellaneous production charges	221,464	210,564	– 10,900
Global positioning system user equipment production testing		– 3,000	– 3,000
GPS undefined test hardware		– 2,700	– 2,700
Program reduction		– 5,200	– 5,200

¹ Program adjustment recommended as described under the heading “Authorization adjustments.”

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Air Force to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Air Force.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Small VCX		79,600	+ 79,600
Two CINC support aircraft		79,600	+ 79,600
B–52	38,308	48,608	+ 10,300
Modifications for 94 aircraft fleet		10,300	+ 10,300
F–16	229,319	239,219	+ 9,900

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Digital terrain system [DTS]		5,900	+ 5,900
600 gallon tanks		4,000	+ 4,000
C-135	291,070	381,070	+ 90,000
Eight reengining modifications with leased engines		90,000	+ 90,000
DARP	139,242	83,942	- 55,300
Theater airborne warning sensor [TAWS]		2,000	+ 2,000
RC-135 reengining procurement reduction ¹		- 57,300	- 57,300
E-8	44,179	50,179	+ 6,000
Multiservice data link for JSTARS		6,000	+ 6,000
Passenger safety modifications		50,000	+ 50,000
Aircraft safety modifications		50,000	+ 50,000
Spares and repair parts	524,829	551,829	+ 27,000
WC-130J modifications		27,000	+ 27,000

¹ Program reduction based on transfer to the C-135 reengining lease initiative as described elsewhere in this report.

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
C-130J	63,782	30,000	- 33,782
C-130J aircraft trainer		30,000	+ 30,000
Active aircraft reduction ¹		- 63,782	- 63,782
WC-130		75,400	+ 75,400
One WC-130J aircraft		75,400	+ 75,400
F-15	196,579	236,579	+ 40,000
F-15 "E" engine kits		25,000	+ 25,000
ALQ-135 band 1.5 low rate initial procurement		15,000	+ 15,000

¹ Program reduction to transfer C-130 procurement funds to the "National Guard and Reserve equipment" account.

C-135.—The Committee has provided \$90,000,000 to initiate a program for reengining 707-based aircraft with leased engines. The Committee understands that there are a number of commercial engines which could enhance the capability, improve the performance, and lower the maintenance costs of 707-based aircraft. The Committee also understands that the existing strong market for such commercial engines may permit DOD to lease these engines at favorable rates and with little or no lease termination liability. Accelerated reengining through leasing will allow DOD to realize substantial operations and maintenance cost savings on 707 platforms.

The Committee directs that the \$90,000,000 increase shall be available only to initiate a competitive program to modify 135-series aircraft and install leased engines. The Committee believes that the funds provided may permit eight aircraft to be modified and reengined. The Committee directs that at least two of the modified aircraft be RC-135 Rivet Joints. The Committee has also recommended a reduction of \$57,300,000 in the Defense Airborne

Reconnaissance Program to shift the budgeted Rivet Joint reengining procurement into this new leasing program.

Theater airborne warning sensor [TAWS].—The Committee recommendation provides \$2,000,000 to complete testing and document the results of the TAWS demonstration effort. At the direction of the Congress, the Department of Defense reevaluated the need for airborne infrared detection and tracking of theater ballistic missiles. Based on this analysis, DOD concluded that the airborne warning and control system [AWACS] Eagle and Rivet Joint TAWS efforts should be brought to an orderly termination with the results transferred to the Airborne Laser [ABL] Program, a system which inherently provides this detection capability.

The Committee endorses the Department of Defense conclusion on airborne infrared system requirements. Since DOD completed its assessment, development efforts have proceeded successfully on a new generation of ballistic missile warning sensors. Every Aegis ship can now detect and track theater ballistic missiles, providing a more accurate estimate of the launch point and impact point than TAWS. Furthermore, Aegis radar can track these missiles in all weather conditions, while infrared systems cannot. Indeed, at the recent Willow Dune ballistic missile launch exercise involving a variety of tracking sensors, TAWS was the only sensor not to detect the ballistic missile target. The space-based infrared system high component [SBIRS-High] will dramatically enhance our global ability to provide infrared surveillance of theater and strategic ballistic missile launches. Finally, the availability of upgraded Patriot advanced capability 3 [PAC-3] missile radars and THAAD ground-based radars [GBR] have significantly advanced the Pentagon's ground-based missile tracking capability. Thus, the Committee endorses bringing the TAWS Program to an orderly conclusion and transferring any lessons learned to the ABL Program.

B-1B modifications.—The Committee recommendation deletes \$33,100,000 budgeted for procurement of the ALE-50 towed decoy systems [TDS] for the B-1B aircraft fleet. Consistent with the observations contained in the "Procurement of Product Improvements," the Committee believes these purchases should be deferred. The Committee urges the Defense Department to proceed with the block F upgrade which will install a more capable fiber optic towed decoy [FOTD].

Commander in Chief [CINC] support aircraft.—The Committee recommendation provides \$79,600,000 to purchase two C-37 aircraft for use as CINC support aircraft. The Committee addresses this issue further in the O&M, Air Force section of this report.

Onboard oxygen generating system [OBOGS].—The Committee now understands that OBOGS installations on the F-117 are under consideration. The maturity of the technology, the availability of several nondevelopmental candidates, and the accelerated implementation cost payback through O&M savings justify early OBOGS installations. The Air Force is directed to fund and conduct a 4-year nondevelopmental OBOGS installation program for the Active and Reserve inventory of F-16, A-10, and F-117 aircraft starting in fiscal year 2001. The Committee further directs the Air Force to consider the benefits of maintaining maximum OBOGS hardware commonality in these installations. Given the availability

of mature OBOGS technology, the Committee believes the Air Force can develop or implement its OBOGS installation plans without further R&D expenditures, except as minimally required for unique aircraft integration and test purposes.

In addition, having already developed and initiated the production of OBOGS for the T-6A trainer, the Air Force is directed to exploit the benefits of hardware commonality through the installation of T-6A-common OBOGS on the T-38 trainer starting in fiscal year 2001. Finally, the Air Force should assess whether inclusion of OBOGS installation provisions are appropriate during the T-38 avionics upgrade program.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 1998	\$2,394,202,000
Budget estimate, 1999	2,359,803,000
Committee recommendation	2,219,299,000

The Committee recommends an appropriation of \$2,219,299,000 for the "Missile procurement, Air Force" account for fiscal year 1999. This recommendation is \$140,504,000 below the budget request.

This appropriation provides financing for the construction, procurement, and modification of missiles, rockets, spacecraft, and related equipment, including investment and repair parts, ground-handling equipment, and training devices; and the expansion of public and private plants, Government-owned equipment, and installations.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MISSILE PROCUREMENT, AIR FORCE						
BALLISTIC MISSILES: MISSILE REPLACEMENT EQ-BALLISTIC		5,654		5,654		
OTHER MISSILES:						
STRATEGIC:						
HAVE NAP						
ADVANCED CRUISE MISSILE		1,395		1,395		
TACTICAL:						
JOINT STANDOFF WEAPON	100	52,142	100	52,142		
AMRAAM	180	114,627	180	87,323		-27,304
AGM-130 POWERED GBU-15		341		341		
TARGET DRONES		36,263		26,263		-10,000
INDUSTRIAL FACILITIES		3,152		3,152		
TOTAL, OTHER MISSILES		207,920		170,616		-37,304
MODIFICATION OF INSERVICE MISSILES:						
CLASS IV:						
CONVENTIONAL ALCM		10,034		10,034		
PEACEKEEPER (M-X)		9,615		9,615		
MM III MODIFICATIONS		90,618		120,618		+30,000
AGM-65H MAVERICK						

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AGM-88C HARM						
MODIFICATIONS UNDER \$2.0M		219		219		
TOTAL, MODIFICATION OF INSERVICE MISSILES		110,486		140,486		+ 30,000
MISSILE SPARES + REPAIR PARTS: SPARES AND REPAIR PARTS		38,047		38,047		
OTHER SUPPORT:						
SPACE PROGRAMS:						
SPACEBORNE EQUIP (COMSEC)		9,485		9,485		
GLOBAL POSITIONING (MYP) SPACE		97,395		97,395		
GLOBAL POSITIONING (MYP) SPACE (AP-CY) ..		77,400		77,400		
NUDET DETECTION SYSTEM		2,949		2,949		
INERTIAL UPPER STAGES SPACE		48,012		37,812		- 10,200
TITAN SPACE BOOSTERS SPACE		578,540		548,540		- 30,000
MEDIUM LAUNCH VEHICLE SPACE	5	188,406	5	188,406		
MEDIUM LAUNCH VEHICLE SPACE (AP-CY)						
DEF METEOROLOGICAL SAT PROG SPACE		36,066		36,066		
DEFENSE SUPPORT PROGRAM SPACE		89,904		89,904		
DEFENSE SATELLITE COMM SYSTEM SPACE		28,969		28,969		
SPECIAL PROGRAMS:						
SPECIAL UPDATE PROGRAMS		224,299		131,299		- 93,000
SPECIAL PROGRAMS		616,271		616,271		
TOTAL, OTHER SUPPORT		1,997,696		1,864,496		- 133,200
ECONOMIC ASSUMPTIONS						
TOTAL, MISSILE PROCUREMENT, AIR FORCE		2,359,803		2,219,299		- 140,504

COMMITTEE RECOMMENDED ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are excess to firm program requirements based on delays in the release of prior-year funds; late contract efforts; slow execution of prior-year funds; differences between the budget request and the actual program plans; or are lower priority relative to other programs.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
AMRAAM	114,627	87,327	- 27,300
Target drones	36,263	26,263	- 10,000
Inertial upper stages space	48,012	37,812	- 10,200
Titan space boosters space	578,540	548,540	- 30,000

Advanced-medium-range air-to-air missile [AMRAAM].—The Committee recommends a reduction to the AMRAAM missile based on a recommendation from the GAO concerning savings in production resulting from the merger of Raytheon and Hughes missile systems companies.

Inertial upper stages space.—The Committee recommends a reduction based on a recommendation from the GAO that integration

and launch support and engineering change order costs are lower than previously estimated.

Titan space boosters.—The Committee recommends a reduction based on the Air Force decision to move from a 40 vehicle to a 39 vehicle buy as well as savings due to renegotiated contract costs for the entire Titan IV program.

Target drones.—The Committee recommends a reduction to target drones based on an Air Force decision to revise requirements and procurement plans for aerial targets since the submission of the budget.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
MM III modifications	90,618	120,618	+ 30,000

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 1998	\$395,534,000
Budget estimate, 1999	384,161,000
Committee recommendation	384,161,000

This appropriation finances the acquisition of ammunition, modifications, spares, weapons, and other ammunition-related items for the Air Force.

The Committee recommends an appropriation of \$384,161,000 for the "Procurement of ammunition, Air Force" account for fiscal year 1999.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT OF AMMUNITION, AIR FORCE						
PROCUREMENT OF AMMO, AIR FORCE:						
ROCKETS:						
2.75 INCH ROCKET MOTOR	6,139	3,399	6,139	3,399	.....	.....
2.75 INCH ROCKET HEAD SIGNATURE .....	.....	.....	.....	.....	.....	.....
2.75 INCH ROCKET, FLARE IR	2,530	2,693	2,530	2,693	.....	.....
ITEMS LESS THAN \$2,000,000 .....	.....	2,042	.....	2,042	.....	.....
CARTRIDGES:						
5.56 MM	20,026	5,394	20,026	5,394	.....	.....
20 MM TRAINING .....	.....	.....	.....	.....	.....	.....
30 MM TRAINING	769	5,495	769	5,495	.....	.....
CARTRIDGE CHAFF RR-180	795	11,661	795	11,661	.....	.....

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
CARTRIDGE CHAFF RR-188	876	2,548	876	2,548	.....	.....
SIGNAL MK-4 MOD 3	260	760	260	760	.....	.....
ITEMS LESS THAN \$2,000,000		5,447		5,447	.....	.....
BOMBS:						
MK-82 INERT/BDU-50	29,368	22,490	29,368	22,490	.....	.....
GBU-28 HARD TARGET PENETRATOR	163	24,256	163	24,256	.....	.....
GBU-37	10	977	10	977	.....	.....
BOMB PRACTICE 25 POUND	266,801	3,842	266,801	3,842	.....	.....
2000 LB HE BOMB MK-84	1,928	9,391	1,928	9,391	.....	.....
MK-84 BOMB-EMPTY	2,894	7,138	2,894	7,138	.....	.....
SENSOR FUZED WEAPON	295	125,992	295	125,992	.....	.....
JOINT DIRECT ATTACK MUNITION	2,187	53,157	2,187	53,157	.....	.....
WIND CORRECTED MUNITIONS DISPENSER	676	13,862	676	13,862	.....	.....
ITEMS LESS THAN \$2,000,000		2,149		2,149	.....	.....
ITEMS LESS THAN \$2,000,000:						
FLARE, IR MJU-7B:						
ASTE (INFRARED EXPENDABLE)	34,154	4,886	34,154	4,886	.....	.....
FLARE, IR MJU-7B	355,826	8,882	355,826	8,882	.....	.....
MJU-10B	198,602	10,373	198,602	10,373	.....	.....
M-206 CARTRIDGE FLARE	881,944	11,430	881,944	11,430	.....	.....
CAD/PAD		14,275		14,275	.....	.....
LUU-19 FLARE	3,926	4,338	3,926	4,338	.....	.....
REPLENISHMENT SPARES		1,896		1,896	.....	.....
MODIFICATIONS		49		49	.....	.....
ITEMS LESS THAN \$2,000,000		4,447		4,447	.....	.....
FUZES: JOINT PROGRAMMABLE FUZE (JPF)	3,861	15,326	3,861	15,326	.....	.....
TOTAL, AMMUNITION		378,595		378,595	.....	.....
WEAPONS:						
SMALL ARMS:						
M-16 A2 RIFLE		4,450		4,450	.....	.....
9MM COMPACT PISTOL	345	232	345	232	.....	.....
M-9 PISTOL	1,576	767	1,576	767	.....	.....
ITEMS LESS THAN \$2,000,000		117		117	.....	.....
TOTAL, WEAPONS		5,566		5,566	.....	.....
ECONOMIC ASSUMPTIONS .....					.....	.....
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE		384,161		384,161	.....	.....

OTHER PROCUREMENT, AIR FORCE

Appropriations, 1998	\$6,592,909,000
Budget estimate, 1999	6,974,387,000
Committee recommendation	6,904,164,000

The Committee recommends an appropriation of \$6,904,164,000 for the "Other procurement, Air Force" account for fiscal year 1999. The recommendation is a decrease of \$70,223,000 from the budget request.

This appropriation provides for the procurement of weapons systems and equipment other than aircraft and missiles. Included are munitions, other weapons, the leasing of vehicles, electronic and

telecommunications systems for command and control of operational forces, and ground support equipment for weapons systems and supporting structure.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OTHER PROCUREMENT, AIR FORCE						
VEHICULAR EQUIPMENT:						
PASSENGER CARRYING VEHICLES:						
SEDAN, 4 DR 4X2	54	780	54			- 780
STATION WAGON, 4X2	22	413				- 413
BUSES	92	5,174			- 92	- 5,174
AMBULANCES	4	306			- 4	- 306
LAW ENFORCEMENT VEHICLE	95	1,817	95	1,817		
ARMORED SEDAN	1	239	1			- 239
CARGO + UTILITY VEHICLES:						
TRUCK, CARGO-UTILITY, 3/4T, 4X4	225	6,160			- 5	- 6,160
TRUCK, CARGO-UTILITY, 1/2T, 4X2	104	2,612				- 2,612
TRUCK, PICKUP, 1/2T, 4X2	222	3,379				- 3,379
TRUCK, PICKUP, COMPACT	196	2,445				- 2,445
TRUCK MULTI-STOP 1 TON 4X2	315	8,708	315	8,708		
TRUCK CARRYALL	160	3,898	160	3,898		
COMMERCIAL UTILITY CARGO VEHICLE						
FAMILY MEDIUM TACTICAL VEHICLES						
HIGH MOBILITY VEHICLE (MYP)	75	4,172	75	4,172		
TRUCK TRACTOR, OVER 5T	55	3,611	55	3,611		
TRUCK, UTILITY	124	3,347			- 124	- 3,347
CAP VEHICLES		744		744		
ITEMS LESS THAN \$2,000,000		3,843		3,843		
SPECIAL PURPOSE VEHICLES:						
HMMWV, ARMORED						
TRACTOR, TOW, FLIGHTLINE	279	8,001	279	8,001		
ITEMS LESS THAN \$2,000,000		12,680		12,680		
FIRE FIGHTING EQUIPMENT:						
TRUCK CRASH P-19	13	6,023	13	6,023		
ITEMS LESS THAN \$2,000,000		2,287		2,287		
MATERIALS HANDLING EQUIPMENT:						
TRUCK, F/L 6,000 LB	84	2,328	84	2,328		
TRUCK, F/L 10,000 LB	56	4,295	56	4,295		
60K A/C LOADER	60	89,179	60	89,179		
ITEMS LESS THAN \$2,000,000		3,200		3,200		
BASE MAINTENANCE SUPPORT:						
TRUCK, DUMP						
RUNWAY SNOW REMOVAL AND CLEANING						
EQUIP	41	3,928	41	3,928		
MODIFICATIONS		900		900		
ITEMS LESS THAN \$2,000,000		7,663		7,663		
TOTAL, VEHICULAR EQUIPMENT		192,132		167,277		- 24,855
ELECTRONICS AND TELECOMMUNICATIONS EQUIP:						
COMM SECURITY EQUIPMENT (COMSEC):						
COMSEC EQUIPMENT		30,311		30,311		
MODIFICATIONS (COMSEC)		487		487		
INTELLIGENCE PROGRAMS:						
INTELLIGENCE DATA HANDLING SYS		17,574		17,574		
INTELLIGENCE TRAINING EQUIPMENT		5,735		5,735		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
INTELLIGENCE COMM EQUIP		5,697		5,697		
ELECTRONICS PROGRAMS:						
AIR TRAFFIC CTRL/LAND SYS (ATCAL)	2		16,000		+2	+16,000
NATIONAL AIRSPACE SYSTEM		45,308		45,308		
THEATER AIR CONTROL SYS IMPROVEMENT ..		30,002		30,002		
WEATHER OBSERV/FORECAST		18,581		18,581		
STRATEGIC COMMAND AND CONTROL		10,848		10,848		
CHEYENNE MOUNTAIN COMPLEX		896		896		
TAC SIGINT SUPPORT		1,883		1,883		
SPECIAL COMM-ELECTRONICS PROJECTS:						
AUTOMATIC DATA PROCESSING EQUIP		33,190		33,190		
AF GLOBAL COMMAND & CONTROL SYS		5,819		5,819		
MOBILITY COMMAND AND CONTROL		7,844		7,844		
AIR FORCE PHYSICAL SECURITY SYSTEM		26,965		26,965		
COMBAT TRAINING RANGES		13,194		13,194		
MINIMUM ESSENTIAL EMERGENCY COMM NET		1,545		1,545		
FORCE PROTECTION/ANTI-TERRORISM						
C ³ COUNTERMEASURES		10,228		17,728		+7,500
JOINT SURVEILLANCE SYSTEM		11,137				-11,137
BASE LEVEL DATA AUTO PROGRAM		28,876		27,000		-1,876
THEATER BATTLE MGT C2 SYS		44,654		44,654		
AIR FORCE COMMUNICATIONS:						
INFORMATION TRANSMISSION SYSTEMS		10,792		10,792		
BASE INFORMATION INFRASTRUCTURE		159,383		158,383		-1,000
USCENTCOM		4,458		4,458		
AUTOMATED TELECOMMUNICATIONS PRG		14,884		14,884		
DISA PROGRAMS:						
NAVSTAR GPS SPACE		1,447		1,447		
DEFENSE METEOROLOGICAL SAT PROG SPACE		10,735		10,735		
NUDET DETECTION SYS (NDS) SPACE		1,278		1,278		
AF SATELLITE CONTROL NETWORK SPACE		26,007		26,007		
EASTERN/WESTERN RANGE I&M SPACE		93,848		93,848		
MILSATCOM SPACE		28,233		28,233		
SPACE MODS SPACE		7,917		7,917		
ORGANIZATION AND BASE:						
TACTICAL C-E EQUIPMENT		31,064		31,064		
COMBAT SURVIVOR/EVADER LOCATER RADIO		13,757		13,757		
RADIO EQUIPMENT		12,203		12,203		
TV EQUIPMENT (AFRTV)		1,984		1,984		
CCTV/AUDIOVISUAL EQUIPMENT		3,195		3,195		
BASE COMM INFRASTRUCTURE		27,829		27,829		
CAP COM & ELECT		378		378		
ITEMS LESS THAN \$2,000,000		7,106		7,106		
MODIFICATIONS: COMM ELECT MODS		57,701		57,701		
TOTAL, ELECTRONICS AND TELECOMMUNI- CATIONS EQUIP		864,973		874,460		+9,487
OTHER BASE MAINTENANCE AND SUPPORT EQUIP:						
TEST EQUIPMENT:						
BASE/ALC CALIBRATION PACKAGE		11,021		11,021		
PRIMARY STANDARDS LABORATORY PACK- AGE		1,064		1,064		
ITEMS LESS THAN \$2,000,000		6,706		6,706		
PERSONAL SAFETY AND RESCUE EQUIP:						
NIGHT VISION GOGGLES		8,118		8,118		
ITEMS LESS THAN \$2,000,000		3,528		3,528		
DEPOT PLANT + MATERIALS HANDLING EQ:						
MECHANIZED MATERIAL HANDLING EQUIP		14,516		14,516		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ITEMS LESS THAN \$2,000,000		4,124		4,124		
ELECTRICAL EQUIPMENT:						
GENERATORS-MOBILE ELECTRIC		1,411		1,411		
FLOODLIGHTS		10,714		10,714		
ITEMS LESS THAN \$2,000,000		2,356		2,356		
BASE SUPPORT EQUIPMENT:						
BASE PROCURED EQUIPMENT		5,644		5,644		
MEDICAL/DENTAL EQUIPMENT		8,703		8,703		
ENVIRONMENTAL PROJECTS		973		973		
AIR BASE OPERABILITY		5,363		12,363		+ 7,000
PALLET AIR CARGO		2,001		2,001		
NET ASSEMBLY, 108 INCH X 88 INCH		1,916		1,916		
BLADDERS FUEL		1,329		1,329		
AERIAL BULK FUEL DELIVERY SYSTEM		4,320		4,320		
PHOTOGRAPHIC EQUIPMENT		5,576		5,576		
PRODUCTIVITY INVESTMENTS		12,304		12,304		
MOBILITY EQUIPMENT		35,973		35,973		
DEPLOYMENT/EMPLOYMENT CONTAINERS		2,258		2,258		
AIR CONDITIONERS		10,668		10,668		
ITEMS LESS THAN \$2,000,000		16,844		16,844		
SPECIAL SUPPORT PROJECTS:						
INTELLIGENCE PRODUCTION ACTIVITY		72,605		72,605		
TECH SURV COUNTERMEASURES EQ		2,035		2,035		
DARP RC135		12,656		12,656		
DARP, MRIGS		79,613		79,613		
SELECTED ACTIVITIES		5,322,644		5,256,344		- 66,300
SPECIAL UPDATE PROGRAM		179,813		179,813		
INDUSTRIAL PREPAREDNESS		1,162		1,162		
MODIFICATIONS		170		170		
FIRST DESTINATION TRANSPORTATION		16,442		16,000		- 442
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP		5,864,570		5,804,828		- 59,742
SPARE AND REPAIR PARTS:						
SPARES AND REPAIR PARTS		52,712		52,712		
VEHICLE LEASES				4,887		+ 4,887
ECONOMIC ASSUMPTIONS						
CIVIL AIR PATROL						
TOTAL, OTHER PROCUREMENT, AIR FORCE		6,974,387		6,904,164		- 70,223

COMMITTEE RECOMMENDED ADJUSTMENTS

The Committee recommends incorporating the following adjustment reflect congressional priorities; to implement increases endorsed and/or requested by the Air Force to address budget short-falls.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Sedan, 4 dr 4x2	780		- 780
Station wagon, 4x2	413		- 413
Buses	5,174		- 5,174
Ambulances	306		- 306
Armored sedan	239		- 239
Truck, cargo-utility, 3/4T, 4x4	6,160		- 6,160

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Truck, cargo-utility, 1/2T, 4x2	2,612	.....	- 2,612
Truck, pickup, 1/2T, 4x2	3,379	.....	- 3,379
Truck, pickup, compact	2,445	.....	- 2,445
Truck, utility	3,347	.....	- 3,347
Air traffic ctrl/land system [ATCALs] .....	.....	16,000	+ 16,000
C ³ countermeasures	10,228	17,728	+ 7,500
Joint surveillance system	11,137	.....	- 11,137
Base Level Data Auto Program	28,876	27,000	- 1,876
Base information infrastructure	159,383	158,383	- 1,000
Air base operability	5,363	12,363	+ 7,000
First destination transport	16,442	16,000	- 442
Vehicle leases .....	.....	4,887	+ 4,887

Mobile radar approach control [MRAC].—The Committee recommends an increase of \$16,000,000 to air traffic control land systems only for the procurement of two MRAC systems for the Air National Guard.

Secure terminal equipment [STE].—The Committee recommends an increase of \$7,500,000 in C³ countermeasures for the procurement of only the STE.

Spares information system.—The Committee recommends an increase of \$3,000,000 in air base operability for the procurement of the spares information system for Hill Air Force Base. This system manages the workflow associated with modifying, reviewing, routing, and approving parts data for procurement.

Supply asset tracking system [SATS].—The Committee recommends an increase of \$4,000,000 in air base operability. The supply asset tracking system provides visibility of supplies from receipt to final issue. The increase is only for the procurement of SATS.

PROCUREMENT, DEFENSE-WIDE

Appropriations, 1998	\$2,106,444,000
Budget estimate, 1999	2,041,650,000
Committee recommendation	1,932,250,000

The Committee recommends an appropriation of \$1,932,250,000 for the “Procurement, defense-wide” account for fiscal year 1999, a decrease of \$109,400,000 from the budget request. This appropriation provides for procurement of capital equipment for the Office of the Secretary of Defense, the Defense Special Weapons Agency, the Defense Information Systems Agency, the Defense Logistics Agency, the Defense Investigative Service, the Defense Contract Audit Agency, the Defense Support Project Office, the Joint Staff, the On-Site Inspection Agency, the Defense Commissary Agency, special operations forces, chemical biological defense activities, and other classified and unclassified activities of the Department of Defense. The program includes procurement of automatic data processing equipment, mechanized material handling systems, the lease of general and special purpose vehicles, supplies, spare parts, communications equipment, expansion of public and private plants, acquisition of land, and for other purposes.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the President's budget:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT, DEFENSE-WIDE						
MAJOR EQUIPMENT:						
MAJOR EQUIPMENT, OSD/WHS:						
MOTOR VEHICLES		302		302		
MAJOR EQUIPMENT, OSD		100,245		100,245		
MAJOR EQUIPMENT, WHS		28,123		28,123		
ARMED FORCE INFORMATION SERVICE		5,456		5,456		
DEPARTMENT OF DEFENSE EDUCATION ACTIVITY		1,590		1,590		
DEFENSE TECHNOLOGY SECURITY ADMINISTRATION						
DARP		77,435		77,435		
MAJOR EQUIPMENT, NSA: DEFENSE AIRBORNE RECONNAISSANCE PROGRAM		11,988		11,988		
MAJOR EQUIPMENT, DSWA:						
VEHICLES						
OTHER MAJOR EQUIPMENT						
MAJOR EQUIPMENT, DISA:						
MOBILE SATELLITE SYSTEM TECHNOLOGIES		7,932		7,932		
INFORMATION SYSTEMS SECURITY		18,364		18,364		
CONTINUITY OF OPERATIONS		4,060		4,060		
DEFENSE MESSAGE SYSTEM		43,372		43,372		
GLOBAL COMMAND AND CONTROL SYSTEM		4,379		4,379		
GLOBAL COMBAT SUPPORT SYSTEM		6,711		6,711		
STANDARD TACTICAL ENTRY POINT		11,956		11,956		
PLANS & PROGRAM ANALYSIS SUPPORT CENTER						
ITEMS LESS THAN \$2 MILLION		14,383		14,383		
MAJOR EQUIPMENT, DLA:						
DEFENSE SUPPORT ACTIVITIES		68,682		88,682		+ 20,000
AUTOMATIC DOCUMENT CONVERSION SYSTEM						
MAJOR EQUIPMENT, DSS:						
VEHICLES	267	3,200	267	3,200		
OTHER CAPITAL EQUIPMENT		1,582		1,582		
MAJOR EQUIPMENT, DCAA: ITEMS LESS THAN \$2 MILLION						
		3,667		3,667		
MAJOR EQUIPMENT, DSPO: MAJOR EQUIPMENT, DSPO						
		16,214		16,214		
MAJOR EQUIPMENT, TJS: MAJOR EQUIPMENT, TJS						
		33,536		33,536		
ON-SITE INSPECTION AGENCY: OTHER CAPITAL EQUIPMENT						
BALLISTIC MISSILE DEFENSE ORGANIZATION:						
PATRIOT PAC-3	60	343,235		192,735	- 60	- 150,500
C4I		22,827		22,827		
NAVY AREA TBDM PROGRAM	21	43,318	21	43,318		
BMC3						
DEFENSE COMMISSARY AGENCY: EQUIPMENT						
DEF THREAT RED & TREATY COMP AGCY:						
VEHICLES		134		134		
OTHER MAJOR EQUIPMENT		29,029		29,029		
DEFENSE SECURITY ASSISTANCE AGENCY: OTHER MAJOR EQUIPMENT						
		73		73		
TOTAL, MAJOR EQUIPMENT		901,793		771,293		- 130,500

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SPECIAL OPERATIONS COMMAND:						
AVIATION PROGRAMS:						
SOF ROTARY WING UPGRADES		46,990		46,990		
SOF TRAINING SYSTEMS		6,053		6,053		
CV-22 SOF MODIFICATION		3,983		3,983		
MC-130H COMBAT TALON II		18,985		18,985		
AC-130U GUNSHIP ACQUISITION		28,600		28,600		
C-130 MODIFICATIONS		58,359		63,359		+ 5,000
OH-6 PROCUREMENT & MODIFICATIONS						
AIRCRAFT SUPPORT		878		878		
SHIPBUILDING:						
PC,CYCLONE CLASS						
ADVANCED SEAL DELIVERY SYSTEM (ASDS)		10,251		10,251		
ADVANCED SEAL DELIVERY SYSTEM (ASDS) (AP-CY)		293		293		
MK VIII MOD 1—SEAL DELIVERY VEHICLE		589		589		
SUBMARINE CONVERSION		5,990		5,990		
MK V SPECIAL OPERATIONS CRAFT (MK V SOC)						
AMMUNITION PROGRAMS:						
SOF ORDNANCE ACQUISITION		15,707		21,707		+ 6,000
SOF ORDNANCE REPLENISHMENT		28,784		28,784		
REMOTE ACTIVATION MUNITION SYSTEMS						
OTHER PROCUREMENT PROGRAMS:						
MARITIME EQUIPMENT MODIFICATIONS		26,012		26,012		
NAVAL SPECIAL WARFARE RIGID INFLATABLE BOAT		15,606		15,606		
SPARES AND REPAIR PARTS		40,237		40,237		
COMM EQUIPMENT & ELECTRONICS		68,064		68,064		
SOF INTELLIGENCE SYSTEMS		19,148		19,148		
SOF SMALL ARMS & WEAPONS		15,421		15,421		
SOF MARITIME EQUIPMENT		2,060		2,060		
SOLDIER ENHANCEMENT PROGRAM						
MISCELLANEOUS EQUIPMENT		9,714		9,714		
SOF PLANNING AND REHEARSAL SYSTEM		1,027		1,027		
CLASSIFIED PROGRAMS		73,991		84,091		+ 10,100
PSYOP EQUIPMENT		9,518		9,518		
TOTAL, SPECIAL OPERATIONS COMMAND		506,260		527,360		+ 21,100
CHEMICAL/BIOLOGICAL DEFENSE:						
CBDP:						
INDIVIDUAL PROTECTION		128,423		128,423		
DECONTAMINATION		10,982		10,982		
JOINT BIO DEFENSE PROGRAM		27,847		27,847		
COLLECTIVE PROTECTION		20,452		20,452		
CONTAMINATION AVOIDANCE		96,199		96,199		
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE		283,903		283,903		
CLASSIFIED PROGRAMS		349,694		349,694		
ECONOMIC ASSUMPTIONS						
TOTAL, PROCUREMENT, DEFENSE-WIDE		2,041,650		1,932,250		- 109,400

COMMITTEE RECOMMENDED ADJUSTMENTS

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Defense support activities	68,682	88,682	+ 20,000
Automated document conversion systems		20,000	+ 20,000
Patriot PAC-3	343,235	192,735	- 150,500
C-130 modifications; silent shield	58,359	63,359	+ 5,000
SOF ordnance acquisition; RAMS	15,707	21,707	+ 6,000
Remote activation munition systems		6,000	+ 6,000
Classified programs	73,991	84,091	+ 10,100

Patriot advanced capability 3 [PAC-3].—The Committee provides \$192,735,000, a decrease of \$150,500,000 to the budget request for Patriot PAC-3 procurement. The reduction deletes \$100,800,000 for the planned low rate initial procurement [LRIP] of 60 PAC-3 missiles, \$15,000,000 for initial spares, \$19,700,000 for nonrecurring tooling, and \$15,000,000 for production support.

The PAC-3 program's first intercept test has been delayed at least 10 months relative to the fiscal year 1998 program schedule. However, the Committee is encouraged by the PAC-3 program's measured and thorough ground testing efforts which will, hopefully, pay dividends when the missile begins flight testing. However, because of these delays, the fiscal year 1998 PAC-3 LRIP funds remain available to begin production of PAC-3 missiles. The availability of the fiscal year 1998 LRIP funds make further appropriations for a fiscal year 1999 LRIP premature.

The Committee continues to be concerned about the Ballistic Missile Defense Organization's plans to contract for the manufacture of missile interceptors based on a single intercept flight test. The Committee directs that the fiscal year 1998 PAC-3 LRIP funds may not be obligated until the PAC-3 missile successfully completes three intercept flight tests.

Vehicle leases.—The Committee recommends that funds provided for commercial vehicles are for leases rather than procurement.

Automatic document conversion system.—The Committee recommends an additional \$20,000,000 in major equipment, DLA only for the automated document conversion system [ADCS]. The Committee further directs the Department of Defense to submit a plan to the Committee by February 1, 1999, on the transition of the ADCS Program to service budgets, commencing with the fiscal year 2000 budget submission.

NATIONAL GUARD AND RESERVE EQUIPMENT

Appropriations, 1998	\$653,000,000
Budget estimate, 1999	
Committee recommendation	500,000,000

The Committee recommends a funding level of \$500,000,000 for National Guard and Reserve dedicated equipment. This recommendation is \$500,000,000 above the budget request.

The appropriation for this account includes direction for each Reserve or National Guard component commander to prepare and

submit to the congressional defense committees a detailed assessment of that component's modernization priorities.

The Committee maintains that the Reserves and National Guard should exercise control of funds provided for their modernization in this account. The separate submission of these assessments, directly from the components chiefs to the committees will ensure that the Reserve and National Guard priorities are addressed in the allocation of this appropriation.

COMMITTEE RECOMMENDED PROGRAM

The following tables detail the Committee recommendations in comparison to the President's budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
NATIONAL GUARD & RESERVE EQUIPMENT						
RESERVE EQUIPMENT:						
ARMY RESERVE: MISCELLANEOUS EQUIPMENT				45,000		+ 45,000
NAVY RESERVE:						
MISCELLANEOUS EQUIPMENT				25,000		+ 25,000
C-9 REPLACEMENT				40,000		+ 40,000
MARINE CORPS RESERVE: MISCELLANEOUS EQUIPMENT						
				30,000		+ 30,000
AIR FORCE RESERVE: MISCELLANEOUS EQUIPMENT						
				35,000		+ 35,000
TOTAL, RESERVE EQUIPMENT				175,000		+ 175,000
NATIONAL GUARD EQUIPMENT:						
ARMY NATIONAL GUARD: MISCELLANEOUS EQUIPMENT						
				72,000		+ 72,000
AIR NATIONAL GUARD:						
MISCELLANEOUS EQUIPMENT				40,000		+ 40,000
EC-130J	1			85,000	+ 1	+ 85,000
C-130J	2			128,000	+ 2	+ 128,000
TOTAL, NATIONAL GUARD EQUIPMENT				325,000		+ 325,000
TOTAL, NATIONAL GUARD & RESERVE EQUIPMENT				500,000		+ 500,000

COMMITTEE RECOMMENDED ADJUSTMENTS

ARMY RESERVE

Miscellaneous equipment.—The Committee recommends \$45,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Army Reserve units.

NAVY RESERVE

Miscellaneous equipment.—The Committee recommends \$25,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Navy Reserve units.

MARINE CORPS RESERVE

Miscellaneous equipment.—The Committee recommends \$30,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Marine Corps Reserve units.

AIR FORCE RESERVE

Miscellaneous equipment.—The Committee recommends \$35,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Air Force Reserve units.

ARMY NATIONAL GUARD

Miscellaneous equipment.—The Committee recommends \$72,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Army National Guard units.

AIR NATIONAL GUARD

Miscellaneous equipment.—The Committee recommends \$40,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Air National Guard units.

NATIONAL GUARD AND RESERVE AIRCRAFT

The Committee recommends \$253,000,000 for National Guard and Reserve aircraft. Of the recommended funds, \$128,000,000 is provided for two C-130J aircraft, \$85,000,000 is provided for one EC-130 aircraft, and \$40,000,000 for one C-9 replacement aircraft for the Navy Reserve.

Air Force Reserve and Air National Guard.—The Committee recognizes that the Air Force Reserve and Air National Guard units have been fully integrated into the total force and have performed superbly in many contingencies in the past and that it is essential they continue to do so in the future. Therefore, the Committee believes it is important that weapons systems assigned to the Air Reserve Forces be, if not identical, at least comparable to those of the active components. The Committee strongly recommends that the services structure their operational plans and budget submissions reflect this guidance.

ITEMS OF SPECIAL INTEREST

The Committee agrees that the National Guard and Reserve equipment program shall be executed by the heads of the Guard and Reserve components with priority consideration for miscellaneous equipment appropriations given to the following items:

A2 ODS, counterdrug sensor upgrades, ALR-56M radar warning receivers, armored combat earth movers, ATARS MAEO sensors, battlefields sensors [IREMBOSS], Bradley A20D, C-130 modernization, C-130J flight simulators, C-22 replacement, HH-60 combat rescue upgrades, D-7 bulldozers and product improvements, engagement skills trainers, F-15 fighter data link, F-16 sit-

uation awareness data link, F-16 targeting pods, F-16 unit training devices, F-16 midlife update, heavy tactical vehicles, field artillery ammunition support vehicles, KC-135 reengining, LITENING targeting pod system, M88 A2, material handling equipment product improvements, mobile electronic warfare support system, simulators, SINCGARS radios, onboard oxygen generating system, outfitting of the 220th ADA Patriot Battalion, Paladin, theater airborne reconnaissance system [TARS] upgrades, theater deployable communication equipment, UC-35A, UH-1 modernization, vibration management enhancement program, UH-60Q upgrades, WC-130J modifications, P-3 modernization, KITS/LATR upgrades, master cranes, F-16 intermediate avionics shop, medium truck extended service program, and trucks and support equipment for transportation companies.

TITLE IV
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

SUMMARY OF COMMITTEE ACTION

The fiscal year 1999 Department of Defense budget request for research, development, test, and evaluation [RDT&E] totaled \$36,078,577,000. Title IV of the accompanying Senate bill contains \$36,107,571,000, an increase of \$28,994,000 or 0.08 percent, to the budget estimate. The recommended allowance is \$1,783,753,000 below the fiscal year 1998 appropriation for RDT&E in title IV. The following table summarizes the budget estimates and Committee recommendations:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Research, development, test, and evaluation:			
Army	4,780,545	4,891,640	+ 111,095
Navy	8,108,923	8,215,519	+ 106,596
Air Force	13,598,093	13,693,153	+ 95,060
Defense-wide	9,314,665	9,032,908	- 281,757
Director of Test and Evaluation	251,106	249,106	- 2,000
Director of Operational Test and Evaluation	25,245	25,245	.....
Total, title IV, RDT&E	36,078,577	36,107,571	+ 28,994

COMMITTEE RECOMMENDATIONS

The Committee has reflected a number of its funding adjustments in a table format. The Committee directs that the funding increases outlined in the tables which follow shall be provided only for the specific purposes outlined in the table entry.

AIRBORNE RECONNAISSANCE TRANSFER

The reorganization of airborne reconnaissance within the Department of Defense has necessitated a transfer of Defense-wide RDT&E funds to the services. Therefore, in accordance with departmental requests, or as a result of Committee action taken during review of the fiscal year 1999 budget request, the Committee has transferred funds from RDT&E, Defense-Wide, to service RDT&E accounts.

AIR DIRECTED SURFACE-TO-AIR MISSILE [ADSAM] AND AIR DIRECTED
AIR-TO-AIR MISSILE [ADAAM]

The Committee understands that the Department of Defense has been evaluating technologies and operational concepts to support the use of an aircraft-based sensor to perform targeting and fire

control for missiles launched from other aircraft or ground platforms. Experimentation with this concept to date has been insufficient to exploit this capability and to understand the potential impacts on doctrine, command and control, and joint warfighting operations.

The Committee believes that the performance of a number of current DOD missile systems could be enhanced using this airborne fire control concept. Further, the design of systems under development could be affected by exploiting ADSAM and ADAAM technologies. For example, the medium extended air defense system [MEADS] concept might more easily achieve its mobility and performance requirements by incorporating an airborne fire control radar.

The Committee has made a series of recommendations to permit thorough testing and evaluation of this technology through demonstrations. The Committee has included funds in the appropriate accounts to permit the purchase of a limited number of modified Patriot advanced capability 3 [PAC-3] and standard missile block IVA missiles to support live fire testing of this concept. The Committee has also included additional funds to enable the planning, hardware modifications, and conduct of ADSAM and ADAAM experiments.

Finally, the Committee has made reductions to slow the pace of a number of programs which could be affected by the results of ADSAM and ADAAM experiments. Specifically, the Committee has provided lower appropriations for MEADS, the Joint Land Attack Elevated Netted Sensor [JLENS] Program, and related activities.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY

Appropriations, 1998	\$5,156,507,000
Budget estimate, 1999	4,780,545,000
Committee recommendation	4,891,640,000

The Committee recommends an appropriation of \$4,891,640,000 for the Army's research, development, test, and evaluation programs, an increase of \$111,095,000 to the budget request. The budget activities and programs funded under this appropriation are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

Sensors and electronic survivability.—The Committee continues to support Army evaluation of the projectile detection and cueing program. The Committee is aware that the Army Research Lab [ARL] will receive five systems, one of which will be mounted on a high mobility multipurpose wheeled vehicle [HMMWV]. The Committee also recognizes that the program is in development for participation and evaluation under the Military Operations in Urban Terrain Advanced Concept Technology Demonstration Program. The Committee supports continued development of the system with previously appropriated funds and transition from an ARL effort to an Army Research, Development, and Engineering Center effort in fiscal year 2000 and beyond.

Weapons and munitions technology.—In the Department of Defense Appropriations Act, 1998, the Congress provided \$5,000,000

for development and testing of plastic-cased ammunition. The Committee understands that the Navy and the Special Operations Command have expressed an interest in the potential of this technology to provide lighter ammunition. The Committee directs that fiscal year 1998 funds be released and that the execution of these funds be completed in coordination with the Office of Naval Research.

Environmental quality technology.—The Committee recommends \$51,742,000, an increase of \$37,900,000 above the budget request. The Committee adds \$20,000,000 for pollution prevention research and development initiatives, to be used only for the National Defense Center for Environmental Excellence to perform the materials and processes partnership for pollution prevention [MP⁴] initiative. In addition, the Committee provides \$5,000,000 for the plasma energy pyrolysis system, \$5,400,000 for the Small Business Development Center, \$4,000,000 for agriculturally based bioremediation, and \$3,500,000 for the Radford environmental development and management system. Within the remaining available funds, up to \$5,000,000 is provided to the U.S. Army Construction Engineering Research Laboratory to continue research and development environmental compliance projects using the personnel and technologies available at the WETO facility.

The Committee directs the U.S. Army Chemical Weapons School to work with a uniquely qualified educational institution to assess the ability of biogenic oils to replace petroleum oils to produce obscurant smoke during smoke training. The assessment shall include the chemical and physical characteristics of the produced smoke generated from the state-of-the-art Army equipment. The toxicology and risk assessment will be produced and compared to provide the necessary data for evaluating the relative values to identify the preferable product.

The Committee directs that \$4,000,000 to continue the agriculturally based bioremediation program shall be administered by the U.S. Army Waterways Experiment Station, as program director with overall technical and fiscal management for test, evaluation, and demonstration of remediation technologies. The station shall work with the U.S. Department of Agriculture and military installations in the Pacific to conduct developmental work and project execution as necessary to restore contaminated sites in Pacific Island ecosystems.

Aviation advanced technology.—The Committee provides an increase of \$21,000,000 to conduct a live fire shootoff of the air-to-air Stinger and air-to-air Starstreak missiles as candidates for future procurement as a self-protection air-to-air missile system. This shootoff will be an operational test with combat scenarios conducted from an AH-64D Longbow Apache helicopter against unenhanced targets in clutter to determine which missile provides the shortest time of engagement, highest probability of kill, and greatest ease of operation consistent with the Army's mission needs statement.

Aerostat Joint Program Office.—The Committee recommendation deletes \$58,937,000 from the budget request for the joint land attack elevated netted sensor [JLENS] aerostat-based sensor program. Consistent with the observations outlined in the title IV overview section of this report, the Committee directs that the re-

maining funds be devoted to participation and support of air directed surface-to-air missile [ADSAM] and air directed air-to-air missile [ADAAM] demonstrations and to limited scope JLENS design and development activities. The Committee believes that the ADSAM and ADAAM experimentation will allow the Defense Department to make better informed determinations of airborne sensor requirements, command and control architecture needs, and the balance between aircraft and aerostat based sensors, as well as associated basing and survivability issues.

Force XXI Warfighting Rapid Acquisition Program [WRAP].—The Committee provides \$69,528,000, a decrease of \$30,000,000 to the budget request. The Committee acknowledges that the brigade and division advanced warfighting experiments conducted in 1997 yielded a number of concepts which merited investment or acceleration. However, the Army does not have exercises of this scale planned in the remainder of 1998 or 1999. Further, many of the candidates for the fiscal year 1998 funds are projects which did not make the priority list earlier in the WRAP process.

The Committee understands that the Army has a requirement for a drop zone capable, multiutility, commercially available vehicle for the movement of supplies and injured personnel in rugged terrain. The Committee recommends that the Army give consideration to the military GATOR in meeting this mission requirement under the competitive fiscal year 1999 Warfighting Rapid Acquisition Program.

Landmine alternatives.—The Committee understands that the Department has launched a search for alternatives to anti-personnel landmines, including those that are used in mixed mine systems, with the goal of fielding such alternatives as soon as practicable. The Committee supports this effort and includes \$12,500,000 for fiscal year 1999 for activities relating to the identification, adaptation, modification, research, and development of existing and new tactics, technologies, and operational concepts that (1) would produce a comparable combat capability to antipersonnel landmines, including those in mixed mine systems, and (2) are compliant with the Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Antipersonnel Mines and on Their Destruction. The Secretary of Defense shall submit a report to the congressional defense committees by March 1, 1999, describing progress made in identifying and fielding such alternative, and future plans in this effort.

Management headquarters.—The Committee recommends \$22,683,000 for management headquarters, of which \$18,000,000 shall be only for the Akamai project. Within this amount, not less than \$4,000,000 shall be for hyperspectral diagnostic imaging and \$2,000,000 shall be for the remote access to medical specialists program.

Maintenance and repair [RPM] RDT&E.—The Committee recommends \$80,233,000, an increase of \$31,000,000 to the budget request. The Committee is very concerned about the level of maintenance and repair activities funded by the Army budget request for laboratories and major range and test facility bases [MRTFB's]. The Committee directs that \$1,000,000 of the additional funds be used only for Cold Regions Research Laboratory maintenance and

repairs. The Committee directs that \$30,000,000 be used for activities such as heating and cooling system, road, water system, and roof maintenance and repair. Of this amount, \$20,800,000 is provided for White Sands Missile Range and \$9,200,000 is provided for Aberdeen Proving Ground and Dugway Proving Ground.

OTHER ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Defense research sciences	137,399	129,463	− 7,936
Scientific problems with military applications growth		− 7,936	− 7,936
University and industry research centers	48,459	45,138	− 3,321
Program growth reduction		− 3,321	− 3,321
Sensors and electronic survivability	18,738	16,895	− 1,843
Data Base and Software Agent Program		− 1,843	− 1,843
Aviation technology	29,746	25,160	− 4,586
Air mobility concept		− 1,923	− 1,923
Precision kill and nonlethal weapon integration and manned/unmanned system technology		− 2,663	− 2,663
Modeling and simulation technology	27,981	24,153	− 3,828
Army after next applied research		− 4,450	− 4,450
Standards development and testing		− 1,600	− 1,600
Advanced concepts and technology		− 1,778	− 1,778
Photonics research ¹		+ 4,000	+ 4,000
Ballistics technology	31,115	27,475	− 3,640
Electric gun technology		− 3,640	− 3,640
Dual Use Applications Program	20,000	10,000	− 10,000
Program reduction		− 10,000	− 10,000
Army data distribution system	17,281	6,300	− 10,981
Near-term digital radio		− 10,981	− 10,981
Comanche	367,823	349,208	− 18,615
Engineering changes		− 8,615	− 8,615
Flight test program delays		− 10,000	− 10,000
Follow-on to TOW	48,106	8,106	− 40,000
Program reduction based on Army restructure		− 35,000	− 35,000
Counteractive protection transfer		− 5,000	− 5,000
Combat feeding, clothing, and equipment	62,218	53,568	− 8,650
Contract modifications and engineering change proposals		− 4,000	− 4,000
Land warrior product improvement		− 4,650	− 4,650
Weapons and munitions—eng dev	37,725	35,725	− 2,000
Mortar fire control system contract savings		− 2,000	− 2,000
DUAP commercial operations and support savings	33,600	23,600	− 10,000
Program reduction		− 10,000	− 10,000
Army Kwajalein Atoll	142,710	122,710	− 20,000
Program reduction		− 20,000	− 20,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Concepts Experimentation Program	17,441	10,541	- 6,900
Program reduction for undefined experiments		- 6,900	- 6,900
Aerostat Joint Project Office	103,937	45,000	- 58,937
Program reduction		- 58,937	- 58,937
Force Twenty-one [XXI], Warfighting Rapid Acquisition Program	99,528	69,528	- 30,000
Program reduction		- 30,000	- 30,000
NATO Joint STARS	6,405		- 6,405
Program reduction		- 6,405	- 6,405

¹ Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of this report section.

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Army to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Army.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Combat vehicle and automotive technology	40,107	44,362	+ 4,255
Alternative vehicle propulsion systems		2,500	+ 2,500
Robotic and manned ground systems enhancements		4,500	+ 4,500
Commerical automotive technology		2,500	+ 2,500
Future infantry and combat system ²		- 5,245	- 5,245
Weapons and munitions technology	29,489	31,489	+ 2,000
Future direct support weapon system		2,000	+ 2,000
Electronics and electronic devices	22,329	25,479	+ 3,150
Improved high rate alkaline cell		700	+ 700
Low cost reuseable alkaline manganese-zinc		900	+ 900
Rechargeable coin cells		650	+ 650
Coin cell zinc air		900	+ 900
Human factors engineering technology	13,369	18,169	+ 4,800
MedTeams		4,800	+ 4,800
Command, control, communications technology	19,746	22,546	+ 2,800
Multimedia tactical adapter		2,800	+ 2,800
Military engineering technology	37,488	42,188	+ 4,700
Cold regions research and development		1,700	+ 1,700
University partnering for operational support		3,000	+ 3,000
Medical technology	67,255	70,255	+ 3,000
Life support for trauma and transport [LSTAT]		3,000	+ 3,000
Medical advanced technology	11,012	30,012	+ 19,000
Nutrition research ¹		2,000	+ 2,000
Volume angiocat		4,000	+ 4,000
WRAMC prostate research		2,000	+ 2,000
Intravenous membrane oxygenator		1,000	+ 1,000
Disaster relief and emergency medical services [DREAMS]		10,000	+ 10,000
Aviation advanced technology	30,048	51,048	+ 21,000
Starstreak missile testing		21,000	+ 21,000
Landmine warfare and barrier advanced technology	21,944	25,844	+ 3,900
Ground penetrating radar		3,900	+ 3,900

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Joint Service Small Arms Program	5,173	8,673	+ 3,500
Objective crew served weapon		3,500	+ 3,500
Night vision advanced technology	23,960	26,460	+ 2,500
Low cost millimeter wave wire detection system		2,500	+ 2,500
Military engineering advanced technology	13,564	16,264	+ 2,700
Full-scale prototyping of rapidly installed breakwaters and application of soil stabilization technology to coastal regions		2,700	+ 2,700
Armament enhancement initiative	26,526	28,526	+ 2,000
TERM-KE		10,000	+ 10,000
M829E3 development ²		- 8,000	- 8,000
Aviation—adv dev	7,487	11,487	+ 4,000
3-D cockpit audio and helmet mounted displays ...		4,000	+ 4,000
Logistics and engineer equipment—adv dev	17,478	19,978	+ 2,500
Reverse osmosis water purification units		2,500	+ 2,500
Aircraft avionics	7,878	17,878	+ 10,000
Army airborne command and control system [A ² C ² S]		10,000	+ 10,000
Family of heavy tactical vehicles		1,250	+ 1,250
HETS highway use trailer		1,250	+ 1,250
Engineer mobility equipment development	63,069	66,569	+ 3,500
DSESTS		3,500	+ 3,500
Aviation—eng dev	6,599	11,599	+ 5,000
Retinal display technology		5,000	+ 5,000
Landmine warfare/barrier—eng dev	46,905	46,905	
Landmine alternatives	12,500	+ 12,500	
NSD-A program delays ²	- 12,500	- 12,500	
Sense and destroy armament missile—eng dev	20,813	33,813	+ 13,000
SADARM product improvement acceleration		13,000	+ 13,000
Threat simulator development	11,935	13,935	+ 2,000
Jamming simulator for Army Battle Laboratory		2,000	+ 2,000
Munitions standardization, effectiveness, and safety	8,497	12,497	+ 4,000
Blast chamber:			
Lexington Blue Grass Army Depot		2,000	+ 2,000
Anniston Army Depot		2,000	+ 2,000
Pollution prevention	8,694	10,694	+ 2,000
Joint group on acquisition pollution prevention		2,000	+ 2,000
Environmental compliance	44,116	51,116	+ 7,000
Climate change fuel cell		5,000	+ 5,000
Low emissions gas boiler demo		2,000	+ 2,000
Maintenance and repair (RPM)—RDT&E	49,233	80,233	+ 31,000
Aberdeen Proving Ground, Dugway Proving Ground, White Sands Missile Range		30,000	+ 30,000
Cold Regions Research Laboratory		1,000	+ 1,000
Management headquarters (research and development) ..	4,683	22,683	+ 18,000
Akamai		18,000	+ 18,000
Aircraft Engine Component Improvement Program	2,948	6,948	+ 4,000
Aircraft fuel delivery technology		2,000	+ 2,000
FADEC technology on TH-67		2,000	+ 2,000
Digitization	45,007	48,007	+ 3,000
Digitization research at Fort Hood		3,000	+ 3,000
Digital information technology test bed		6,600	+ 6,600
End item industrial preparedness activities	30,511	37,861	+ 7,350
Munitions manufacturing technology		5,000	+ 5,000
Instrumented factory for gears [INFAC]		4,000	+ 4,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Undefined projects		-1,650	-1,650

¹Increase reflects Committee recommendations as outlined in the "Authorization adjustments" heading of this report section.

²Program reduction as described under the heading "Program reductions and deferrals."

Program transfers.—The Committee recommends the following funding adjustments to effect funding transfers requested by the Department of Defense, to align programs in the proper development category, to better link specific development projects with related efforts, or to restore funds to the traditional funding line in the budget.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Tactical unmanned aerial vehicles	75,636	97,828	+22,192
Transfer		37,192	+37,192
Marinization		-15,000	-15,000
Advanced technology		7,500	+7,500
Transfer		7,500	+7,500
CIG/SS		8,912	+8,912
Transfer		8,912	+8,912

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Tractor rose	6,000		-6,000
Program reduction		-6,000	-6,000
Materials technology	10,137	15,137	+5,000
Hardened Material Program		5,000	+5,000
Missile technology	25,180	30,680	+5,500
Acoustic detection		1,500	+1,500
Scramjet missile technology		3,000	+3,000
Counteractive protection ¹		5,000	+5,000
Compact kinetic energy missile ²		-4,000	-4,000
Environmental quality technology	13,842	51,742	+37,900
National Defense Center for Environmental Excellence		20,000	+20,000
Plasma energy pyrolysis system [PEPS]		5,000	+5,000
Small Business Development Center ¹		5,400	+5,400
Agriculturally based bioremediation ¹		4,000	+4,000
Radford environmental development and management system ¹		3,500	+3,500
Weapons and munitions advanced technology	24,555	29,055	+4,500
Precision guided mortar munition		4,500	+4,500
Combat vehicle and automotive advanced technology ...	54,435	49,535	-4,900
Aluminum metal matrix		6,500	+6,500
Heavy truck propulsion systems ¹		3,600	+3,600

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Geisel engine testing ¹		2,000	+ 2,000
Program reduction ²		- 17,000	- 17,000
Missile and rocket advanced technology	86,096	92,096	+ 6,000
Future missile technology integration		6,000	+ 6,000
Army missile defense systems integration (dem/val)	12,240	38,240	+ 26,000
Space and Missile Defense Battle Laboratory		11,000	+ 11,000
Tactical high-energy laser (THEL)		15,000	+ 15,000
NATO research and development	11,161	9,161	- 2,000
Program reduction		- 2,000	- 2,000
EW development	85,989	90,589	+ 4,600
ATIRCM/CMWS integration		8,600	+ 8,600
Ground-based common sensor [GBCS] ²		- 4,000	- 4,000
Radar development	2,786	6,786	+ 4,000
Passive adjunct sensor capability		4,000	+ 4,000
Firefinder	19,822	20,722	+ 900
AN/TPQ Firefinder radar upgrade—accelerate software		900	+ 900
Major T&E investment	40,284	32,142	- 8,142
Program reduction		- 1,000	- 1,000
USAKA (Kwalalein Atoll) ²		- 7,142	- 7,142
Army technical test instrumentation and targets	33,439	40,439	+ 7,000
Testing instrumentation and targets (WSMR)		7,000	+ 7,000
Survivability/lethality analysis	30,498	34,498	+ 4,000
Information operations warfare vulnerability assessment		4,000	+ 4,000
DOD high-energy laser test facility	15,022	23,022	+ 8,000
Solid state laser		8,000	+ 8,000
Advanced field artillery tactical data system	35,111	40,381	+ 5,270
Airspace deconfliction and technical fire support [AFATDS] enhancement		12,500	+ 12,500
AFATDS 2000 software development ²		- 7,230	- 7,230
Combat vehicle improvement programs	94,756	108,256	+ 13,500
M-1 large area flat panel displays		7,000	+ 7,000
DSESTS ¹		6,500	+ 6,500

¹ Increase reflects Committee recommendations as outlined in the "Program and project increases" heading of the report section.

² Program reduction recommended as described under the heading "Program reductions and deferrals."

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	14,902	14,902	
DEFENSE RESEARCH SCIENCES	137,399	129,463	- 7,936
UNIVERSITY AND INDUSTRY RESEARCH CENTERS	48,459	45,138	- 3,321
TOTAL, BASIC RESEARCH	200,760	189,503	- 11,257
APPLIED RESEARCH:			
TRACTOR ROSE	6,000		- 6,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
MATERIALS TECHNOLOGY	10,137	15,137	+ 5,000
SENSORS AND ELECTRONIC SURVIVABILITY	18,738	16,895	- 1,843
TRACTOR HIP	11,685	11,685	.....
AVIATION TECHNOLOGY	29,746	25,160	- 4,586
EW TECHNOLOGY	16,249	16,249	.....
MISSILE TECHNOLOGY	25,180	30,680	+ 5,500
MODELING AND SIMULATION TECHNOLOGY	27,981	24,153	- 3,828
COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	40,107	44,362	+ 4,255
BALLISTICS TECHNOLOGY	31,115	27,475	- 3,640
CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	5,116	5,116	.....
JOINT SERVICE SMALL ARMS PROGRAM	5,229	5,229	.....
WEAPONS AND MUNITIONS TECHNOLOGY	29,489	31,489	+ 2,000
ELECTRONICS AND ELECTRONIC DEVICES	22,329	25,479	+ 3,150
NIGHT VISION TECHNOLOGY	19,157	19,157	.....
COUNTERMINE SYSTEMS	10,715	10,715	.....
HUMAN FACTORS ENGINEERING TECHNOLOGY	13,369	18,169	+ 4,800
ENVIRONMENTAL QUALITY TECHNOLOGY	13,842	51,742	+ 37,900
COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	19,746	22,546	+ 2,800
COMPUTER AND SOFTWARE TECHNOLOGY	2,185	2,185	.....
MILITARY ENGINEERING TECHNOLOGY	37,488	42,188	+ 4,700
MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	8,602	8,602	.....
WARFIGHTER TECHNOLOGY	18,661	18,661	.....
MEDICAL TECHNOLOGY	67,255	70,255	+ 3,000
ARMY ARTIFICIAL INTELLIGENCE TECHNOLOGY	1,164	1,164	.....
DUAL USE APPLICATIONS PROGRAM	20,000	10,000	- 10,000
TOTAL, APPLIED RESEARCH	511,285	554,493	+ 43,208
ADVANCED TECHNOLOGY DEVELOPMENT:			
WARFIGHTER ADVANCED TECHNOLOGY	32,969	32,969	.....
MEDICAL ADVANCED TECHNOLOGY	11,012	30,012	+ 19,000
AVIATION ADVANCED TECHNOLOGY	30,048	51,048	+ 21,000
WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	24,555	29,055	+ 4,500
COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	54,435	49,535	- 4,900
COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	20,109	20,109	.....
MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	3,021	3,021	.....
TRACTOR HIKE	9,873	9,873	.....
TRACTOR DIRT	57	57	.....
TRACTOR RED	4,590	4,590	.....
TRACTOR ROSE	2,016	2,016	.....
MILITARY HIV RESEARCH	5,710	5,710	.....
GLOBAL SURVEILLANCE/AIR DEFENSE/PRECISION STRIKE TECH	9,973	9,973	.....
EW TECHNOLOGY	11,508	11,508	.....
MISSILE AND ROCKET ADVANCED TECHNOLOGY	86,096	92,096	+ 6,000
TRACTOR CAGE	4,408	4,408	.....
LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	21,944	25,844	+ 3,900
JOINT SERVICE SMALL ARMS PROGRAM	5,173	8,673	+ 3,500
LINE-OF-SIGHT TECHNOLOGY DEMONSTRATION	20,099	20,099	.....
NIGHT VISION ADVANCED TECHNOLOGY	23,960	26,460	+ 2,500
MILITARY ENGINEERING ADVANCED TECHNOLOGY	13,564	16,264	+ 2,700
ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECH	18,456	18,456	.....
STRATEGIC ENVIRONMENTAL RESEARCH AND DEVELOPMENT PROGRAM/ENVIRONMENTAL SECURITY TECHNOLOGY	54,419	54,419	.....
JOINT TACTICAL RADIO	15,600	15,600	.....
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	483,595	541,795	+ 58,200
DEMONSTRATION AND VALIDATION:			
ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	12,240	38,240	+ 26,000
LANDMINE WARFARE AND BARRIER—ADV DEV	6,778	6,778	.....
ARMAMENT ENHANCEMENT INITIATIVE	26,526	28,526	+ 2,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
ARTILLERY PROPELLANT DEVELOPMENT			
ARMORED SYSTEM MODERNIZATION—ADV DEV			
ADVANCED TANK ARMAMENT SYSTEM (ATAS)	8,928	8,928	
ARMY DATA DISTRIBUTION SYSTEM	17,281	6,300	-10,981
SOLDIER SUPPORT AND SURVIVABILITY	7,581	7,581	
TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV			
NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	2,681	2,681	
NATO RESEARCH AND DEVELOPMENT	11,161	9,161	-2,000
AVIATION—ADV DEV	7,487	11,487	+4,000
LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	17,478	19,978	+2,500
COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION	14,353	14,353	
MEDICAL SYSTEMS—ADV DEV	11,414	11,414	
TRACTOR CAGE (DEM/VAL)	966	966	
ARTILLERY SYSTEMS—DEM/VAL	313,166	313,166	
SCAMP BLOCK II DEM/VAL	7,969	7,969	
TOTAL, DEMONSTRATION AND VALIDATION	466,009	487,528	+21,519
ENGINEERING AND MANUFACTURING DEVELOPMENT:			
AIRCRAFT AVIONICS	7,878	17,878	+10,000
COMANCHE	367,823	349,208	-18,615
EW DEVELOPMENT	85,989	90,589	+4,600
ALL SOURCE ANALYSIS SYSTEM	28,081	28,081	
FOLLOW-ON TO TOW	48,106	8,106	-40,000
TRACTOR CAGE	1,788	1,788	
MEDIUM TACTICAL VEHICLES			
SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ENG DEV	706	706	
JAVELIN	5,277	5,277	
LANDMINE WARFARE	23,189	23,189	
FAMILY OF HEAVY TACTICAL VEHICLES		1,250	+1,250
AIR TRAFFIC CONTROL	1,737	1,737	
ADVANCED COMMAND AND CONTROL VEHICLE (AC ² V)			
TACTICAL UNMANNED GROUND VEHICLE (TUGV)	2,468	2,468	
ARMORED SYSTEMS MODERNIZATION (ASM)—ENG. DEV	4,500	4,500	
ENGINEER MOBILITY EQUIPMENT DEVELOPMENT	63,069	66,569	+3,500
NIGHT VISION SYSTEMS—ENG DEV	21,311	21,311	
COMBAT FEEDING, CLOTHING, AND EQUIPMENT	62,218	53,568	-8,650
NON-SYSTEM TRAINING DEVICES—ENG DEV	64,035	64,035	
TERRAIN INFORMATION—ENG DEV	2,999	2,999	
INTEGRATED METEOROLOGICAL SUPPORT SYSTEM	1,790	1,790	
INTEGRATED BROADCAST SERVICE	4,447	4,447	
AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE	6,476	6,476	
AUTOMATIC TEST EQUIPMENT DEVELOPMENT	7,030	7,030	
DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)	2,766	2,766	
TACTICAL EXPLOITATION OF NATIONAL CAPABILITIES	44,674	44,674	
BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	134,858	134,858	
JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM	5,503	5,503	
POSITIONING SYSTEMS DEVELOPMENT (SPACE)	379	379	
COMBINED ARMS TACTICAL TRAINER (CATT) CORE	7,533	7,533	
AVIATION—ENG DEV	6,599	11,599	+5,000
WEAPONS AND MUNITIONS—ENG DEV	37,725	35,725	-2,000
LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	26,002	26,002	
COMMAND, CONTROL, COMMUNICATIONS SYSTEMS	16,404	16,404	
MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	5,338	5,338	
LANDMINE WARFARE/BARRIER—ENG DEV	46,905	46,905	
SENSE AND DESTROY ARMAMENT MISSILE—ENG DEV	20,813	33,813	+13,000
COMBAT IDENTIFICATION	13,471	13,471	
ARMY TACTICAL COMMAND AND CONTROL HARDWARE AND SOFTWARE	32,929	32,929	
RADAR DEVELOPMENT	2,786	6,786	+4,000
FIREFINDER	19,822	20,722	+900
DUAP COMMERCIAL OPERATIONS AND SUPPORT SAVINGS	33,600	23,600	-10,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
ARTILLERY SYSTEMS—EMD	100	100	.....
TOTAL, ENGINEERING AND MANUFACTURING DEVELOPMENT	1,269,124	1,232,109	- 37,015
RDT&E MANAGEMENT SUPPORT:			
THREAT SIMULATOR DEVELOPMENT	11,935	13,935	+ 2,000
TARGET SYSTEMS DEVELOPMENT	13,127	13,127	.....
MAJOR T&E INVESTMENT	40,284	32,142	- 8,142
RAND ARROYO CENTER	16,718	16,718	.....
ARMY KWAJALEIN ATOLL	142,710	122,710	- 20,000
CONCEPTS EXPERIMENTATION PROGRAM	17,441	10,541	- 6,900
ARMY TEST RANGES AND FACILITIES	119,553	119,553	.....
ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	33,439	40,439	+ 7,000
SURVIVABILITY/LETHALITY ANALYSIS	30,498	34,498	+ 4,000
DOD HIGH ENERGY LASER TEST FACILITY	15,022	23,022	+ 8,000
AIRCRAFT CERTIFICATION	2,924	2,924	.....
METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,691	6,691	.....
MATERIEL SYSTEMS ANALYSIS	9,711	9,711	.....
EXPLOITATION OF FOREIGN ITEMS	4,031	4,031	.....
SUPPORT OF OPERATIONAL TESTING	66,320	66,320	.....
ARMY EVALUATION CENTER	25,526	25,526	.....
PROGRAMWIDE ACTIVITIES	64,588	64,588	.....
TECHNICAL INFORMATION ACTIVITIES	16,251	16,251	.....
MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	8,497	12,497	+ 4,000
ENVIRONMENTAL CONSERVATION	3,195	3,195	.....
POLLUTION PREVENTION	8,694	10,694	+ 2,000
ENVIRONMENTAL COMPLIANCE	44,116	51,116	+ 7,000
MINOR CONSTRUCTION (RPM)—RDT&E	4,205	4,205	.....
MAINTENANCE AND REPAIR (RPM)—RDT&E	49,233	80,233	+ 31,000
REAL PROPERTY SERVICES (RPS)—RDT&E	87,172	87,172	.....
BASE OPERATIONS—RDT&E	230,029	230,029	.....
MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	4,683	22,683	+ 18,000
TOTAL, RDT&E MANAGEMENT SUPPORT	1,076,593	1,124,551	+ 47,958
OPERATIONAL SYSTEMS DEVELOPMENT:			
MLRS PRODUCT IMPROVEMENT PROGRAM	20,244	20,244	.....
AEROSTAT JOINT PROJECT OFFICE	103,937	45,000	- 58,937
ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	35,111	40,381	+ 5,270
COMBAT VEHICLE IMPROVEMENT PROGRAMS	94,756	108,256	+ 13,500
MANEUVER CONTROL SYSTEM	28,923	28,923	.....
AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	26,681	26,681	.....
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	2,948	6,948	+ 4,000
DIGITIZATION	45,007	48,007	+ 3,000
FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB2)	52,469	52,469	.....
FORCE TWENTY-ONE (XXI), WARFIGHTING RAPID ACQUISITION	99,528	69,528	- 30,000
MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	11,252	11,252	.....
OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	1,248	1,248	.....
TRACTOR RUT .....	.....	.....	.....
TRACTOR CARD	3,993	3,993	.....
JOINT TACTICAL COMMUNICATIONS PROGRAM (TRI-TAC)	35,941	35,941	.....
JOINT TACTICAL GROUND SYSTEM	12,229	12,229	.....
SPECIAL ARMY PROGRAM	6,537	12,037	+ 5,500
INFORMATION SYSTEMS SECURITY PROGRAM	7,433	7,433	.....
SATCOM GROUND ENVIRONMENT (SPACE)	53,897	53,897	.....
WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	17,543	17,543	.....
DIGITAL INFORMATION TECHNOLOGY TEST BED .....	.....	6,600	+ 6,600
TRAFFIC CONTROL, APPROACH AND LANDING SYSTEM .....	.....	.....	.....
SECURITY AND INVESTIGATIVE ACTIVITIES	950	950	.....
TACTICAL UNMANNED AERIAL VEHICLES	75,636	97,828	+ 22,192
ADVANCED TECHNOLOGY .....	.....	7,500	+ 7,500
COMMON IMAGERY GROUND/SURFACE SYS .....	.....	8,912	+ 8,912

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	30,511	37,861	+ 7,350
COUNTER MRL—TSPO			
NATO JOINT STARS	6,405		— 6,405
STRIKER			
MORTAR FIRE CONTROL			
RADIO FREQUENCY			
LIGHTWEIGHT LASER DESIGNATOR/RANGE FINDER			
COMBAT SYNTHETIC TRAINING ASSESSMENT RANGE			
ARMY AIRBORNE COMMAND AND CONTROL SYSTEM			
ECONOMIC ASSUMPTIONS			
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	773,179	761,661	— 11,518
TOTAL, RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY	4,780,545	4,891,640	+ 111,095

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY

Appropriations, 1998	\$8,115,686,000
Budget estimate, 1999	8,108,923,000
Committee recommendation	8,215,519,000

The Committee recommends an appropriation of \$8,215,519,000 for the Navy's research, development, test, and evaluation programs, an increase of \$106,596,000 to the budget request.

The budget activities and programs funded under this appropriation are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

Defense research sciences.—The Committee directs that \$500,000 within funds made available for this program shall be designated for continuing the Navy's cooperative marine mammal research program.

Marine Corps advanced technology demonstration.—The Committee recommends \$33,600,000 for the Sea Dragon Laboratory Program, an increase of \$10,000,000. The Committee expects that the Marines will allocate \$4,000,000 to provide full support for ongoing modeling and simulation efforts within this amount.

Advanced technology transition.—The Committee notes that the SLICE advanced technology demonstration [ATD] has exceeded all expectations in its speed and ride quality performance. The Committee understands the Office of Naval Research intends to study additional futuristic hull form technologies using this program as a baseline in the coming years. As a transition to this next phase, the Committee recommends \$10,000,000 to develop SLICE follow-on technology, specifically for a SLICE trailer ATD. This trailer will be available to support aegis testing to be conducted beginning in January 2000.

Command, control, and communications technology.—The Committee recommends an increase of \$11,000,000 for the ONR surveillance program to support evaluation of technologies for improving naval surveillance, tracking, and targeting capabilities in littoral operations. The Committee supports an expansion of current devel-

opment and test efforts using an elevated ground-based site for cost-effective testing of airborne surveillance technologies. These funds shall be available for sensor development work, antenna and sensor testing, and site enhancements in conjunction with the UHF electronically scanned array ATD. The program will lead to the initiation of the Navy's follow-on Sensor Fusion and Network Centric Battlefield Demonstration Program. Not less than \$1,000,000 of this amount is available to plan and develop suitable systems to support emerging requirements for sensor integration and testing.

Cooperative engagement capability.—The Committee continues to support the U.S. Navy Cooperative Engagement Capability [CEC] Program and believes that a space augmented CEC has the potential to enhance greatly the systems effectiveness of air and missile defense programs. The Committee also believes that the Navy should work with the Air Force through the SBIRS requirements review process to pursue the integration of the CEC into the SBIRS system architecture. Therefore, the Committee recommends an increase of \$10,000,000 for CEC SBIRS and Milstar range extension demonstrations.

Carrier systems development.—The Committee recommends that \$50,000,000 for future aircraft carrier system development be used exclusively for CVN-77 development.

Airborne mine countermeasures.—The Committee supports the Navy's recent decision to seek full and complete competition for the airborne mine neutralization system [AMNS] and associated CH-60 integration. The Committee recommends an additional \$2,000,000 to accelerate the evaluation of preplanned product improvements that will provide an autonomous operational capability to the system selected by the Navy.

Standard missile.—The Committee recommendation provides an increase of \$5,000,000 for the Standard Missile Program. The Committee directs that the additional funds are available only for the Navy to modify and build at least two Standard Missile test assets which will be dedicated to an ADSAM demonstration. The remaining funds should be used by the Navy to support and participate in the ADSAM and ADAAM experiments proposed by the Committee. Additional Committee observations on this issue are outlined in the title IV overview section of this report.

CVX.—The Committee recommends \$74,312,000 for future aircraft carrier research and development, a reduction of \$115,688,000 from the budget. The Committee understands that the Navy is currently restructuring its CVX program, and plans to use \$50,000,000 to introduce new technologies into the CVN-77. The Committee has provided \$50,000,000 for this purpose. The Committee has also included \$5,000,000 in ship preliminary design and feasibility studies to establish a red team to study a futuristic aircraft carrier concept. Under this plan, the team should evaluate the merits of a carrier designed for the JSF aircraft and assume other STOVL and rotary wing aircraft will perform support missions. Furthermore, a primary goal of the program should be to reduce the crew requirements by 50 percent, a trend increasingly common in commercial ships.

The Committee has also been informed that as part of CVX restructuring, the Navy plans to focus their initial research efforts on

the development of the next generation nuclear powerplant and electrical system in order to begin construction of CVX in 2006. The Committee expects the Navy to use the remaining CVX funding to begin development of this next generation nuclear powerplant.

Common integrated electric drive systems.—The Committee is aware that an industry team has made a substantial investment to develop and demonstrate a domestic electric drive, at no cost to the Navy, for use in the Navy's Large Scale Vehicle [LSV II] Program. The Committee directs the Secretary of the Navy to provide a report to the Committee by March 1, 1999, which evaluates the installation of a common integrated electric drive system for DD-21, CV(X) and an NSSN variant with both a common integrated electric drive system and a conventional mechanical drive system. Additionally, the study should include an evaluation of secondary impacts, including but not limited to: life cycle, logistics, logistics train, manning, and operation and maintenance costs.

Terfenol-D.—The Committee directs that \$3,200,000 shall be available only to achieve further cost reductions in the application of terfenol-D, the magnetostrictive, iron/terbium/dysprosium alloy for new high performance sonar systems.

Low signature ejection technology [LOSET].—The Committee is aware of the need for the development of soft launch capability for the shoulder launched multipurpose assault weapon [SMAW]. Therefore, the Committee recommends an increase of \$4,000,000 to the Marine Corps "Ground combat/support system" account for application of low signature ejection technology to the SMAW system.

OTHER ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Dual Use Applications Program	20,000	10,000	- 10,000
Program decrease		- 10,000	- 10,000
Air systems and weapons advanced technology	48,143	43,143	- 5,000
VECTOR		- 5,000	- 5,000
Carrier systems development	154,307	74,307	- 80,000
Program reduction		- 130,000	- 130,000
CVN-77 technology insertion		50,000	+ 50,000
Shipboard system component development	27,725	24,725	- 3,000
Shipboard aux systems development		- 3,000	- 3,000
S-3 weapon system improvement	31,469	26,469	- 5,000
Common support aircraft		- 5,000	- 5,000
Navy Energy Program	5,544	3,544	- 2,000
Facilities		- 2,000	- 2,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Commercial operations and support savings initiative			
[COSSI]	28,500	18,500	-10,000
COSSI		-10,000	-10,000
Target systems development	54,800	50,800	-4,000
Subsonic subscale aerial target		-4,000	-4,000
Technical information services	8,513	6,013	-2,500
Slow enterprise development		-2,500	-2,500
Depot maintenance (non-IF)	69,967	49,967	-20,000
Program reduction		-20,000	-20,000

Program and project funding increases.—The Committee recommends the addition or designation of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Navy to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Navy.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Defense Research Sciences	347,945	347,945	
Marine Mammals		(500)	
Aircraft technology	23,229	30,729	+7,500
Vector thrust ducted propeller		7,500	+7,500
Oceanographic and atmospheric technology	56,722	57,472	+750
PM-10		750	+750
Undersea warfare weaponry technology	34,856	44,356	+9,500
Universal "AA" lithium carbon monofluoride battery		500	+500
Computational eng research		3,000	+3,000
Undersea weaponry warfare tech		3,000	+3,000
6.25 torpedo		3,000	+3,000
Manpower, personnel, and training adv tech dev	21,042	23,042	+2,000
Integrated manufacturing studies		2,000	+2,000
Environmental quality and logistics advanced technology	20,919	26,919	+6,000
Asbestos removal		4,000	+4,000
Visualization of technical information		2,000	+2,000
Undersea warfare advanced technology	56,827	60,027	+3,200
Terfenol-D		3,200	+3,200
Advanced technology transition	74,392	84,392	+10,000
SLICE trailer		10,000	+10,000
C ³ advanced technology	22,294	29,794	+7,500
National Technology Alliance Program		7,500	+7,500
Advanced combat systems technology	8,653	8,653	
Visualization architecture and technology		(2,000)	
Surface and shallow water mine countermeasures	73,491	80,491	+7,000
Remote minehunting system		7,000	+7,000
Cooperative engagement	131,623	141,623	+10,000
CEC space		10,000	+10,000
Environmental protection	59,438	61,938	+2,500
Molten salt oxidation technology		2,500	+2,500
Standard missile improvements	1,320	6,320	+5,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Program increase		5,000	+ 5,000
H-1 upgrades	98,542	121,942	+ 23,400
Accelerate H-1 upgrades program		121,942	+ 23,400
Airborne MCM	24,967	26,967	+ 2,000
Program increase		2,000	+ 2,000
Air control	4,198	8,198	+ 4,000
ECARS		4,000	+ 4,000
Submarine tactical warfare system	28,573	30,573	+ 2,000
Doppler radar		2,000	+ 2,000
Aviation improvements	64,956	68,956	+ 4,000
Eddy current sensors		4,000	+ 4,000
Navy Science Assistance Program		12,000	+ 12,000
LASH		12,000	+ 12,000
Marine Corps ground combat/supporting arms systems	14,699	17,699	+ 3,000
Automatic target tracker		3,000	+ 3,000

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Air and surface launched weapons technology	37,140	40,140	+ 3,000
Rotary valved multiple combustor pulse detonation engine (RVMPDE)		3,000	+ 3,000
Ship, submarine, and logistics technology	43,177	46,177	+ 3,000
Stainless steel double hull		3,000	+ 3,000
Communications, command, and control, intelligence, surveillance	65,033	68,033	+ 3,000
UESA radar ¹		11,000	+ 11,000
Strategic Sustainment Program reduction		– 8,000	– 8,000
Materials, electronics, and computer technology	77,617	93,117	+ 15,500
Thermal mgmt materials		1,500	+ 1,500
Advanced energy devices ¹		1,000	+ 1,000
Nanoscale materials and devices ¹		1,000	+ 1,000
Silicon carbide electronic material dev ¹		2,500	+ 2,500
Electric drive propulsion		2,000	+ 2,000
Carbon/carbon heatshields		2,500	+ 2,500
Adv Materials Intelligent Processing Center ¹		5,000	+ 5,000
Precision strike and air defense technology	58,306	54,406	– 3,900
Mobile offshore base		5,000	+ 5,000
Fleet advanced demo's ²		– 8,900	– 8,900
Surface ship and submarine HM&E advanced technology	39,264	46,264	+ 7,000
Composite helo hangar		5,000	+ 5,000
Power electronic building blocks ¹		3,000	+ 3,000
Advanced electronic systems		– 1,000	– 1,000
Marine Corps advanced technology demonstration [ATD]	41,931	52,931	+ 11,000
Warfighting Lab		10,000	+ 10,000
K-band training/test instrumentation system ¹		1,000	+ 1,000
Medical development	18,728	20,728	+ 2,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Freeze-dried blood		1,000	+ 1,000
Directly transfusable cryoprotected blood products ¹		1,000	+ 1,000
Mine and expeditionary warfare advanced technology	41,710	42,710	+ 1,000
Advanced lightweight influence sweep system [ALISS]		1,000	+ 1,000
Ship preliminary design and feasibility studies	42,668	8,000	- 34,668
SSGN study		1,000	+ 1,000
CV feasibility studies ²		- 35,688	- 35,688
CVX Red team		(5,000)	(5,000)
Advanced surface machinery systems	58,419	63,419	+ 5,000
Intercooled recuperated gas turbine engine		5,000	+ 5,000
Marine Corps ground combat/support system	37,133	50,633	+ 13,500
Trajectory corrected munitions ¹		7,500	+ 7,500
SMAW follow-on ¹		4,000	+ 4,000
Predator		2,000	+ 2,000
NATO research and development	11,004	9,004	- 2,000
Program reduction		- 2,000	- 2,000
Land attack technology	110,104	92,404	- 17,700
Adv ship vertical gun		- 10,000	- 10,000
Naval surface fire support integration		- 7,700	- 7,700
Joint Strike fighter [JSF]—dem/val	463,402	478,402	+ 15,000
Alternate Engine Program		15,000	+ 15,000
Nonlethal weapons—dem/val	22,592	35,892	+ 13,300
Nonlethal		13,300	+ 13,300
Space and electronic warfare [SEW] architecture/engineering support	17,955	20,955	+ 3,000
Adv comms and info tech		3,000	+ 3,000
Other helo development	231,120	253,120	+ 22,000
SH-60 lamps ¹		15,000	+ 15,000
Parametric airborne dipping sonar [PADS]		8,000	+ 8,000
ASW and helo development CDR		- 1,000	- 1,000
EW development	128,586	138,586	+ 10,000
IDECM radio frequency countermeasures system		10,000	+ 10,000
Surface combatant combat system engineering	132,561	134,561	+ 2,000
Labs and field activities monitoring efforts		- 3,000	- 3,000
DDG 51 composite director room		5,000	+ 5,000
SSN-688 and Trident modernization	50,300	65,300	+ 15,000
Multipurpose processor		15,000	+ 15,000
New design SSN	218,816	231,816	+ 13,000
Nonpropulsion electronics system		6,000	+ 6,000
Sonar dome ¹		7,000	+ 7,000
Ship contract design/live fire T&E	133,645	137,645	+ 4,000
Smart propulsor product model		4,000	+ 4,000
Ship self-defense—EMD	148,165	156,665	+ 8,500
NULKA		2,000	+ 2,000
Infrared search and track [IRST]		6,500	+ 6,500
Medical development	4,321	5,321	+ 1,000
Voice instruction device		1,000	+ 1,000
Management, technical, and international support	28,690	17,690	- 11,000
Program reduction		- 11,000	- 11,000
Test and evaluation support	260,601	245,601	- 15,000
Program reduction		- 15,000	- 15,000
SEW surveillance/reconnaissance support	13,185	17,185	+ 4,000
Global C ⁴ ISR visualization		4,000	+ 4,000
F/A-18 squadrons	357,214	336,314	- 20,900

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
F/A-18 E/F tactical reconnaissance development ...		-23,400	-23,400
Super Hornet Advanced Reconnaissance Program demonstration pods ¹		+2,500	+2,500
Consolidated training systems development	28,390	35,390	+7,000
Battle force tactical training		7,000	+7,000

¹ Increase reflects Committee recommendations as outlined in the "Program and project increases" heading of this report section.

² Program reduction recommended as described under the heading "Program reductions and deferrals."

Program transfers.—The Committee recommends the following funding adjustments to effect funding transfers requested by the Department of Defense, to align programs in the proper development category, to better link specific development projects with related efforts, or to restore funds to the traditional funding line in the budget.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Maritime technology		20,000	+20,000
Transfer		15,000	+15,000
Program increase		5,000	+5,000
Vertical takeoff landing		10,000	+10,000
Program increase		10,000	+10,000
Advanced sensors		8,448	+8,448
Program increase		8,448	+8,448
Common imagery ground/surface system		4,966	+4,966
Program increase		4,966	+4,966

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	14,734	14,734	
DEFENSE RESEARCH SCIENCES	347,945	347,945	
Total, BASIC RESEARCH	362,679	362,679	
APPLIED RESEARCH:			
AIR AND SURFACE LAUNCHED WEAPONS TECHNOLOGY	37,140	40,140	+3,000
SHIP, SUBMARINE & LOGISTICS TECHNOLOGY	43,177	46,177	+3,000
AIRCRAFT TECHNOLOGY	23,229	30,729	+7,500
MARINE CORPS LANDING FORCE TECHNOLOGY	12,132	12,132	
HISTORICALLY BLACK COLLEGES AND UNIVERSITIES	4,699	4,699	
COMMUNICATIONS, COMMAND AND CONTROL, INTELLIGENCE	65,033	68,033	+3,000
HUMAN SYSTEMS TECHNOLOGY	29,722	29,722	
MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY	77,617	93,117	+15,500
ELECTRONIC WARFARE TECHNOLOGY	23,849	23,849	
UNDERSEA WARFARE SURVEILLANCE TECHNOLOGY	50,619	50,619	

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
MINE COUNTERMEASURES, MINING AND SPECIAL WARFARE	45,928	45,928	.....
OCEANOGRAPHIC AND ATMOSPHERIC TECHNOLOGY	56,722	57,472	+ 750
UNDERSEA WARFARE WEAPONRY TECHNOLOGY	34,856	44,356	+ 9,500
DUAL USE APPLICATIONS PROGRAM	20,000	10,000	- 10,000
TOTAL, APPLIED RESEARCH	524,723	556,973	+ 32,250
ADVANCED TECHNOLOGY DEVELOPMENT:			
AIR SYSTEMS AND WEAPONS ADVANCED TECHNOLOGY	48,143	43,143	- 5,000
PRECISION STRIKE AND AIR DEFENSE TECHNOLOGY	58,306	54,406	- 3,900
ADVANCED ELECTRONIC WARFARE TECHNOLOGY	17,169	17,169	.....
SURFACE SHIP & SUBMARINE HM&E ADVANCED TECHNOLOGY	39,264	46,264	+ 7,000
MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	41,931	52,931	+ 11,000
MEDICAL DEVELOPMENT	18,728	20,728	+ 2,000
MANPOWER, PERSONNEL AND TRAINING ADV TECH DEV	21,042	23,042	+ 2,000
ENVIRONMENTAL QUALITY AND LOGISTICS ADVANCED TECHNOLOG	20,919	26,919	+ 6,000
UNDERSEA WARFARE ADVANCED TECHNOLOGY	56,827	60,027	+ 3,200
MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	41,710	42,710	+ 1,000
ADVANCED TECHNOLOGY TRANSITION	74,392	84,392	+ 10,000
C3 ADVANCED TECHNOLOGY	22,294	29,794	+ 7,500
MARITIME TECHNOLOGY .....	.....	20,000	+ 20,000
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	460,725	521,525	+ 60,800
DEMONSTRATION & VALIDATION:			
AIR/OCEAN TACTICAL APPLICATIONS	28,824	28,824	.....
AVIATION SURVIVABILITY	8,164	8,164	.....
ASW SYSTEMS DEVELOPMENT	20,184	20,184	.....
TACTICAL AIRBORNE RECONNAISSANCE	1,479	1,479	.....
ADVANCED COMBAT SYSTEMS TECHNOLOGY	8,653	8,653	.....
SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	73,491	80,491	+ 7,000
ADVANCED SUBMARINE COMBAT SYSTEMS DEVELOPMENT	68,402	68,402	.....
CARRIER SYSTEMS DEVELOPMENT	154,307	74,307	- 80,000
SHIPBOARD SYSTEM COMPONENT DEVELOPMENT	27,725	24,725	- 3,000
SHIP COMBAT SURVIVABILITY	7,595	7,595	.....
PILOT FISH	117,094	117,094	.....
RETRACT JUNIPER	11,055	11,055	.....
RADIOLOGICAL CONTROL	3,600	3,600	.....
SURFACE ASW	11,871	11,871	.....
ADVANCED SUBMARINE SYSTEM DEVELOPMENT	60,520	60,520	.....
SUBMARINE TACTICAL WARFARE SYSTEMS	4,676	4,676	.....
SHIP CONCEPT ADVANCED DESIGN	14,900	14,900	.....
SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	42,668	8,000	- 34,668
ADVANCED NUCLEAR POWER SYSTEMS	118,342	118,342	.....
ADVANCED SURFACE MACHINERY SYSTEMS	58,419	63,419	+ 5,000
CHALK EAGLE	122,031	122,031	.....
COMBAT SYSTEM INTEGRATION	9,654	9,654	.....
CONVENTIONAL MUNITIONS	39,775	39,775	.....
MARINE CORPS ASSAULT VEHICLES	104,822	104,822	.....
MARINE CORPS MINE/COUNTERMEASURES SYSTEMS—ADV DEV	1,958	1,958	.....
MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	37,133	50,633	+ 13,500
JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	10,756	10,756	.....
COOPERATIVE ENGAGEMENT	131,623	141,623	+ 10,000
OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	15,257	15,257	.....
ENVIRONMENTAL PROTECTION	59,438	61,938	+ 2,500
NAVY ENERGY PROGRAM	4,592	4,592	.....
FACILITIES IMPROVEMENT	1,861	1,861	.....
CHALK CORAL	97,552	97,552	.....
RETRACT MAPLE	117,186	117,186	.....
LINK PLUMERIA	22,123	22,123	.....
RETRACT ELM	11,665	11,665	.....
SHIP SELF DEFENSE—DEM/VAL	12,337	12,337	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
COMBAT SYSTEMS OCEANOGRAPHIC PERFORMANCE ASSESSMENT ..			
SPECIAL PROCESSES	81,743	81,743	
NATO RESEARCH AND DEVELOPMENT	11,004	9,004	- 2,000
LAND ATTACK TECHNOLOGY	110,104	92,404	- 17,700
JOINT STRIKE FIGHTER (JSF)—DEM/VAL	463,402	478,402	+ 15,000
NONLETHAL WEAPONS—DEM/VAL	22,592	35,892	+ 13,300
JOINT PRECISION APPROACH AND LANDING SYSTEMS			
HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS)	9,827	9,827	
SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE ..	17,955	20,955	+ 3,000
TOTAL, DEMONSTRATION & VALIDATION	2,358,359	2,290,291	- 68,068
ENGINEERING & MANUFACTURING DEVL:			
TRAINING SYSTEM AIRCRAFT	595	595	
OTHER HELO DEVELOPMENT	231,120	253,120	+ 22,000
AV-8B AIRCRAFT—ENG DEV	13,787	13,787	
STANDARDS DEVELOPMENT	51,987	51,987	
S-3 WEAPON SYSTEM IMPROVEMENT	31,469	26,469	- 5,000
AIR/OCEAN EQUIPMENT ENGINEERING	6,162	6,162	
P-3 MODERNIZATION PROGRAM	3,046	3,046	
TACTICAL COMMAND SYSTEM	50,713	50,713	
H-1 UPGRADES	98,542	121,942	+ 23,400
ACOUSTIC SEARCH SENSORS	29,637	29,637	
V-22A	355,142	355,142	
AIR CREW SYSTEMS DEVELOPMENT	9,454	9,454	
EW DEVELOPMENT	128,586	138,586	+ 10,000
SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	132,561	134,561	+ 2,000
ARSENAL SHIP			
LPD-17 CLASS SYSTEMS INTEGRATION	1,343	1,343	
TRI-SERVICE STANDOFF ATTACK MISSILE	2,064	2,064	
VERTICAL LAUNCH ASROC			
STANDARD MISSILE IMPROVEMENTS	1,320	6,320	+ 5,000
AIRBORNE MCM	24,967	26,967	+ 2,000
SSN-688 AND TRIDENT MODERNIZATION	50,300	65,300	+ 15,000
AIR CONTROL	4,198	8,198	+ 4,000
ENHANCED MODULAR SIGNAL PROCESSOR	1,599	1,599	
SHIPBOARD AVIATION SYSTEMS	8,531	8,531	
SHIP SURVIVABILITY	6,196	6,196	
COMBAT INFORMATION CENTER CONVERSION	4,704	4,704	
SUBMARINE COMBAT SYSTEM	11,710	11,710	
SWATH (SMALL WATERPLANE AREA TWIN HULL) OCEANOGRAPHIC ...			
NEW DESIGN SSN	218,816	231,816	+ 13,000
SSN-21 DEVELOPMENTS	27,456	27,456	
SUBMARINE TACTICAL WARFARE SYSTEM	28,573	30,573	+ 2,000
SHIP CONTRACT DESIGN/LIVE FIRE T&E	133,645	137,645	+ 4,000
NAVY TACTICAL COMPUTER RESOURCES	8,249	8,249	
MINE DEVELOPMENT	15	15	
UNGUIDED CONVENTIONAL AIR-LAUNCHED WEAPONS	5,183	5,183	
LIGHTWEIGHT TORPEDO DEVELOPMENT	8,106	8,106	
MARINE CORPS MINE COUNTERMEASURES SYSTEMS—ENG DEV	3,855	3,855	
JOINT DIRECT ATTACK MUNITION	11,738	11,738	
JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,037	7,037	
PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	1,235	1,235	
NAVY ENERGY PROGRAM	5,544	3,544	- 2,000
BATTLE GROUP PASSIVE HORIZON EXTENSION SYSTEM	5,770	5,770	
JOINT STANDOFF WEAPON SYSTEMS	73,022	73,022	
SHIP SELF DEFENSE—EMD	148,165	156,665	+ 8,500
MEDICAL DEVELOPMENT	4,321	5,321	+ 1,000
NAVIGATION/ID SYSTEM	42,301	42,301	
DISTRIBUTED SURVEILLANCE SYSTEM	42,017	42,017	
COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE	28,500	18,500	- 10,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
TOTAL, ENGINEERING & MANUFACTURING DEVEL	2,063,281	2,158,181	+ 94,900
RDT&E MANAGEMENT SUPPORT:			
THREAT SIMULATOR DEVELOPMENT	24,400	24,400	.....
TARGET SYSTEMS DEVELOPMENT	54,800	50,800	- 4,000
MAJOR T&E INVESTMENT	17,281	17,281	.....
STUDIES AND ANALYSIS SUPPORT—NAVY	10,132	10,132	.....
CENTER FOR NAVAL ANALYSES	44,201	44,201	.....
FLEET TACTICAL DEVELOPMENT	2,748	2,748	.....
TECHNICAL INFORMATION SERVICES	8,513	6,013	- 2,500
MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	28,690	17,690	- 11,000
STRATEGIC TECHNICAL SUPPORT	2,213	2,213	.....
RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	64,455	64,455	.....
RDT&E INSTRUMENTATION MODERNIZATION	8,530	8,530	.....
RDT&E SHIP AND AIRCRAFT SUPPORT	57,421	57,421	.....
TEST AND EVALUATION SUPPORT	260,601	245,601	- 15,000
OPERATIONAL TEST AND EVALUATION CAPABILITY	9,194	9,194	.....
NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	3,477	3,477	.....
SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	13,185	17,185	+ 4,000
MARINE CORPS PROGRAM WIDE SUPPORT	7,132	7,132	.....
TOTAL, RDT&E MANAGEMENT SUPPORT	616,973	588,473	- 28,500
OPERATIONAL SYSTEMS DEVELOPEMENT:			
HARPOON MODIFICATIONS	1,965	1,965	.....
STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	56,604	56,604	.....
SSBN SECURITY TECHNOLOGY PROGRAM	33,588	33,588	.....
SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	8,328	8,328	.....
F/A-18 SQUADRONS	357,214	336,314	- 20,900
E-2 SQUADRONS	47,797	47,797	.....
FLEET TELECOMMUNICATIONS (TACTICAL)	16,297	16,297	.....
TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) ...	66,727	66,727	.....
INTEGRATED SURVEILLANCE SYSTEM	19,772	19,772	.....
AMPHIBIOUS TACTICAL SUPPORT UNITS	1,945	1,945	.....
CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	28,390	35,390	+ 7,000
ELECTRONIC WARFARE (EW) READINESS SUPPORT	3,716	3,716	.....
HARM IMPROVEMENT	18,921	18,921	.....
TACTICAL DATA LINKS	49,757	49,757	.....
SURFACE ASW COMBAT SYSTEM INTEGRATION	9,390	9,390	.....
MK-48 ADCAP	17,550	17,550	.....
AVIATION IMPROVEMENTS	64,956	68,956	+ 4,000
NAVY SCIENCE ASSISTANCE PROGRAM .....	.....	12,000	+ 12,000
F-14 UPGRADE	12,947	12,947	.....
OPERATIONAL NUCLEAR POWER SYSTEMS	54,183	54,183	.....
MARINE CORPS COMMUNICATIONS SYSTEMS	50,594	50,594	.....
MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	14,699	17,699	+ 3,000
MARINE CORPS COMBAT SERVICES SUPPORT	4,634	4,634	.....
TACTICAL AIM MISSILES	65,855	65,855	.....
ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	4,862	4,862	.....
SATELLITE COMMUNICATIONS (SPACE)	18,188	18,188	.....
INFORMATION SYSTEMS SECURITY PROGRAM	22,201	22,201	.....
WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	469	469	.....
DEFENSE METEOROLOGICAL SATELLITE PROGRAM (SPACE)	11,671	11,671	.....
JOINT C4ISR BATTLE CENTER (JBC)	5,352	5,352	.....
JOINT MILITARY INTELLIGENCE PROGRAMS	2,302	2,302	.....
VERTICAL TAKEOFF LANDING .....	.....	10,000	+ 10,000
ADVANCED SENSORS/TECH .....	.....	8,448	+ 8,448
COMMON IMAGERY GROUND/SURFACE SYS .....	.....	4,966	+ 4,966
MANNED RECONNAISSANCE SYSTEMS	342	342	.....
NAVAL SPACE SURVEILLANCE	399	399	.....
DEPOT MAINTENANCE (NON-IF)	69,967	49,967	- 20,000
INDUSTRIAL PREPAREDNESS	59,060	59,060	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
CLASSIFIED PROGRAMS	521,541	528,241	+ 6,700
ECONOMIC ASSUMPTIONS			
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	1,722,183	1,737,397	+ 15,214
TOTAL, RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY	8,108,923	8,215,519	+ 106,596

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE

Appropriations, 1998	\$14,507,804,000
Budget estimate, 1999	13,598,093,000
Committee recommendation	13,693,153,000

The Committee recommends an appropriation of \$13,693,153,000 for the Air Force's research, development, test, and evaluation programs, an increase of \$95,060,000 to the budget request.

The budget activities and programs funded under this appropriation are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

Airborne laser [ABL].—The Committee provides \$235,219,000, a net decrease of \$57,000,000 to the budget request for airborne laser development. The Committee recommendation deletes \$97,000,000, consistent with the Senate-reported Department of Defense authorization bill. The reduction deletes funds for air vehicle integration and checkout and for purchase of the aircraft. The Committee has added \$40,000,000 to support ground testing of ABL components as a risk reduction measure prior to proceeding with aircraft integration.

In a 1994 briefing to the Committee, the Air Force outlined a risk mitigation approach for the Airborne Laser Program. One criteria the Air Force established prior to proceeding to ABL demonstrator development was propagation and lethality. The Air Force planned to determine whether we can kill the target by focusing sufficient lethal energy under representative operational conditions. The Committee does not believe that this criteria has been met. Therefore, the Committee has added \$40,000,000 for ground testing and integration necessary to meet this criteria prior to proceeding with purchase of an aircraft and integration. These added funds should be used to conduct ground testing of a representative laser against a representative airborne target at appropriate separation distances. The tests should yield information on laser beam quality and energy deposition on the target.

Spacetrack.—The Committee recommends \$42,832,000 for the Spacetrack Program, an increase of \$3,300,000. Of this amount, \$1,400,000 is only for the spectrograph program underway at Maui space surveillance site. The balance of \$1,900,000 is provided only to fully fund AEOS-related acquisition and research. Currently, AEOS research-related activities are conducted by the Air Force Research Laboratory (Phillips Lab) in conjunction with Air Force Space Command. The acquisition of the AEOS telescope combined

with existing assets located at the site and nearby, will enable the Air Force to oversee a wide range of space and directed energy technology research for current and future Air Force, other defense, and scientific needs. This new capability will allow the activity to expand its research efforts while still serving the important mission requirements of Space Command. Limiting the site to supporting only the operational requirements of one user would marginalize the utility of and investment in AEOS. Therefore, the Committee directs the Air Force Research Laboratory to maintain responsibility for all defense and reimbursable research activities at the site. The Committee is also aware that Air Force Space Command is examining the use of the National Guard in managing its operations at the site. The Committee expects to be kept fully informed of this matter and directs that the Air Force report to the Committee prior to implementing any change in the utilization of the Guard.

F-16 squadrons.—The Committee expresses its concern about the aging of F-16A/B aircraft flown by the Air National Guard Wings in North Dakota, Arkansas, Minnesota, and Montana. These aircraft are approaching, and in some cases have exceeded, their projected useful life. In order to ensure that these wings continue their role in our Nation's defense, the Committee provides \$20,000,000 to define a service life extension and capability enhancement package for Air National Guard F-16A/B aircraft. The Committee directs that these funds be directed toward initiation of kit production in fiscal year 2000 and subsequent delivery and installation of these kits at the earliest possible date.

Major T&E investment.—The Committee has provided \$5,000,000 to continue analysis and design of a hypersonic test facility which would be a one-of-a-kind, national test facility, capable of simulating true air conditions in Mach numbers of 8 and beyond. Presently there are no continuous flow facilities in the United States capable of simulating air flows beyond Mach 8. Such a test facility would create new hypersonic research, development, and test opportunities for DOD.

Advanced spacecraft technology.—The Committee understands that the Air Force has initiated a solar orbit transfer vehicles [SOTV] flight demonstration program, scheduled to fly on the first EELV test flight in October 2001. The SOTV system potentially can reduce the cost of launch for DOD payloads and provide greater operational capability and improved survivability for satellites on orbit. The Committee also acknowledges the savings to the Government that can be achieved by utilizing space on the EELV test flight for the SOTV flight demonstration. The Committee recommends an increase of \$7,500,000 for the SOTV flight demonstration program.

Target systems development.—The Committee believes that the extensive electronic warfare [EW] capabilities of the BCPO are at risk of being lost to the DOD test, training, and evaluation communities because of escalating cost. The BCPO, a White Sands Missile Range asset, provides EW T&E, training and EW vulnerability assessments worldwide and is essential to the exploration of new equipment effectiveness and suitability testing and to the assessment of operational concepts applicable to DOD missions at large.

While these capabilities are critical to DOD missions, it is difficult for development programs to bear the full operating and maintenance costs and flying hour rate charges. Therefore, the Committee has provided \$8,000,000 only for the Air Force to pay the basic maintenance, operating, and upgrade costs for Big Crow assets.

The Committee, therefore, directs that the Secretary of Defense provide a report no later than December 31, 1999, outlining a management and funding plan for sustaining Big Crow electronic warfare test assets in fiscal year 2000 and beyond.

U-2 Program.—The U-2/TR-1 operated between 1985 and 1992 without one single class A mishap. Since 1992 to the present, there have been seven. The Committee is extremely concerned about the high incidence of class A mishaps and supports the Department's efforts to initiate efforts, such as complete contractor logistics support, to ensure that this critical program is preserved.

The Committee has provided \$7,500,000 only for sustainment of the RAS-1R prime mission equipment until the next generation improvements, currently under contract, are available.

The Committee has provided an additional \$6,600,000 only to begin preliminary designs for glass cockpit (\$3,000,000) and JP-8 conversion (\$3,600,000) efforts. The Committee expects the Air Force to include funding for these much needed modernization programs in its fiscal year 2000 budget submission.

OTHER ADJUSTMENTS

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements based on delays in the release of prior-year funds; late award of contract efforts; slow execution of prior-year funds; or differences between the budget request and current actual program plans.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Titan space launch vehicles (space)	87,443	77,443	– 10,000
Redesign and Requalification Program delays		– 10,000	– 10,000

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Dual Use Applications Program	19,606	10,000	– 9,606
Program reduction		– 9,606	– 9,606

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Intercontinental ballistic missile—dem/val	29,360	16,360	–13,000
Advanced inertial measurement unit [AIMU]		–8,000	–8,000
AIMU interferometric fiber optic gyro		–3,000	–3,000
Sensor/instrumentation integration		–2,000	–2,000
Hard and Deeply Buried Target Defeat System [HDBTDS] Program	9,803		–9,803
Commercial operations and support savings initiative	27,937	17,937	–10,000
B–52 squadrons	6,436	5,036	–1,400
JSOW integration delay		–1,400	–1,400
Advanced medium-range air-to-air missile [AMRAAM]	45,078	36,078	–9,000
AMRAAM P ³ I engineering and manufacturing development program delay		–9,000	–9,000
Joint surveillance and target attack radar system [Joint STARS]	123,793	98,793	–25,000
Radar Technology Insertion Program		–25,000	–25,000
Missile and space technical collection	18,595	12,595	–6,000
E–4B National Airborne Operations Center	4,233	2,143	–2,090
Development of A and B specs		–2,090	–2,090
NAVSTAR global positioning system (user equipment) (space)	67,238	36,638	–30,600
Navigation warfare engineering and manufacturing development		–28,600	–28,600
Undefined product improvement efforts		–2,000	–2,000
C–5 airlift squadrons	47,940	33,736	–14,204
System design and test		–8,415	–8,415
Preproduction fabrication		–3,209	–3,209
Software development		–2,580	–2,580
C–17 aircraft	123,069	108,069	–15,000
Open architecture communications control unit ..		–15,000	–15,000
KC–135's	11,093	1,093	–10,000
KC–135 CINC support aircraft		–10,000	–10,000

Program and project funding increases.—The Committee recommends the addition or designation of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Air Force to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Air Force.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Defense research sciences	209,395	209,395	
National Solar Observatory		(650)	(650)
Air Force Research Lab mission-focused research projects through Air Force Institute of Technology		(5,000)	(5,000)
Advanced materials for weapon systems	21,006	25,006	+4,000
Aerospace metals programs		4,000	+4,000
Advanced avionics for aerospace vehicles	26,442	29,442	+3,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Enhanced recognition and sensing laser radar [ERASER]		3,000	+ 3,000
Advanced weapons technology	40,153	46,153	+ 6,000
Field laser radar upgrades		6,000	+ 6,000
Space-based infrared system [SBIRS] high EMD	538,438	543,238	+ 4,800
SABRS integration		4,800	+ 4,800
Threat simulator development	32,582	39,582	+ 7,000
Real-time electromagnetic digitally controlled processor [REDCAP]/digital integrated air defense system [DIADS] simulation integration with ECIT		4,000	+ 4,000
REDCAP/DIADS:			
Simulation threat correlation		600	+ 600
Special project laydowns		1,000	+ 1,000
Technology proliferation		1,400	+ 1,400
Major T&E investment	34,518	39,518	+ 5,000
Hypersonic wind tunnel		5,000	+ 5,000
Pollution prevention	1,673	6,673	+ 5,000
Advanced low pollution coating technology		5,000	+ 5,000
F-16 squadrons	125,076	145,076	+ 20,000
Air National Guard Service Life Extension/Enhancement Program		20,000	+ 20,000
Special Evaluation Program	92,551	102,551	+ 10,000
Sensor fuzed weapons	3,551	7,551	+ 4,000
Active laser sensor redesign in P ³ I program		4,000	+ 4,000
Airborne warning and control system [AWACS]	28,189	36,189	+ 8,000
Mission computing and sensor processing modernization		8,000	+ 8,000
Information warfare support	1,375	3,375	+ 2,000
REDCAP/CATT modeling and simulation adaptation		2,000	+ 2,000
Foreign Technology Division	1,234	1,834	+ 600
Spacetrack (Space)	39,532	42,832	+ 3,300
AEOS activities		3,300	+ 3,300
Industrial preparedness	50,997	53,997	+ 3,000
Aerospace metals programs		3,000	+ 3,000
Productivity, Reliability, Availability, Maintainability Program Office [PRAMPO]	970	14,970	+ 14,000
Aging Landing Gear Life Extension Program		6,000	+ 6,000
Blade repair facility		8,000	+ 8,000
Cobra ball		8,000	+ 8,000
Advanced airborne sensor		8,000	+ 8,000

Program transfers.—The Committee recommends the following funding adjustments to effect funding transfers requested by the Department of Defense, to align programs in the proper development category, to better link specific development projects with related efforts, or to restore funds to the traditional funding line in the budget.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Region/Sector Operation Control Center Modernization			
Program	13,592	18,792	+ 5,200
Procurement funds transfer		5,200	+ 5,200
Endurance unmanned aerial vehicles	4,307	155,457	+ 151,150
Global Hawk transfer/increase		115,051	+ 115,051
CGS transfer		36,099	+ 36,099
Advanced sensors/technology		134,768	+ 134,768
Transfer		125,768	+ 125,768
EO framing		9,000	+ 9,000
CIG/SS		20,379	+ 20,379
Transfer		20,379	+ 20,379
Manned reconnaissance systems		21,566	+ 21,566
Transfer		7,466	+ 7,466
Fuel conversion		3,600	+ 3,600
Glass cockpit		3,000	+ 3,000
RAS-1R		7,500	+ 7,500

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Materials	62,578	68,678	+ 6,100
Friction stir welding		1,500	+ 1,500
Environmentally safe aircraft coating ¹		2,000	+ 2,000
Inorganic/organic optical limiters ¹		2,600	+ 2,600
Aerospace propulsion	69,061	69,561	+ 500
Variable displacement vane pump [VDVP]		2,000	+ 2,000
Program reduction		− 4,000	− 4,000
Thermophotovoltaics ¹		2,500	+ 2,500
Phillips Laboratory exploratory development	116,139	125,139	+ 9,000
HAARP		9,000	+ 9,000
Aerospace propulsion subsystems integration	30,814	27,814	− 3,000
Program reduction		− 3,000	− 3,000
Aerospace propulsion and power technology	38,984	36,984	− 2,000
Program reduction		− 2,000	− 2,000
Crew systems and personnel protection technology	16,603	35,103	+ 18,500
Aircrew laser eye protection		5,500	+ 5,500
Panoramic night vision goggles		3,000	+ 3,000
ACES II risk reduction ¹		2,000	+ 2,000
Helmet display technology ¹		8,000	+ 8,000
Electronic combat technology	25,553	39,553	+ 14,000
AN/ALR-69 radar warning receiver improvements ...		14,000	+ 14,000
Ballistic missile technology		16,000	+ 16,000
GPS range safety development and demonstration		16,000	+ 16,000
Advanced spacecraft technology	42,571	65,071	+ 22,500
Range upgrades to support upper stage flight experiments		5,000	+ 5,000
Solar orbital transfer vehicle		7,500	+ 7,500
Micro-Satellite Technology Program		10,000	+ 10,000
Airborne Laser Program	292,219	235,219	− 57,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Aircraft purchase and integration		-97,000	-97,000
Ground testing and targets ²		40,000	+40,000
Satellite system survivability		15,000	+15,000
NATO research and development (H)	11,117	10,717	-400
Program reduction		-400	-400
Variable stability in-flight simulator test aircraft		7,400	+7,400
NF-16D VISTA support		3,800	+3,800
NF-16D VISTA VSS:			
Improvements		1,100	+1,100
Ground simulator		1,500	+1,500
Hotbench		1,000	+1,000
EW development	90,126	100,126	+10,000
Classified adjustment		10,000	+10,000
Global positioning system block IIF (space)	62,591	84,591	+22,000
Enhanced GPS		22,000	+22,000
Target systems development	1,666	9,666	+8,000
KC-135 Big Crow Program		8,000	+8,000
Test and evaluation support	370,168	366,168	-4,000
Program reduction		-4,000	-4,000
Development planning	6,075	4,075	-2,000
Program reduction		-2,000	-2,000
Theater battle management [TBM] C ⁴ I	27,292	32,292	+5,000
Theater battle management core system [TBMCS] development		5,000	+5,000

¹ Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of this report section.

² Program increase is further detailed in the report language contained in this report section.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE			
BASIC RESEARCH: DEFENSE RESEARCH SCIENCES	209,395	209,395	
APPLIED RESEARCH:			
MATERIALS	62,578	68,678	+6,100
AEROSPACE FLIGHT DYNAMICS	64,932	64,932	
ARMSTRONG LAB EXPLORATORY DEVELOPMENT	60,805	60,805	
AEROSPACE PROPULSION	69,061	69,561	+500
AEROSPACE AVIONICS	65,549	65,549	
HYPERSONIC TECHNOLOGY PROGRAM	16,649	16,649	
PHILLIPS LAB EXPLORATORY DEVELOPMENT	116,139	125,139	+9,000
CONVENTIONAL MUNITIONS	41,529	41,529	
COMMAND CONTROL AND COMMUNICATIONS	65,175	65,175	
DUAL USE APPLICATIONS PROGRAM	19,606	10,000	-9,606
TOTAL, APPLIED RESEARCH	582,023	588,017	+5,994
ADVANCED TECHNOLOGY DEVELOPMENT:			
LOGISTICS SYSTEMS TECHNOLOGY	8,677	8,677	
INTEGRATED DATA SYSTEMS			
ADVANCED MATERIALS FOR WEAPON SYSTEMS	21,006	25,006	+4,000
AEROSPACE PROPULSION SUBSYSTEMS INTEGRATION	30,814	27,814	-3,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
ADVANCED AVIONICS FOR AEROSPACE VEHICLES	26,442	29,442	+ 3,000
FLIGHT VEHICLE TECHNOLOGY	7,035	7,035	.....
AEROSPACE STRUCTURES	12,494	12,494	.....
AEROSPACE PROPULSION AND POWER TECHNOLOGY	38,984	36,984	- 2,000
PERSONNEL, TRAINING AND SIMULATION TECHNOLOGY	6,636	6,636	.....
CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY	16,603	35,103	+ 18,500
FLIGHT VEHICLE TECHNOLOGY INTEGRATION	7,674	7,674	.....
ADVANCED AVIONICS INTEGRATION	10,536	10,536	.....
ELECTRONIC COMBAT TECHNOLOGY	25,553	39,553	+ 14,000
SPACE AND MISSILE ROCKET PROPULSION	21,121	21,121	.....
BALLISTIC MISSILE TECHNOLOGY .....	.....	16,000	+ 16,000
ADVANCED SPACECRAFT TECHNOLOGY	42,571	65,071	+ 22,500
SPACE SYSTEMS ENVIRONMENTAL INTERACTIONS TECHNOLOGY	3,457	3,457	.....
CONVENTIONAL WEAPONS TECHNOLOGY	23,244	23,244	.....
ADVANCED WEAPONS TECHNOLOGY	40,153	46,153	+ 6,000
WEATHER SYSTEMS TECHNOLOGY	1,568	1,568	.....
ENVIRONMENTAL ENGINEERING TECHNOLOGY	2,663	2,663	.....
C ³ SUBSYSTEM INTEGRATION	11,025	11,025	.....
ADVANCED COMPUTING TECHNOLOGY	7,827	7,827	.....
C ³ ADVANCED DEVELOPMENT	13,235	13,235	.....
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	379,318	458,318	+ 79,000
DEMONSTRATION AND VALIDATION:			
INTELLIGENCE ADVANCED DEVELOPMENT	4,615	4,615	.....
AIRBORNE LASER PROGRAM	292,219	235,219	- 57,000
ADVANCED MILSATCOM (SPACE)	54,413	54,413	.....
POLAR ADJUNCT (SPACE)	41,508	41,508	.....
NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL	64,732	64,732	.....
SATELLITE SYSTEM SURVIVABILITY .....	.....	15,000	+ 15,000
SPACE BASED INFRARED ARCHITECTURE (SPACE)—DEM/VAL	160,262	160,262	.....
COMMAND, CONTROL, AND COMMUNICATION APPLICATIONS	7,770	7,770	.....
COMBAT IDENTIFICATION TECHNOLOGY	6,177	6,177	.....
NATO RESEARCH AND DEVELOPMENT(H)	11,117	10,717	- 400
JOINT STRIKE FIGHTER	456,137	456,137	.....
INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	29,360	16,360	- 13,000
C-130J—DEM/VAL .....	.....	.....	.....
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) .....	.....	.....	.....
GLOBAL BROADCAST SERVICE	70,147	70,147	.....
AIR FORCE/NRO PARTNERSHIP (AFNP)	17,645	17,645	.....
JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL	22,057	22,057	.....
SPACE-BASED LASER	35,000	35,000	.....
VARIABLE STABILITY IN-FLIGHT SIMULATOR TEST AIRCRAFT .....	.....	7,400	+ 7,400
HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS)	9,803	.....	- 9,803
TOTAL, DEMONSTRATION & VALIDATION	1,282,962	1,225,159	- 57,803
ENGINEERING AND MANUFACTURING DEVELOPMENT:			
INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	10,762	10,762	.....
ENGINE MODEL DERIVATIVE PROGRAM (EMDP) .....	.....	.....	.....
NUCLEAR WEAPONS SUPPORT	4,977	4,977	.....
B-1B	195,385	195,385	.....
TRAINING SYSTEMS DEVELOPMENT	1,961	1,961	.....
SPECIALIZED UNDERGRADUATE PILOT TRAINING	55,563	55,563	.....
F-22 EMD	1,582,217	1,582,217	.....
B-2 ADVANCED TECHNOLOGY BOMBER	131,247	131,247	.....
MANPOWER, PERSONNEL AND TRAINING DEVELOPMENT .....	.....	.....	.....
EW DEVELOPMENT	90,126	100,126	+ 10,000
SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	538,438	543,238	+ 4,800
SPACE BASED INFRARED SYSTEM (SBIRS) LOW EMD	33,328	33,328	.....
MILSTAR LDR/MDR SATELLITE COMMUNICATIONS (SPACE)	550,940	550,940	.....
GLOBAL POSITIONING SYSTEM BLOCK IIF (SPACE)	62,591	84,591	+ 22,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
MUNITIONS DISPENSER DEVELOPMENT	7,559	7,559	.....
ARMAMENT/ORDNANCE DEVELOPMENT	12,037	12,037	.....
SUBMUNITIONS	4,805	4,805	.....
JOINT STANDOFF LAND ATTACK MISSILE (JSLAM) .....	.....	.....	.....
AIR BASE OPERABILITY	2,503	2,503	.....
JOINT DIRECT ATTACK MUNITION	12,204	12,204	.....
AEROMEDICAL/CHEMICAL DEFENSE SYSTEMS	3,336	3,336	.....
LIFE SUPPORT SYSTEMS	3,744	3,744	.....
CIVIL, FIRE, ENVIRONMENTAL, SHELTER ENGINEERING	2,715	2,715	.....
JOINT STANDOFF WEAPONS SYSTEMS	15,134	15,134	.....
COMBAT TRAINING RANGES	14,581	14,581	.....
COMPUTER RESOURCE TECHNOLOGY TRANSITION (CRTT)	200	200	.....
INTELLIGENCE EQUIPMENT	1,300	1,300	.....
JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	7,956	7,956	.....
COMMON LOW OBSERVABLES VERIFICATION SYSTEM (CLOVERS)	4,901	4,901	.....
JOINT INTEROPERABILITY OF TACTICAL COMMAND & CONTROL	5,823	5,823	.....
COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE	27,937	17,937	-10,000
INTERCONTINENTAL BALLISTIC MISSILE—EMD	81,546	81,546	.....
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)	280,297	280,297	.....
RDT&E FOR AGING AIRCRAFT	4,901	4,901	.....
JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....	.....	.....	.....
COMBAT INTELLIGENCE SYSTEM .....	.....	.....	.....
COMBAT SURVIVOR EVADER LOCATOR .....	.....	.....	.....
TOTAL, ENGINEERING AND MANUFACTURING DEVELOPMENT	3,751,014	3,777,814	+ 26,800
RDT&E MANAGEMENT SUPPORT:			
SPACE TEST PROGRAM (SPACE) .....	.....	.....	.....
THREAT SIMULATOR DEVELOPMENT	32,582	39,582	+ 7,000
TARGET SYSTEMS DEVELOPMENT	1,666	9,666	+ 8,000
MAJOR T&E INVESTMENT	34,518	39,518	+ 5,000
RAND PROJECT AIR FORCE	21,168	21,168	.....
RANCH HAND II EPIDEMIOLOGY STUDY	4,408	4,408	.....
SMALL BUSINESS INNOVATION RESEARCH .....	.....	.....	.....
INITIAL OPERATIONAL TEST & EVALUATION	24,541	24,541	.....
TEST AND EVALUATION SUPPORT	370,168	366,168	- 4,000
DEVELOPMENT PLANNING	6,075	4,075	- 2,000
ENVIRONMENTAL CONSERVATION .....	.....	.....	.....
POLLUTION PREVENTION	1,673	6,673	+ 5,000
ENVIRONMENTAL COMPLIANCE .....	.....	.....	.....
ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	7,865	7,865	.....
SPACE TEST PROGRAM (STP)	45,933	45,933	.....
MINOR CONSTRUCTION (RPM)—RDT&E .....	.....	.....	.....
MAINTENANCE AND REPAIR (RPM)—RDT&E .....	.....	.....	.....
REAL PROPERTY SERVICES (RPS)—RDT&E .....	.....	.....	.....
BASE OPERATIONS—RDT&E .....	.....	.....	.....
INTERNATIONAL ACTIVITIES	3,752	3,752	.....
TOTAL, RDT&E MANAGEMENT SUPPORT	554,349	573,349	+ 19,000
OPERATIONAL SYSTEMS DEVELOPEMENT:			
B-52 SQUADRONS	6,436	5,036	- 1,400
ADVANCED CRUISE MISSILE .....	.....	.....	.....
JOINT SURVEILLANCE SYSTEM	2,175	2,175	.....
REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION	13,592	18,792	+ 5,200
NORTH ATLANTIC DEFENSE SYSTEM	615	615	.....
A-10 SQUADRONS	2,312	2,312	.....
F-16 SQUADRONS	125,076	145,076	+ 20,000
F-15E SQUADRONS	104,207	104,207	.....
MANNED DESTRUCTIVE SUPPRESSION	2,443	2,443	.....
F-117A SQUADRONS	5,147	5,147	.....
TACTICAL AIM MISSILES	52,966	52,966	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	45,078	36,078	- 9,000
PODDED RECONNAISSANCE SYSTEM			
AF TENCAP	6,447	6,447	
SPECIAL EVALUATION PROGRAM	92,551	102,551	+ 10,000
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	92,069	92,069	
SENSOR FUSED WEAPONS	3,551	7,551	+ 4,000
JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	132,870	132,870	
THEATER AIR CONTROL SYSTEMS	431	431	
COMBAT INTELLIGENCE SYSTEM	9,802	9,802	
AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	28,189	36,189	+ 8,000
ADVANCED COMMUNICATIONS SYSTEMS	2,348	2,348	
EVALUATION AND ANALYSIS PROGRAM	84,950	72,150	- 12,800
ADVANCED PROGRAM TECHNOLOGY	74,707	74,707	
THEATER BATTLE MANAGEMENT (TBM) C ⁴ I	27,292	32,292	+ 5,000
JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM	123,793	98,793	- 25,000
SEEK EAGLE	17,590	17,090	- 500
ADVANCED PROGRAM EVALUATION	272,914	251,014	- 21,900
USAF MODELING AND SIMULATION	14,899	14,899	
WAR GAMING AND SIMULATION CENTERS	5,287	5,287	
MISSION PLANNING SYSTEMS	17,090	17,090	
TACTICAL INFORMATION PROGRAM (TIP)	10,685	10,685	
INFORMATION WARFARE SUPPORT	1,375	3,375	+ 2,000
WAR RESERVE MATERIEL—EQUIPMENT/SECONDARY ITEMS	1,470	1,470	
THEATER MISSILE DEFENSES	31,057	31,057	
TECHNICAL EVALUATION SYSTEM	113,040	113,040	
SPECIAL EVALUATION SYSTEM	61,119	61,119	
FOREIGN TECHNOLOGY DIVISION	1,234	1,834	+ 600
MISSILE AND SPACE TECHNICAL COLLECTION	18,595	12,595	- 6,000
MANAGEMENT HEADQUARTERS GDIP	1,241	1,241	
E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	4,233	2,143	- 2,090
DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPACE)	15,641	15,641	
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	39,230	39,230	
INFORMATION SYSTEMS SECURITY PROGRAM	8,420	8,420	
GLOBAL COMBAT SUPPORT SYSTEM	17,973	17,973	
JOINT SPECTRUM CENTER (JSC)			
GLOBAL COMMAND AND CONTROL SYSTEM	13,675	13,675	
WORLD-WIDE MILITARY COMMAND AND CONTROL SYSTEMS			
MILSTAR SATELLITE COMMUNICATIONS SYSTEM (SPACE)	2,352	2,352	
SELECTED ACTIVITIES	3,000	3,000	
GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	27,056	27,056	
SATELLITE CONTROL NETWORK (SPACE)	56,622	56,622	
WEATHER SERVICE	10,649	10,649	
AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM	4,729	4,729	
MEDIUM LAUNCH VEHICLES (SPACE)	7,375	7,375	
SECURITY AND INVESTIGATIVE ACTIVITIES	458	458	
NATIONAL AIRSPACE SYSTEM (NAS) PLAN	1,881	1,881	
INERTIAL UPPER STAGE (IUS)	558	558	
TITAN SPACE LAUNCH VEHICLES (SPACE)	87,443	77,443	- 10,000
DEFENSE AIRBORNE RECONNAISSANCE PROGRAM			
TACTICAL TERMINAL	237	237	
DEFENSE METEOROLOGICAL SATELLITE PROGRAM (SPACE)	20,432	20,432	
NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT)	67,238	36,638	- 30,600
NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL)	21,155	21,155	
EASTERN SPACE LAUNCH FACILITY (ESLF) (SPACE)	24,578	24,578	
ENDURANCE UNMANNED AERIAL VEHICLES	4,307	155,457	+ 151,150
ADVANCED SENSORS/TECHNOLOGY		134,768	+ 134,768
COMMON IMSGERY GROUND/SURFACE SYS		20,379	+ 20,379
MANNED RECONNAISSANCE SYSTEMS		21,566	+ 21,566
NCMC—TW/AA SYSTEM	7,878	7,878	
SPACETRACK (SPACE)	39,532	42,832	+ 3,300
DEFENSE SUPPORT PROGRAM (SPACE)	12,037	12,037	
NUDET DETECTION SYSTEM (SPACE)	13,314	13,314	

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
SPACE ARCHITECT	13,714	13,714	.....
EVOLVED EXPENDABLE LAUNCH VEHICLE (EELV) (SPACE)	3,316	3,316	.....
MODELING AND SIMULATION SUPPORT	1,093	1,093	.....
C-5 AIRLIFT SQUADRONS	47,940	33,736	- 14,204
C-17 AIRCRAFT	123,069	108,069	- 15,000
AIR CARGO MATERIAL HANDLING-463-L) (NON-IF)	512	512	.....
KC-135S	11,093	1,093	- 10,000
DEPOT MAINTENANCE (NON-IF)	1,500	1,500	.....
INDUSTRIAL PREPAREDNESS	50,997	53,997	+ 3,000
PRODUCTIVITY, RELIABILITY, AVAILABILITY, MAINTAIN	970	14,970	+ 14,000
JOINT LOGISTICS PROGRAM—AMMUNITION STANDARD SYSTEM	16,086	16,086	.....
SUPPORT SYSTEMS DEVELOPMENT	23,010	23,010	.....
CRYPTOLOGIC/SIGINT-RELATED SKILL TRAINING .....	.....	.....	.....
CIVILIAN COMPENSATION PROGRAM	6,756	6,756	.....
NATO JOINT STARS .....	.....	.....	.....
COBRA BALL (FLD) .....	.....	8,000	+ 8,000
CLASSIFIED PROGRAMS	4,420,330	4,189,930	- 230,400
ECONOMIC ASSUMPTIONS .....	.....	.....	.....
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	6,839,032	6,861,101	+ 22,069
TOTAL, RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE	13,598,093	13,693,153	+ 95,060

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE

Appropriations, 1998	\$9,821,760,000
Budget estimate, 1999	9,314,665,000
Committee recommendation	9,032,908,000

The Committee recommends an appropriation of \$9,032,908,000 for defense-wide research, development, test, and evaluation programs, a decrease of \$281,757,000 to the budget request.

The budget activities and programs funded under this appropriation are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

Defense research sciences.—The Committee recognizes the critical need for DOD to seek new technologies to prevent corrosion, reduce corrosion-related costs, and extend the life of aircraft in a manner compatible with environmental concerns. The current use of chromium positive ions, identified by the Environmental Protection Agency [EPA] as hazardous material, poses maintenance and removal problems for the Armed Services. The Committee is aware of interdisciplinary research in anticorrosion and provides \$1,200,000 to support research on the improvement of testing methods, instrumentation, and procedures for characterizing coated aluminum clad systems used in aircraft fleets.

The Committee further is aware of research on the applications of spectral hole burning [SHB], a technique which exploits lasers and developing optoelectronics technologies. Storage devices using SHB techniques and materials recently established a world record for bandwidth-spatial density. This technology holds great promise for meeting the high-speed network needs and high-density storage requirements of next generation computing and internet devices.

The Committee directs that up to \$2,000,000 shall be made available only for research on applications of SHB to optical time and frequency domain memory, signal processing, delay, routing, and optical frequency standards.

The Committee also urges the Department of Defense to accommodate the funding levels recommended in the Senate-reported Department of Defense authorization bill for continuation of the United States-Japan Management Training Program.

The Committee encourages the Defense Advanced Research Projects Agency [DARPA] to support advanced acoustics research coordinated by a multiuniversity research institution with a regional advanced acoustics research and development program. In particular, the Committee supports research on medical ultrasound technology, which may have applications for noninvasive remote surgery as well as battlefield trauma, and research on the photoacoustic detection of chemical and biological warfare agents.

Gulf war illness.—The Committee notes that the Department has spent considerable resources to determine what factors may have contributed to the gulf war illnesses afflicting thousands of veterans. The Department has a need to rapidly determine the exposure of deployed troops to environmental threats, including weapons of mass destruction. The same method could also help determine whether military personnel had been exposed to a chemical agent due to a terrorist attack, even if outward symptoms are not immediately apparent. The Committee directs the Department to establish a biomonitoring system to assess exposures of military personnel to weapons of mass destruction and other toxic substances. The Department shall establish this system in the most cost-effective manner.

Computing systems and communications technology.—The Committee is aware that the sponsorship of the Software Engineering Institute [SEI] was transferred in June 1997, from the Defense Advanced Research Projects Agency [DARPA] to the Office of the Under Secretary of Defense for Acquisition and Technology, but that the funding request for SEI in fiscal year 1999 is included within the programs administered by DARPA. The Committee recommendation provides \$17,100,000, the budget request amount, only for continued activities at SEI.

Advanced electronics technology.—The Committee directs that the \$10,000,000 made available for mask research is provided to DARPA for support of x-ray masks for the F-22, Apache Longbow, and other defense programs.

Defense Special Weapons Agency [DSWA].—The Committee is dismayed to learn that the Department is giving serious consideration to the fragmentation and transfer of the critical nuclear and WMD-related functions currently performed by Field Command DSWA. Previous studies and efficient management practices in an era of downsizing argue in favor of consolidated execution by a single entity. Field Command is already efficiently performing essential nuclear stockpile support, nuclear surety inspections, and WMD-related testing as a key member of the New Mexico nuclear corridor. These functions are fundamental and integral to the mission of the new Defense Threat Reduction Agency [DTRA] and shall be the responsibility of the new Agency. In the interest of effi-

ciency and colocation of activities, the Committee believes that all of these functions should continue to be performed by DTRA at the present Field Command locations.

Physical security equipment.—Of the amount appropriated for physical security, the Committee has included \$3,000,000 for analytic system and software for evaluating safe guards and security which has also been included by the authorizing committee.

Humanitarian demining technologies.—The Committee continues to support demining research and development efforts and directs that within funds appropriated for this program, \$800,000 is to be used for research and development of acoustic technologies.

Pacific Disaster Center.—The Committee recommends \$8,000,000 for the Pacific Disaster Center [PDC] to support current operations. The Committee has been informed that the Air Weather Service is interested in studying climatology impacts through modeling and simulation and believes the PDC should examine how it might aid this proposal. PDC should also examine ways to expand its current outreach efforts with the local community through continued use of and financial linkage to the economic development board.

DOD's reorganization plan which combines the Office of the Assistant Secretary of Defense, C³I, and the Deputy Under Secretary of Defense for Space offers a unique opportunity for the newly formed organization to combine the efforts of several different projects with civilian and defense interests involved in emergency management. The programs include the Pacific Disaster Center, hazard support system, Project Wildfire, global disaster information network, and other related emergency management initiatives. The Committee believes continuity of management is critical to the success of the aforementioned programs and, therefore, directs that the office formerly under the Deputy Under Secretary of Defense for Space shall continue to maintain oversight over and responsibility for these programs within the newly formed organization.

NATO imagery interoperability.—Of the funds provided for NATO R&D, \$4,000,000 may be used for the purpose of modifying the image product library to make these systems compatible with NATO imagery formats outlined in applicable NATO standardization agreements 7023 and 4545.

Information Systems Security Program.—The Committee directs that of the funds appropriated, \$500,000 shall be available only for the high security computational structure project focused on mitigation of information warfare threats.

Special operations technology development.—The Committee notes that wireless video links with extended ranges may have very broad applications ranging from force protection, surveillance, reconnaissance, counterdrug, and counterintelligence. Given the broad spectrum of applicability through U.S. military operations and requirements, the Committee encourages the Department to consider funding for the continued development of miniature audio visual surveillance systems.

BALLISTIC MISSILE DEFENSE ORGANIZATION

Ballistic Missile Defense Organization [BMDO].—The Committee has provided \$3,178,498,000 for research, development, test, and evaluation [RDT&E] efforts on national and theater ballistic mis-

sile defense systems and technologies. This appropriation represents an overall decrease of \$442,000 to the Ballistic Missile Defense Organization [BMDO] RDT&E budget request. The Committee also provides \$258,880,000 for procurement of ballistic missile defense systems and components, a reduction of \$150,500,000 to the budget request. Thus, the total appropriation for ballistic missile defense programs in this bill is \$3,437,378,000. The Committee has made a number of adjustments to individual RDT&E accounts.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Support technologies—applied research	86,866	100,866	+ 14,000
Wide bandgap semiconductor research		14,000	+ 14,000
Support technologies—advanced technology development	166,676	299,676	+ 133,000
Scorpius space launch technology development ..		5,000	+ 5,000
Excalibur space launch technology development		5,000	+ 5,000
Space-based laser technology demonstrator		94,000	+ 94,000
Atmospheric intercept technology		22,000	+ 22,000
Photoconduction on active pixel sensors		5,000	+ 5,000
Silicon thick film mirror coatings		2,000	+ 2,000
Theater high-altitude area defense—TMD	497,752	497,752	
User operational evaluation system		– 180,000	– 180,000
Demonstration/validation program continuation ..		180,000	+ 180,000
NAVY theaterwide	190,446	295,446	+ 105,000
Navy Theaterwide Program increase		70,000	+ 70,000
Navy theaterwide radar improvements competition		35,000	+ 35,000
MEADS concepts—dem/val	43,027	10,027	– 33,000
MEADS Program termination		– 43,027	– 43,027
MEADS support and participation in ADSAM experiments		10,027	+ 10,027
Boost phase intercept theater missile defense acquisition—dem/val		10,000	+ 10,000
Joint theater missile defense—dem/val	176,846	209,346	+ 32,500
Extended air defense testbed		7,500	+ 7,500
Pacific Missile Range facility [PMRF] TMD upgrades		20,000	+ 20,000
Optical-electro sensors		5,000	+ 5,000
Kauai test facility [KTF]		(5,000)	(5,000)
BMD technical operations	190,147	192,147	+ 2,000
Advanced Research Center [ARC]		7,000	+ 7,000
Program reduction		– 5,000	– 5,000
International cooperative programs	50,676	62,676	+ 12,000
ARROW deployability/interoperability		12,000	+ 12,000
Threat and countermeasures	22,113	25,113	+ 3,000
Long-range missile feasibility assessment		3,000	+ 3,000
Theater high-altitude area defense system—TMD—EMD	323,942		– 323,942
Program reduction		– 323,942	– 323,942
Patriot PAC–3 theater missile defense acquisition—EMD	137,265	182,265	+ 45,000
Procurement funds transfer		40,000	+ 40,000
PAC–3 air directed surface-to-air missile testing		5,000	+ 5,000

Theater high altitude area defense [THAAD].—The Committee recommendation provides \$497,752,000 for continuation of the THAAD Demonstration/Validation Program. The Committee has deleted all funds requested for THAAD engineering and manufacturing development.

Within the amount proposed for the THAAD Demonstration/Validation Program, the Committee has deleted all \$180,000,000 budgeted for the purchase of 40 user operational evaluation system [UOES] missiles. The Committee has repeatedly raised questions about the proposal to purchase 40 THAAD missiles based on a single intercept test. The Committee has restored these deleted funds to the demonstration/validation program to ensure fully funded continuation of THAAD development.

Patriot PAC-3.—The Committee recommendation provides a total increase of \$45,000,000 for continuation of the Patriot PAC-3 engineering and manufacturing development program. A portion of the increase, \$40,000,000, has been transferred from PAC-3 procurement as requested by the Department of Defense. The Committee directs that the additional increase of \$5,000,000 be devoted only to engineering changes and the production of at least two PAC-3 missiles which will be dedicated to ADSAM testing. Additional Committee observations on this issue are outlined in the title IV overview section of this report.

Family of systems engineering and integration [FoS E&I].—The Committee directs that \$10,000,000 of the funds in this program element be dedicated to BMDO participation in the planning and conduct of ADSAM and ADAAM demonstrations. The Committee believes that the lessons learned could have long-term benefits to both ballistic missile defense and air defense. Additional Committee observations on this issue are outlined in the title IV overview section of this report.

BMD technical operations.—The Committee continues to support the efforts being performed at the Space and Missile Defense Command's Advanced Research Center [ARC]. The ARC has proven its worth in the development of both theater and national missile defense systems. Therefore, the Committee increases the amount available for the ARC by \$7,000,000, providing a total of at least \$14,756,000.

OTHER ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Next generation internet	40,000	30,000	- 10,000
Program reduction		- 10,000	- 10,000
Computing systems and communications technology	417,723	346,323	- 71,400
Hand free interface development		- 7,500	- 7,500
Joint infrastructure protection		- 69,900	- 69,900
Software security research ¹		500	+ 500
Asset source for software engineering technology [ASSET] ²		2,500	+ 2,500
Reuse Technology Adoption Program ²		3,000	+ 3,000
Joint Warfighting Program	23,700	19,100	- 4,600
Program reduction		- 4,600	- 4,600
Command, control, and communications systems	200,100	177,000	- 23,100
Dynamic Data Bases Program growth		- 5,000	- 5,000
Joint Forward Air Component Commander [JFACC] acceleration		- 5,800	- 5,800
Dynamic multiuser information fusion [DMIF]		- 8,000	- 8,000
JSIMS Program reduction		- 4,300	- 4,300
Sensor and guidance technology	213,154	233,054	+ 19,900
Enhanced global positioning receiver [GPX]		- 5,600	- 5,600
Low cost cruise missile defense airframe design and integration		- 7,500	- 7,500
Air directed surface-to-air missile demonstration ³		30,000	+ 30,000
Large millimeter telescope ²		3,000	+ 3,000
Land warfare technology	108,490	93,490	- 15,000
Reconnaissance, surveillance, and targeting vehicle		- 9,000	- 9,000
Tactical mobile robots acceleration		- 3,000	- 3,000
Situation Awareness System Program growth		- 3,000	- 3,000
Joint Wargaming Simulation Management Office	70,696	61,496	- 9,200
Program reduction		- 9,200	- 9,200
Physical security equipment	31,792	25,792	- 6,000
Program reduction		- 6,000	- 6,000
Industrial capabilities assessments	2,937		- 2,937
Program reduction		- 2,937	- 2,937

¹ Program adjustment recommended as described under the heading "Authorization adjustments."

² Increase reflects Committee recommendations as outlined in the "Program and project increases" heading of this report section.

³ Recommended increase as outlined in the discussion section of this report heading.

Program and project funding increases.—The Committee recommends the addition or designation of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by representatives of the Department of Defense [DOD] to address budget shortfalls; and to effect funding transfers recommended by the Committee or DOD.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
University research initiatives	216,320	219,320	+ 3,000
Southern Observatory for Astronomical Research [SOAR]		3,000	+ 3,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Anticorrosion research on aluminum clad systems used in aircraft fleets		(1,250)	
Defense Experimental Program to Stimulate Competitive Research [DEPSCoR] ¹		(20,000)	
Software quality and productivity		(1,300)	
Tactical technology	188,995	192,995	+ 4,000
Center of Excellence for Research in Ocean Sciences [CEROS]		7,000	+ 7,000
Simulation-based design		5,000	+ 5,000
Microadaptive flow control		- 3,000	- 3,000
Counterartillery force protection		- 5,000	- 5,000
Materials and electronics technology	244,408	271,408	+ 27,000
Multitechnology integration in mixed-mode electronics [MIME] ¹		8,000	+ 8,000
3-D diamond electronics		9,000	+ 9,000
Seamless high off chip connectivity [SHOCC]		8,000	+ 8,000
Cryogenic/superconducting electronics		8,000	+ 8,000
Electromagnetic pulse [EMP]		2,000	+ 2,000
Sonoelectronics		- 8,000	- 8,000
Explosives demilitarization technology	11,650	14,850	+ 3,200
Program increase		2,000	+ 2,000
Demilitarization advanced cutting technology		1,200	+ 1,200
Advanced electronics technologies	244,737	261,337	+ 16,600
Advanced lithography ¹		10,000	+ 10,000
Defense Techlink Center		1,000	+ 1,000
Center for Advanced Microstructures and Devices [CAMD]		4,000	+ 4,000
Mask research and development		10,000	+ 10,000
Molecular Level Printing Program acceleration		- 3,300	- 3,300
Submarine sensor suite development		- 5,100	- 5,100
CALS initiative	1,863	6,863	+ 5,000
IDE ¹		5,000	+ 5,000
Humanitarian demining	17,234	19,234	+ 2,000
Humanitarian demining		2,000	+ 2,000
Defense reconnaissance support activities (space)	40,504	48,504	+ 8,000
Pacific Disaster Center		8,000	+ 8,000
Special operations tactical systems development	106,238	113,238	+ 7,000
Special operations intelligence vehicle		5,000	+ 5,000
Light vehicle intercom system		2,000	+ 2,000

¹ Program adjustment recommended as described under the heading "Authorization adjustments."

Program transfers.—The Committee recommends the following funding adjustments to effect funding transfers requested by the Department of Defense, to align programs in the proper development category, to better link specific development projects with related efforts, or to restore funds to the traditional funding line in the budget.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Maritime technology	15,000		- 15,000
Tactical unmanned aerial vehicles	37,192		- 37,192
Endurance unmanned aerial vehicles	178,668		- 178,668

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Dark Star termination		-52,518	-52,518
Airborne reconnaissance systems	162,666	15,000	-147,666
Manned reconnaissance systems	10,840	5,874	-4,966
Distributed common ground systems	34,985	4,200	-30,785
DARP integration and support	15,701		-15,701

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Chemical and Biological Defense Program	25,282	30,282	+5,000
Chemical and biological agent detection sensors		5,000	+5,000
Medical free electron laser	9,706	16,706	+7,000
MFEL		7,000	+7,000
Biological warfare defense	88,000	82,500	-5,500
Program reduction		-7,000	-7,000
Biological warfare multimedia demonstration		1,500	+1,500
Chemical and Biological Defense Program	57,683	66,683	+9,000
Chemical and biological agent detection sensors		5,000	+5,000
Safeguard		4,000	+4,000
Integrated command and control technology	34,000	42,000	+8,000
High-definition systems		8,000	+8,000
WMD-related technologies	203,598	221,598	+18,000
Nuclear weapons effects technology base		10,000	+10,000
Thermionics		5,000	+5,000
Deep Digger		3,000	+3,000
Counterterror technical support	35,813	40,813	+5,000
Facial recognition technology		4,000	+4,000
Pulsed fast neutron analysis ¹		1,000	+1,000
Counterproliferation support—adv dev	70,611	77,611	+7,000
HAARP		3,000	+3,000
Counterproliferation analysis planning system [CAPS] ¹		4,000	+4,000
Generic logistics R&D technology demonstrations	17,788	21,788	+4,000
Computer-assisted technology transfer [CATT]		4,000	+4,000
Advanced concept technology demonstrations	116,330	110,330	-6,000
Program reduction		-6,000	-6,000
High-Performance Computing Modernization Program	140,927	163,927	+23,000
Operation and upgrade of supercomputing centers purchased with research, development, test, and evaluation funds		20,000	+20,000
High-Performance Visualization Center		3,000	+3,000
Advanced sensor applications program	15,147	17,147	+2,000
HAARP		2,000	+2,000
NATO research and development	10,762	8,462	-2,300
Program reduction		-2,300	-2,300
Joint Robotics Program—eng dev	11,307	18,307	+7,000
Joint robotics technology		6,000	+6,000
Robotic combat support system [RCSS] with flail-head for demining		1,000	+1,000
Classified programs—C ³ I	439	6,439	+6,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Program increase		6,000	+ 6,000
Defense technology analysis	5,010	8,010	+ 3,000
Commodity management system consolidation		3,000	+ 3,000
Defense technical information services [DTIC]	46,469	45,469	- 1,000
Program reduction		- 1,000	- 1,000
Classified programs	1,057,100	1,148,000	+ 91,000
Program increase		91,000	+ 91,000

¹ Increase reflects Committee recommendations as outlined in the "Program and project increases" heading of this report section.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	2,173	2,173	
DEFENSE RESEARCH SCIENCES	65,102	65,102	
UNIVERSITY RESEARCH INITIATIVES	216,320	219,320	+ 3,000
GULF WAR ILLNESS	19,646	19,646	
GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEARCH	9,870	9,870	
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	25,282	30,282	+ 5,000
TOTAL, BASIC RESEARCH	338,393	346,393	+ 8,000
APPLIED RESEARCH:			
NEXT GENERATION INTERNET	40,000	30,000	- 10,000
SUPPORT TECHNOLOGIES—APPLIED RESEARCH	86,866	100,866	+ 14,000
MEDICAL FREE ELECTRON LASER	9,706	16,706	+ 7,000
HISTORICALLY BLACK COLLEGES AND UNIVERSITIES			
LINCOLN LABORATORY RESEARCH PROGRAM	19,641	19,641	
COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY	417,723	346,323	- 71,400
BIOLOGICAL WARFARE DEFENSE	88,000	82,500	- 5,500
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	57,683	66,683	+ 9,000
TACTICAL TECHNOLOGY	188,995	192,995	+ 4,000
INTEGRATED COMMAND AND CONTROL TECHNOLOGY	34,000	42,000	+ 8,000
MATERIALS AND ELECTRONICS TECHNOLOGY	244,408	271,408	+ 27,000
WMD RELATED TECHNOLOGIES	203,598	221,598	+ 18,000
DEFENSE SPECIAL WEAPONS AGENCY			
MEDICAL TECHNOLOGY	9,239	9,239	
COMMAND AND CONTROL RESEARCH	1,961	1,961	
TOTAL, APPLIED RESEARCH	1,401,820	1,401,920	+ 100
ADVANCED TECHNOLOGY DEVELOPMENT:			
MEDICAL ADVANCED TECHNOLOGY	2,136	2,136	
EXPLOSIVES DEMILITARIZATION TECHNOLOGY	11,650	14,850	+ 3,200
DEMINEING			
ALTERNATIVE TO LANDMINES	4,753	4,753	
COUNTERTERROR TECHNICAL SUPPORT	35,813	40,813	+ 5,000
COUNTERPROLIFERATION SUPPORT—ADV DEV	70,611	77,611	+ 7,000
COUNTERPROLIFERATION SUPPORT—ADV DEV			
SUPPORT TECHNOLOGIES—ADVANCED TECHNOLOGY DEVELOPMENT	166,676	299,676	+ 133,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	13,447	13,447	.....
AUTOMATIC TARGET RECOGNITION	5,081	5,081	.....
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEV	42,762	42,762	.....
SPECIAL TECHNICAL SUPPORT	11,337	11,337	.....
VERIFICATION TECHNOLOGY DEMONSTRATION	63,052	63,052	.....
VERIFICATION TECHNOLOGY DEMONSTRATION .....	.....	.....	.....
GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	17,788	21,788	+ 4,000
STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....	.....	.....	.....
JOINT WARFIGHTING PROGRAM	23,700	19,100	− 4,600
AGILE PORT DEMONSTRATION .....	.....	.....	.....
COOPERATIVE DOD/VA MEDICAL RESEARCH .....	.....	.....	.....
ADVANCED ELECTRONICS TECHNOLOGIES	244,737	261,337	+ 16,600
MARITIME TECHNOLOGY	15,000	.....	− 15,000
ELECTRIC VEHICLES .....	.....	.....	.....
ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS	116,330	110,330	− 6,000
COMMERCIAL TECHNOLOGY INSERTION PROGRAM .....	.....	.....	.....
ELECTRONIC COMMERCE RESOURCE CENTERS .....	.....	.....	.....
HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	140,927	163,927	+ 23,000
COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	200,100	177,000	− 23,100
COMMUNICATION AND SIMULATION TECHNOLOGY	56,114	56,114	.....
SENSOR AND GUIDANCE TECHNOLOGY	213,154	233,054	+ 19,900
MARINE TECHNOLOGY	24,788	24,788	.....
LAND WARFARE TECHNOLOGY	108,490	93,490	− 15,000
CLASSIFIED DARPA PROGRAMS	55,500	55,500	.....
JOINT STRIKE FIGHTER (JSF)—DEM/VAL .....	.....	.....	.....
DUAL USE APPLICATIONS PROGRAMS .....	.....	.....	.....
DUAL USE APPLICATION PROGRAMS	6,000	6,000	.....
JOINT WARGAMING SIMULATION MANAGEMENT OFFICE	70,696	61,496	− 9,200
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	1,720,642	1,859,442	+ 138,800
DEMONSTRATION & VALIDATION:			
PHYSICAL SECURITY EQUIPMENT	31,792	25,792	− 6,000
INTEGRATED DIAGNOSTICS	3,436	3,436	.....
JOINT ROBOTICS PROGRAM	16,217	16,217	.....
ADVANCED SENSOR APPLICATIONS PROGRAM	15,147	17,147	+ 2,000
CALS INITIATIVE	1,863	6,863	+ 5,000
NATO RESEARCH AND DEVELOPMENT .....	.....	.....	.....
NATO RESEARCH AND DEVELOPMENT	10,762	8,462	− 2,300
ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM ...	17,051	17,051	.....
ALL SERVICE COMBAT IDENTIFICATION EVALUATION TEAM	13,014	13,014	.....
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—TMD	497,752	497,752	.....
NAVY THEATER WIDE	190,446	295,446	+ 105,000
MEADS CONCEPTS—DEM/VAL	43,027	10,027	− 33,000
BOOST PHASE INTERCEPT THEATER MISSILE DEFENSE ACQUISIT .....	.....	10,000	+ 10,000
NATIONAL MISSILE DEFENSE—DEM/VAL	950,473	950,473	.....
JOINT THEATER MISSILE DEFENSE—DEM/VAL	176,846	209,346	+ 32,500
FAMILY-OF SYSTEMS ENGINEERING AND INTEGRATION	96,915	96,915	.....
BMD TECHNICAL OPERATIONS	190,147	192,147	+ 2,000
INTERNATIONAL COOPERATIVE PROGRAMS	50,676	62,676	+ 12,000
THREAT AND COUNTERMEASURES	22,113	25,113	+ 3,000
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	60,404	60,404	.....
ASAT .....	.....	.....	.....
HUMANITARIAN DEMINING	17,234	19,234	+ 2,000
TECHNICAL STUDIES, SUPPORT AND ANALYSIS	980	980	.....
CRITICAL TECHNOLOGY SUPPORT	2,618	2,618	.....
TOTAL, DEMONSTRATION & VALIDATION	2,408,913	2,541,113	+ 132,200
ENGINEERING & MANUFACTURING DEVEL:			
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	125,312	125,312	.....
JOINT ROBOTICS PROGRAM—ENG DEV	11,307	18,307	+ 7,000

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO)	15,588	15,588	.....
JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	30,512	30,512	.....
COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE	13,410	13,410	.....
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—TMD—EMD	323,942	.....	- 323,942
PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION—EM	137,265	182,265	+ 45,000
NAVY AREA THEATER MISSILE DEFENSE—EMD	245,796	245,796	.....
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	903,132	631,190	- 271,942
RDT&E MANAGEMENT SUPPORT:			
UNEXPLODED ORDNANCE DETECTION AND CLEARANCE	1,273	1,273	.....
ASSESSMENTS AND EVALUATIONS	3,916	3,916	.....
TECHNICAL STUDIES, SUPPORT AND ANALYSIS	30,021	30,021	.....
USD(A&T)—CRITICAL TECHNOLOGY SUPPORT .....	.....	.....	.....
BLACK LIGHT	5,000	5,000	.....
FOREIGN MATERIAL ACQUISITION AND EXPLOITATION	35,035	35,035	.....
INDUSTRIAL CAPABILITIES ASSESSMENTS	2,937	.....	- 2,937
JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	17,423	17,423	.....
CLASSIFIED PROGRAMS	13,755	13,755	.....
CLASSIFIED PROGRAM USD(P) .....	.....	.....	.....
COUNTERPROLIFERATION SUPPORT	9,874	9,874	.....
COUNTERPROLIFERATION SUPPORT .....	.....	.....	.....
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	24,922	24,922	.....
CLASSIFIED PROGRAMS—C ³	439	6,439	+ 6,000
SMALL BUSINESS INNOVATION RESEARCH ADMINISTRATION	1,820	1,820	.....
DEFENSE TECHNOLOGY ANALYSIS	5,010	8,010	+ 3,000
DEFENSE TECHNICAL INFORMATION SERVICES (DTIC)	46,469	45,469	- 1,000
DEFENSE TECHNICAL INFORMATION CENTER .....	.....	.....	.....
R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVAL	8,248	8,248	.....
MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	38,611	38,611	.....
C ³ INTELLIGENCE PROGRAMS	1,657	1,657	.....
TOTAL, RDT&E MANAGEMENT SUPPORT	246,410	251,473	+ 5,063
OPERATIONAL SYSTEMS DEVELOPEMENT:			
C ³ INTEROPERABILITY	26,296	26,296	.....
JOINT ANALYTICAL MODEL IMPROVEMENT PROGRAM	1,847	1,847	.....
NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	1,189	1,189	.....
DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION ..	4,975	4,975	.....
LONG-HAUL COMMUNICATIONS (DCS)	11,561	11,561	.....
SUPPORT OF THE NATIONAL COMMUNICATIONS SYSTEM	4,428	4,428	.....
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	3,061	3,061	.....
INFORMATION SYSTEMS SECURITY PROGRAM	239,081	239,081	.....
C ⁴ FOR THE WARRIOR	2,819	2,819	.....
C ⁴ FOR THE WARRIOR	3,675	3,675	.....
JOINT SPECTRUM CENTER	8,839	8,839	.....
DEFENSE IMAGERY AND MAPPING PROGRAM	114,417	114,417	.....
FOREIGN COUNTERINTELLIGENCE ACTIVITIES	418	418	.....
DEFENSE AIRBORNE RECONNAISSANCE PROGRAM .....	.....	.....	.....
DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE)	40,504	48,504	+ 8,000
JOINT C ⁴ ISR BATTLE CENTER (JBC) .....	.....	.....	.....
C ³ INTELLIGENCE PROGRAMS	8,015	8,015	.....
TACTICAL UNMANNED AERIAL VEHICLES	37,192	.....	- 37,192
ENDURANCE UNMANNED AERIAL VEHICLES	178,668	.....	- 178,668
AIRBORNE RECONNAISSANCE SYSTEMS	162,666	15,000	- 147,666
MANNED RECONNAISSANCE SYSTEMS	10,840	5,874	- 4,966
MANNED RECONNAISSANCE SYSTEMS	4,085	4,085	.....
DISTRIBUTED COMMON GROUND SYSTEMS	34,985	4,200	- 30,785
DARP INTEGRATION AND SUPPORT	15,701	.....	- 15,701
TACTICAL CRYPTOLOGIC ACTIVITIES	104,510	104,510	.....
MANAGEMENT HEADQUARTERS (AUXILIARY FORCES) .....	.....	.....	.....
INDUSTRIAL PREPAREDNESS	26,231	26,231	.....

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
MANAGEMENT HEADQUARTERS (OJCS)	9,617	9,617	.....
JOINT SIMULATION SYSTEM	24,775	24,775	.....
PARTNERSHIP FOR PEACE ACTIVITIES	1,957	1,957	.....
SMALL BUSINESS INNOVATIVE RESEARCH/SMALL BUS TECH TRAN ... ..	.....	.....	.....
SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT	4,026	4,026	.....
SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT	8,020	8,020	.....
SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT	106,238	113,238	+ 7,000
SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	1,805	1,805	.....
SOF MEDICAL TECHNOLOGY DEVELOPMENT	2,015	2,015	.....
SOF OPERATIONAL ENHANCEMENTS	33,799	33,799	.....
CERP .....	.....	.....	.....
CLASSIFIED PROGRAMS	1,057,100	1,163,100	+ 106,000
ECONOMIC ASSUMPTIONS .....	.....	.....	.....
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	2,295,355	2,001,377	- 293,978
TOTAL, RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE	9,314,665	9,032,908	- 281,757

DEVELOPMENTAL TEST AND EVALUATION, DEFENSE

Appropriations, 1998	\$258,183,000
Budget estimate, 1999	251,106,000
Committee recommendation	249,106,000

The Committee recommends an appropriation of \$249,106,000 for the “Developmental test and evaluation, defense” account, a decrease of \$2,000,000 from the budget request.

COMMITTEE RECOMMENDED ADJUSTMENT

Authorization adjustment.—The Committee recommends the following adjustment based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1999.

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Developmental test and evaluation	96,253	94,253	- 2,000
Program reduction .....	.....	- 2,000	- 2,000

OPERATIONAL TEST AND EVALUATION, DEFENSE

Appropriations, 1998	\$31,384,000
Budget estimate, 1999	25,245,000
Committee recommendation	25,245,000

The Committee recommends an appropriation of \$25,245,000 for the “Operational test and evaluation, defense” account.

TITLE V

REVOLVING AND MANAGEMENT FUNDS

The Committee recommends appropriations totaling \$669,566,000 for title V, revolving and management funds. This is \$251,400,000 above the budget request.

The Committee provides funding for the defense working capital fund and the national defense sealift fund under this heading.

DEFENSE WORKING CAPITAL FUNDING ADJUSTMENTS

Appropriations, 1998	\$971,952,000
Budget estimate, 1999	94,500,000
Committee recommendation	94,500,000

On May 18, 1998, the administration submitted a budget amendment that would allow the Secretary of Defense to transfer up to \$350,000,000 from the national defense stockpile transaction fund to the defense working capital funds, providing that the amounts transferred be returned to the stockpile fund not later than September 30, 1999. The Committee has included \$151,000,000 in transfer authority to support this emergent requirement.

NATIONAL DEFENSE SEALIFT FUND

Appropriations, 1998	\$1,074,948,000
Budget estimate, 1999	418,166,000
Committee recommendation	669,566,000

This appropriation provides funds for the lease, operation, and supply of prepositioning ships; operation of the Ready Reserve Force; acquisition of large medium speed roll-on/roll-off ships for the Military Sealift Command; and acquisition of ships for the Ready Reserve Force.

The budget includes \$335,000,000 for Ready Reserve Force and \$83,166,000 for acquisition activities in fiscal year 1999.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1999 budget estimate	Committee recommendation	Change from budget estimate
Acquisition	83,166	334,566	+ 251,400

TITLE VI
OTHER DEPARTMENT OF DEFENSE APPROPRIATIONS
CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Appropriations, 1998	\$600,700,000
Budget estimate, 1999	855,100,000
Committee recommendation	780,150,000

The Committee recommends an appropriation of \$780,150,000 for the “Chemical agents and munitions destruction, defense” account for fiscal year 1999, a decrease of \$74,950,000 from the budget estimate.

The Chemical Stockpile Disposal Program provides resources to develop and test monitoring and disposal technology; equip, operate, and maintain disposal facilities; provide transportation of chemical agents and munitions onsite for disposal; dispose of all chemical agent destruction waste products; and decontaminate and dismantle all disposal equipment at the conclusion of toxic operations.

COMMITTEE RECOMMENDATIONS

BUDGET ACTIVITY 1—RESEARCH AND DEVELOPMENT

Research and development.—The fiscal year 1999 budget request includes \$182,780,000 for the development of alternative technologies to incineration for disposal of chemical agents and the design, acquisition and testing of prototype equipment for the recovery and treatment of the nonstockpile chemical materiel. The Committee recommends \$172,780,000, a decrease of \$10,000,000 below the budget request as recommended by the Senate Armed Services Committee. The Committee provides an additional \$5,000,000 to accelerate the development and fielding of the Army’s mobile munitions assessment system.

BUDGET ACTIVITY 2—PROCUREMENT

Procurement.—The Department requested \$140,670,000 for the procurement of process and support equipment used for the baseline destruction of chemical munitions in the stockpile, chemical stockpile emergency preparedness project [CSEPP] equipment, and the nonstockpile chemical material project [NSCMP] equipment. Also included are costs for initial spares, freight, software, maintenance and operations manuals relating to specific equipment, and design changes during construction and installation.

The Committee recommends providing \$115,670,000 for procurement activities in fiscal year 1999, a reduction of \$25,000,000 from the budget request as authorized by the Senate Armed Services Committee.

BUDGET ACTIVITY 3—OPERATIONS AND MAINTENANCE

Operation and maintenance.—The fiscal year 1999 budget request includes \$531,650,000 for operations and maintenance funds for management, technical, and operational, support required for demilitarization of the chemical stockpile, emergency response activities, and support to the Nonstockpile Chemical Material Program. The Committee recommends providing \$491,700,000 a decrease of \$40,000,000 below the budget request as recommended by the Senate Armed Services Committee.

DEFENSE HEALTH PROGRAM

Appropriations, 1998	\$10,369,075,000
Budget estimate, 1999	10,055,822,000
Committee recommendation	10,337,322,000

The Committee's recommendation for the Defense Health Program [DHP] provides \$10,337,322,000, an amount \$281,500,000 above the budget request.

MEDICAL RESEARCH AND DEVELOPMENT

The Committee lauds the medical research and development activities conducted by the Department of Defense. To better reflect the funds allocated to the Department of Defense for medical programs, the Committee has included the funding provided to the Department for medical research in the Defense Health Program.

The Committee provides a total of \$250,000,000 for medical research activities conducted by the Department. Of this amount, the Committee directs that not less than \$135,000,000 be available for peer review breast cancer research and not less than \$40,000,000 be available for peer review prostate cancer research. The remaining funds are to be used for peer review medical research grants and activities that focus on issues pertinent to our military forces. Such efforts would include breast cancer; prostate cancer; diabetes; alcoholism research; sleep management; chemical weapons treatment; dental; DOD/VA medical research; dystrophic epidermolysis bullosa; disease management; emergency telemedicine; excel hematopoietic brain stem cell separation, cleansing, and enrichment technology; healthcare information protection; lung research; laser eye injury/eye cancer research and treatment; minimally invasive therapy; mustard gas antidote; national biodynamics; neurofibromatosis; nutrition; osteoporosis and bone-related diseases; ovarian cancer; prostate diagnostic imaging; retinal display technology for cardiovascular research; smoking cessation; digital mammography; and telemedicine. The Committee directs the Deputy Secretary of Defense work with the Surgeons General of the services to establish a medical research program that satisfies military objectives in this area.

OTHER COMMITTEE ADJUSTMENTS

Digital mobile mammography.—The Committee continues to support this vital component of breast cancer research and encourages the Department to continue its efforts in this area.

Uniformed Services University of Health Sciences [USUHS].—The Committee recommends an addition of \$8,310,000 to continue

meeting funding requirements for USUHS within overall Defense Health Program funding.

Graduate school of nursing.—The Committee recommends \$2,300,000 for use in support of the graduate school of nursing advanced nursing programs that continue to contribute to readiness and the cost-effective health care delivery missions of the uniformed services.

Pacific Island Health Care Program.—The Committee recommendation includes \$5,000,000 in support of health care services to Pacific islanders.

Cancer Control Program.—The Committee has provided \$5,600,000 only to continue efforts of the Coastal Cancer Control Program.

Center for Disaster Management [CDMHA] and the Casualty Care Research Center [CCRC].—The Committee suggests that \$760,000 be provided from the Center of Excellence in Disaster Management funding to develop and expand distributed and distance learning, training, education, consultation, and technology transfer in the application of remotely deployed medicine for disaster needs assessment, clinical and logistical consultation, and data acquisition for evidence-based improvements in provision of services in domestic and international, military, and civilian setting.

Alaska Federal Health Care Partnership [AFHCAN].—In order to better serve Federal beneficiaries, including active and retired military personnel, in remote areas of Alaska, a telemedicine network is being created that will link Indian Health Services, U.S. Coast Guard, Department of Defense, and Veterans Affairs sites. The Committee has provided \$1,900,000 to fund the Department's portion of this initiative.

Postdoctoral education.—The Department is encouraged to increase postdoctoral training efforts for psychologists in those military medical centers where independent departments of psychology exist.

Emergency medical care for children [EMCC].—The Committee is pleased with the progress of the Emergency Medical Services Program in Hawaii and urges the Tripler Army Medical Center to collaborate with EMCC in developing telehealth initiatives for prevention and treatment of ill and injured children and the education of emergency personnel in remote and rural areas.

Army Institute of Behavioral and Social Sciences [ARI].—The Committee urges the Defense Health Program to provide a total of \$21,400,000 for ARI, the same funding level as fiscal year 1998.

Air Force Research Laboratory [AFRL].—The Committee recommends \$11,000,000 within the Defense Health Program resources to ensure that this program continues at last year's funding level.

Defense Women's Health Research Program.—The Committee recognizes the importance of this issue and encourages the Department to support research in this area.

Military nursing programs.—The Committee recommends \$5,000,000 to support studies related to health maintenance and promotion, particularly in the operational setting, domestic violence, alternative health care delivery models, and enhancement of military nursing. The Committee encourages the Department to

allot a portion of these funds for telemedicine/telenursing initiatives at Tripler Army Medical Center.

Disaster management training.—The Committee recommends \$5,000,000 for the continuation of the Center of Excellence in Disaster Management and Humanitarian Assistance Program with Tripler Army Medical Center.

Hepatitis C virus [HCV].—The Committee recommends that the Department conduct tests for HCV in all routine blood tests that are conducted for Active and Reserve personnel and screen Active and Reserve personnel who are separating or retiring from active duty for serologic evidence of hepatitis C infection.

VA/DOD distance learning project.—The Committee urges the DOD to continue the VA/DOD distance learning pilot project to transition clinical nurse specialists to the role of nurse practitioners. To date, this effort has graduated 38 adult nurse practitioners.

Dental research.—The Committee is pleased with the progress of dental research in the services and encourages the continuation of programs which advance the preventative and reconstructive applications of military dentistry.

Military health services information management system.—The Committee has provided an additional \$10,000,000 to continue the force health protection system that will eventually be an integral part of the computerized medical record.

Uniformed services treatment facilities [USTF's].—The Committee is concerned regarding quality-of-care issues identified within the USTF structure and does not believe that additional funding is warranted at this time. Therefore, the Committee is reducing USTF funding by \$14,300,000, which is consistent with the fiscal year 1998 funding level.

Brown tree snakes.—The Committee recommends \$1,000,000 to continue efforts to prevent brown tree snakes from being introduced into new habitats through transportation of military cargo.

PACMEDNET.—The Committee has provided \$10,000,000 to continue this activity.

All patient refined diagnostic related groups [APR-DRG].—The Committee is pleased that the Department has made the APR-DRG classification system available to all MTF's and encourages the Department to use APR-DRG in its TRICARE 3.0 contract for risk adjustment of financing, performance evaluation, and patient satisfaction assessment.

Outlier payment adjustments.—The Committee notes that DOD is making progress in addressing children hospitals' need for outlier payment adjustments and encourages it to complete them expeditiously.

DRUG INTERDICTION AND COUNTERDRUG ACTIVITIES, DEFENSE

Appropriations, 1998	\$712,882,000
Budget estimate, 1999	727,582,000
Committee recommendation	742,582,000

The Committee recommends an appropriation of \$742,582,000 in title VI, Counternarcotics and Drug Interdiction Program for fiscal year 1999, an amount \$15,000,000 above the requested fiscal year 1999 level.

SUMMARY OF COMMITTEE ADJUSTMENTS

	<i>In thousands</i>
National Guard	\$20,000
Gulf States initiative/Regional CD Training Academy	7,000
Caribbean/eastern Pacific surface interdiction	8,000
Marijuana eradication	6,000
JIATF South	- 17,000
Ground-based end-game operations—SOUTHCOM	- 10,000
Ground-based end-game operations—Mexico	- 6,000
Northeast Regional Counterdrug Training Center	2,000
Counternarcotics Center at Hammer	5,000

Civil Air Patrol.—Funds made available to the Civil Air Patrol [CAP] in the fiscal year 1999 appropriation for Defense Department drug interdiction activities may be used for CAP's demand reduction program involving youth programs as well as operational and training drug reconnaissance missions for Federal, State, and local government agencies; for administrative costs, including the hiring of CAP employees; for travel and per diem expenses of CAP personnel in support of those missions; and for equipment needed for mission support or performance. The Air Force should waive reimbursement from Federal, State, and local government agencies for use of these funds.

National Guard activities.—The Committee recognizes the valuable contributions the National Guard makes to the counterdrug effort and provides an additional \$20,000,000.

Marijuana eradication.—The Committee has provided an additional \$6,000,000 for the conduct of marijuana eradication. These funds are to be used to address marijuana eradication shortfalls in the two States having the highest rate of outdoor cannabis cultivation as set forth in a 1996 report prepared by the DEA's Strategic Detection Unit of the domestic intelligence section.

Gulf States counterdrug initiative.—The Committee has provided an additional \$7,000,000 to support the Gulf States counterdrug initiative and the Regional Counterdrug Training Academy [RCTA]. The Committee directs that management of and funding for this program, with the exception of the RCTA, is to be transferred to the Joint Military Intelligence Program [JMIP].

Riverine activities.—The Committee directs that \$4,000,000 of the funds provided for riverine activities be used to acquire RU 38B aircraft and sensors for riverine and coastal drug interdiction activities.

Northeast Regional Counterdrug Training Center.—The Committee has provided \$2,000,000 to establish a Northeast Regional Counterdrug Training Center. The Committee believes that an additional center will alleviate the overcrowding at and waiting lists for attendance at similar centers in other areas of the country. The Committee recognizes that Fort Indiantown Gap in Pennsylvania is uniquely suited to host such a counterdrug training center.

Simulation-based counterdrug interoperability training module.—The Committee believes that distance learning and technology can be employed to allow for realistic training experiences without diverting operational resources from field service. For this reason, the Committee has provided \$5,000,000 for the purpose of creating a simulation-based counterdrug interoperability training module at Volpentest Hammer Training and Education Center.

OFFICE OF THE INSPECTOR GENERAL

Appropriations, 1998	\$138,380,000
Budget estimate, 1999	132,064,000
Committee recommendation	132,064,000

The Committee recommends an appropriation of \$132,064,000 for fiscal year 1999.

TITLE VII
RELATED AGENCIES

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY
SYSTEM FUND

Appropriations, 1998	\$196,900,000
Budget estimate, 1999	201,500,000
Committee recommendation	201,500,000

The Committee recommends \$201,500,000, the budget request for the Central Intelligence Agency [CIA] retirement and disability system fund. The CIA Retirement Act of 1984 for Certain Employees (Public Law 88-643) authorized the establishment of a CIA retirement and disability system for a limited number of CIA employees and authorized the establishment and maintenance of a fund from which benefits would be paid to qualified beneficiaries.

COMMUNITY MANAGEMENT STAFF

Appropriations, 1998	\$121,080,000
Budget estimate, 1999	138,623,000
Committee recommendation	134,623,000

The Committee recommends \$134,623,000 for the community management staff.

NATIONAL SECURITY EDUCATION TRUST FUND

Appropriations, 1998	\$2,000,000
Budget estimate, 1999	5,000,000
Committee recommendation	3,000,000

The Committee appropriates \$3,000,000 from the national security education trust fund for continuation of this program.

KAHO'OLAWE ISLAND CONVEYANCE, REMEDIATION, AND
ENVIRONMENTAL RESTORATION TRUST FUND

Appropriations, 1998	\$35,000,000
Budget estimate, 1999	15,000,000
Committee recommendation	25,000,000

The Committee recommends \$25,000,000 for the Kaho'olawe Island conveyance, remediation, and environmental restoration trust fund.

Since its inception, the Kaho'olawe program has been managed by the Commander of Naval Base Pearl Harbor, under the general direction of the Pacific Fleet. The base commanders and staff have done a fine job in ensuring that the Navy's responsibilities were met fully and that the project was steered through many difficult challenges toward completion. As more of the work tends toward cleanup instead of the policy implications of how this would be

achieved, the Committee believes that those with the greatest expertise for managing such operations, the Pacific Division of the Navy's Facility Engineering Command, should oversee day to day responsibility for the cleanup efforts. This does not relieve the Pacific Fleet of its responsibility, but recognizes that PACDIV can and should direct the cleanup operation. The Committee expects PACDIV to work closely with the Pacific Fleet Commander in managing this process.

TITLE VIII
GENERAL PROVISIONS

The following lists general provisions proposed by the Committee. The Committee recommends inclusion of several proposals which have been incorporated in previous appropriations acts, provisions requested for inclusion by the Defense Department, and new provisions. The Committee recommendations are as follows:

SEC. 8001. *Publicity/propaganda limitation.*—Retains provision which is carried annually in the DOD Appropriations Act prohibiting the use of funds for publicity or propaganda purposes not authorized by Congress.

SEC. 8002. *Compensation/employ of foreign nationals.*—Retains provision which is carried annually in DOD appropriations acts which limits salary increases for direct and indirect hire foreign nationals.

SEC. 8003. *Obligation rate of appropriations.*—Retains an annual provision limiting obligation of appropriations for only 1 year unless otherwise expressly provided.

SEC. 8004. *Obligations in last 2 months of fiscal year.*—Retains provision as addressed in previous years which controls end-of-year spending.

SEC. 8005. *Transfers.*—The Committee retains an annual provision which provides transfer authority of \$2,000,00,000.

SEC. 8006. *Working capital fund cash disbursements.*—Retains a provision carried in previous years.

SEC. 8007. *Special access programs notification.*—Retains a provision carried in previous years.

SEC. 8008. *Multiyear procurement authority.*—The Committee recommends providing multiyear authority for the following programs: Medium tactical vehicle replacement; E-2C aircraft; and Longbow Hellfire missile.

SEC. 8009. *Humanitarian and civic assistance.*—Retains a provision carried in previous years.

SEC. 8010. *Civilian personnel ceilings.*—Retains a provision carried in previous years.

SEC. 8011. *Overseas civilian work-years.*—Retains a provision carried in previous years.

SEC. 8012. *Lobbying.*—Retains a provision carried in previous years.

SEC. 8013. *Educational benefits and bonuses.*—Retains a provision carried in previous years.

SEC. 8014. *Organizational analysis/contracting out.*—Retains a provision carried in previous years.

SEC. 8015. *Mentor-Protégé Program.*—Retains a provision carried in previous years.

SEC. 8016. *Anchor chains*.—Retains a provision carried in previous years.

SEC. 8017. *CHAMPUS mental health benefits*.—Retains a provision carried in previous years.

SEC. 8018. *POW/MIA family travel*.—Retains a provision carried in previous year.

SEC. 8019. *Residual value negotiations*.—Retains a provision requested by the administration and carried in previous years.

SEC. 8020. *Demilitarization of surplus firearms*.—Retains a provision carried in previous years.

SEC. 8021. *Selective reenlistment bonus*.—Retains a provision carried in previous years.

SEC. 8022. *Reserve component travel*.—Retains a provision carried in previous years.

SEC. 8023. *Indian Financing Act incentives*.—Retains and modifies a provision carried in previous years.

SEC. 8024. *Military leave for members of the Reserve component*.—Retains a provision carried in previous years.

SEC. 8025. *A-76 studies*.—Retains a provision carried in previous years.

SEC. 8026. *American Forces Information Service*.—Retains a provision carried in previous years.

SEC. 8027. *Wage rate—civilian health*.—Retains a provision carried in previous years.

SEC. 8028. *WC-130 weather reconnaissance*.—Retains a provision carried in previous years.

SEC. 8029. *Workshops for the blind and handicapped*.—Retains a provision carried in previous years.

SEC. 8030. *CHAMPUS coordination of benefits*.—Retains a provision carried in previous years.

SEC. 8031. *Burdensharing*.—Retains a provision carried in previous years.

SEC. 8032. *Civil Air Patrol*.—Retains a provision and modifies amounts appropriated for the Civil Air Patrol.

SEC. 8033. *Federally funded research and development centers*.—Retains and modifies a provision carried in previous years.

SEC. 8034. *Carbon, alloy, or armor steel plate*.—Retains a provision carried in previous years.

SEC. 8035. *Congressional defense committees definition*.—Retains a provision carried in previous years.

SEC. 8036. *Depot maintenance competition*.—Retains a provision carried in previous years.

SEC. 8037. *Reciprocal trade agreements*.—Retains a provision carried in previous years.

SEC. 8038. *Energy cost savings*.—Retains a provision carried in previous year.

SEC. 8039. *Quarters allowance for the Reserve component*.—Retains a provision carried in previous years.

SEC. 8040. *Salaries/expenses of administrative activities*.—Retains a provision carried in previous years.

SEC. 8041. *Marine Youth Program*.—Retains a provision carried in previous years.

SEC. 8042. *Overseas military facility investment*.—Retains and modifies a provision carried in previous years.

SEC. 8043. *NATO headquarters operating costs.*—Retains a provision carried in previous years.

SEC. 8044. *Investment item unit cost.*—Retains a provision requested by the administration and carried in previous years.

SEC. 8045. *DBOF investment item.*—Retains a provision carried in previous years.

SEC. 8046. *Modification restrictions.*—Retains a provision carried in previous years.

SEC. 8047. *CIA availability of funds.*—Retains and modifies a provision carried in previous years.

SEC. 8048. *GDIP information system.*—Retains a provision carried in previous years.

SEC. 8049. *Indian tribes environmental impact.*—Retains a provision carried in previous years.

SEC. 8050. *National Science Center for Communications.*—Retains a provision carried in previous years.

SEC. 8051. *Medical facilities commander.*—Retains a provision carried in previous years.

SEC. 8052. *Compliance With the Buy America Act.*—Retains a provision requested by the administration and carried in previous years.

SEC. 8053. *Competition for consultants and studies programs.*—Retains a provision requested by the administration and carried in previous years.

SEC. 8054. *Field operating agencies.*—Retains a provision carried in previous years.

SEC. 8055. *Intelligence authorization.*—Retains a provision carried in previous years.

SEC. 8056. *Adak leasing.*—Retains and modifies a provision carried in previous years.

SEC. 8057. *Rescissions.*—The Committee recommends a general provision rescinding funds from three programs as displayed below:

Fiscal year 1998:	
SCN/CVN refueling	\$25,000,000
OPA/NATO AGS	24,000,000
APAF/F-15 advance procurement	10,800,000
Fiscal year 1997: RDDW/theater high altitude area defense	
[THAAD] EMD	10,000,000

SEC. 8058. *Civilian technicians reductions.*—Retains a provision carried in previous years.

SEC. 8059. *Prohibition on assistance to North Korea.*—Retains a provision carried in previous years.

SEC. 8060. *National Guard counterdrug activities.*—Retains a provision carried in previous years.

SEC. 8061. *Reimbursement for Reserve component intelligence personnel.*—Retains and modifies a provision carried in previous years.

SEC. 8062. *Civilian medical personnel reductions.*—Retains a provision carried in previous years.

SEC. 8063. *Pentagon renovation cost ceiling.*—Retains a provision carried in previous years.

SEC. 8064. *Counterdrug activities transfer.*—Retains a provision carried in previous years.

SEC. 8065. *Energy and water efficiency.*—Retains a provision carried in previous years.

SEC. 8066. *Ball and roller bearings.*—Retains a provision carried in previous years.

SEC. 8067. *American Samoa transfer.*—Retains a provision carried in previous years.

SEC. 8068. *Buy American computers—supercomputers.*—Retains a provision carried in previous years.

SEC. 8069. *Naval shipyards/Mantech extension program.*—Retains a provision carried in previous years.

SEC. 8070. *Local hire in noncontiguous States.*—Retains a provision carried in previous year.

SEC. 8071. *Peacekeeping costs of the United Nations.*—Retains a provision carried in previous years.

SEC. 8072. *Restrictions on transfer of equipment and supplies.*—Retains a provision carried in previous years.

SEC. 8073. *Export Loan Guarantee Program.*—Retains a provision carried in previous years.

SEC. 8074. *Financing U.S. assessed contribution to United Nations peacekeeping.*—Retains a provision carried in previous years.

SEC. 8075. *Contractor bonuses due to business restructuring.*—Retains a provision carried in previous years.

SEC. 8076. *Transportation of chemical weapons.*—Retains a provision carried in previous years.

SEC. 8077. *Former Soviet Union/housing.*—Retains a provision carried in previous years.

SEC. 8078. *Reserve peacetime support to active duty and civilian activities.*—Retains a provision carried in previous years.

SEC. 8079. *SCN adjustments to closed accounts.*—Retains a provision carried in previous years.

SEC. 8080. *Expired obligations and unexpended balances.*—Retains a provision carried in previous years.

SEC. 8081. *Shipbuilding transfers.*—Retains a provision and modifies funding transfers for ship cost adjustments.

SEC. 8082. *Comptroller reporting requirement.*—Retains a provision carried in previous years.

SEC. 8083. *Facilities supervision and administrative costs.*—Retains a provision carried in previous years.

SEC. 8084. *Asia Pacific Center.*—Retains a provision carried in previous years.

SEC. 8085. *National Guard distance learning.*—Retains a provision carried in previous years.

SEC. 8086. *Fisher House trust fund.*—Retains a provision carried in previous years.

SEC. 8087. *Crediting of travel card refunds.*—Retains a provision carried in previous years.

SEC. 8088. *Withdrawal credits/Navy working capital fund.*—Retains a provision carried in previous years.

SEC. 8089. *Prompt Payment Act interest penalties.*—Retains a provision carried in previous years.

SEC. 8090. *M-1 justification tables.*—Retains a provision carried in previous years.

SEC. 8091. *Working capital fund budgeting.*—Retains a provision carried in previous years.

SEC. 8092. *Prohibition against R&D funds for procurement.*—Retains a provision carried in previous years.

SEC. 8093. *NATO expansion*.—Retains a provision carried in previous years.

SEC. 8094. *Buy American waivers*.—Retains a provision carried in previous years.

SEC. 8095. *Satellite on-orbit incentives fees*.—Inserts a new provision requested by the administration.

SEC. 8096. *Air Force working capital fund*.—Inserts a new provision prohibiting advance billing in excess of \$100,000,000.

SEC. 8097. *Defense reform initiative*.—Reduces title II appropriations by \$150,000,000 to reflect savings resulting from the Defense reform initiative, consistent with the action of the Senate Armed Services Committee.

SEC. 8098. *Revised economic assumptions*.—The following table reflects the reestimation of inflation undertaken by the Office of Management and Budget in May 1998. The Committee recommends reductions to the specific appropriations identified in the table in those amounts, for a total of \$400,600,000. The Committee expects the Department to distribute these reductions against each program and activity in each account reduced on the basis of these revised economic assumptions.

Impact of mid-session economic assumptions on fiscal year 1999 budget request

[In thousands of dollars]

Title II—Operation and maintenance:	
Operation and maintenance:	
Army	–24,000
Navy	–32,000
Marine Corps	–4,000
Air Force	–31,000
Defense-wide	–17,600
Army Reserve	–2,000
Navy Reserve	–2,000
Air Force Reserve	–2,000
Army National Guard	–4,000
Air National Guard	–4,000
Environmental restoration:	
Army	–1,000
Navy	–1,000
Air Force	–1,000
Defense-wide	–1,000
Total title II, operation and maintenance	<u>–126,600</u>
Title III—Procurement:	
Aircraft procurement, Army	–4,000
Missile procurement, Army	–4,000
Weapons and tracked combat vehicles, Army	–4,000
Procurement of ammunition, Army	–3,000
Other procurement, Army	–9,000
Total, Army procurement	<u>–24,000</u>
Aircraft procurement, Navy	–22,000
Weapons procurement, Navy	–4,000
Procurement of ammunition, Navy and Marine Corps	–1,000
Shipbuilding and conversion, Navy	–18,000
Other procurement, Navy	–12,000
Procurement, Marine Corps	–2,000
Total, Navy procurement	<u>–59,000</u>
Aircraft procurement, Air Force	–23,000

*Impact of mid-session economic assumptions on fiscal year 1999 budget request—
Continued*

Missile procurement, Air Force	- 7,000
Procurement of ammunition, Air Force	- 1,000
Other procurement, Air Force	- 17,500
Total, Air Force procurement	- 48,500
Procurement, defense-wide	- 5,800
Total title III, Procurement	- 137,300
Title IV—Research, development, test and evaluation:	
Research, development, test, and evaluation:	
Army	- 10,000
Navy	- 20,000
Air Force	- 39,000
Defense-wide	- 26,700
Total, title IV, Research, development, test and evaluation	- 95,700
Title VI—Other DOD programs:	
Chemical agents and munitions destruction, Defense procurement	- 3,000
Defense Health Program	- 36,000
Drug interdiction, Defense	- 2,000
Total title VI—Other DOD programs	- 41,000
Total economic assumptions adjustments	- 400,600

SEC. 8099. *Indemnification of aircraft engine leases.*—The provision permits the Air Force to lease aircraft engines and utilize working capital fund cash balances in the event indemnification is required.

SEC. 8100. *Ship asset sale credit.*—The provision authorizes and funds the management costs of the ship asset sales contained in the Senate-reported Department of Defense Authorization Act for Fiscal Year 1999.

SEC. 8101. *National defense stockpile asset sale credit.*—The provision enacts the national defense stockpile asset sales contained in the Senate-reported Department of Defense Authorization Act for Fiscal Year 1999.

SEC. 8102. *Liquidity of working capital funds.*—Inserts a new provision enacting working capital fund cash management provisions as proposed by the Senate defense authorization committee.

SEC. 8103. *Limitation on civilian reductions.*—Inserts a new provision that limits the Army's reduction of civilian work force levels at USARPAC and MRTFB's in fiscal year 1999 below levels assumed in this act without notification to the Congress 30 days prior to implementation.

COMPLIANCE WITH PARAGRAPH 7, RULE XVI, OF THE
STANDING RULES OF THE SENATE

Paragraph 7 of rule XVI requires that Committee reports on general appropriations bills identify each Committee amendment to the House bill “which proposes an item of appropriation which is not made to carry out the provisions of an existing law, a treaty stipulation, or an act or resolution previously passed by the Senate during that session.”

Due to the early Committee action on the fiscal year 1999 Defense appropriations bill, an original Senate bill was reported by the Appropriations Committee to the Senate.

At the point when the Committee reports this measure, the Congress has not completed action on S. 2057, the Fiscal Year 1999 Defense Authorization Act. As a consequence, the Committee has acted in good faith in its attempt to comply fully with requirements stipulated under paragraph 7, rule XVI.

The Committee anticipates that Congress will authorize the amounts appropriated in this act.

COMPLIANCE WITH PARAGRAPH 7(C), RULE XXVI OF THE
STANDING RULES OF THE SENATE

Pursuant to paragraph 7(c) of rule XXVI, the Committee ordered reported en bloc S. 2132, an original DOD appropriations bill, an original Legislative Branch appropriations bill, 1999, and an original Energy and Water Development appropriations bill, 1999, each subject to amendment and each subject to its budget allocations, by a recorded vote of 27–0, a quorum being present. The vote was as follows:

Yeas	Nays
Chairman Stevens	
Mr. Cochran	
Mr. Domenici	
Mr. Bond	
Mr. Gorton	
Mr. McConnell	
Mr. Burns	
Mr. Shelby	
Mr. Gregg	
Mr. Bennett	
Mr. Campbell	
Mr. Craig	
Mr. Faircloth	
Mrs. Hutchison	
Mr. Byrd	
Mr. Inouye	
Mr. Hollings	

Mr. Leahy
Mr. Bumpers
Mr. Lautenberg
Mr. Harkin
Ms. Mikulski
Mr. Reid
Mr. Kohl
Mrs. Murray
Mr. Dorgan
Mrs. Boxer

COMPLIANCE WITH PARAGRAPH 12, RULE XXVI OF THE
STANDING RULES OF THE SENATE

Paragraph 12 of rule XXVI requires that Committee reports on a bill or joint resolution repealing or amending any statute or part of any statute include “(a) the text of the statute or part thereof which is proposed to be repealed; and (b) a comparative print of that part of the bill or joint resolution making the amendment and of the statute or part thereof proposed to be amended, showing by stricken-through type and italics, parallel columns, or other appropriate typographical devices the omissions and insertions which would be made by the bill or joint resolution if enacted in the form recommended by the committee.”

The Committee bill as recommended contains no such provisions.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1998 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1999

Item	1998 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				1998 appropriation	Budget estimate
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army	\$20,452,057,000	\$21,002,051,000	\$20,822,051,000	+\$369,994,000	-\$180,000,000
Emergency appropriations .....	.....	297,700,000	.....	.....	-297,700,000
Military Personnel, Navy	16,493,518,000	16,613,053,000	16,532,153,000	+38,635,000	-80,900,000
Emergency appropriations .....	.....	9,700,000	.....	.....	-9,700,000
Military Personnel, Marine Corps	6,137,899,000	6,272,089,000	6,253,189,000	+115,290,000	-18,900,000
Emergency appropriations .....	.....	2,700,000	.....	.....	-2,700,000
Military Personnel, Air Force	17,102,120,000	17,311,683,000	17,205,660,000	+103,540,000	-106,023,000
Emergency appropriations .....	.....	33,900,000	.....	.....	-33,900,000
Reserve Personnel, Army	2,032,046,000	2,152,075,000	2,152,075,000	+120,029,000	.....
Reserve Personnel, Navy	1,376,601,000	1,387,379,000	1,387,379,000	+10,778,000	.....
Emergency appropriations .....	.....	2,200,000	.....	.....	-2,200,000
Reserve Personnel, Marine Corps	391,770,000	401,888,000	401,888,000	+10,118,000	.....
Reserve Personnel, Air Force	815,915,000	856,176,000	856,176,000	+40,261,000	.....
National Guard Personnel, Army	3,333,867,000	3,404,595,000	3,499,595,000	+165,728,000	+95,000,000
National Guard Personnel, Air Force	1,334,712,000	1,376,097,000	1,376,097,000	+41,385,000	.....
Total, title I, Military Personnel	69,470,505,000	70,777,086,000	70,486,263,000	+1,015,758,000	-290,823,000
Emergency appropriations .....	.....	346,200,000	.....	.....	-346,200,000
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army	16,754,306,000	17,223,063,000	17,212,463,000	+458,157,000	-10,600,000
(By transfer—National Defense Stockpile)	(50,000,000)	(50,000,000)	(50,000,000)	.....	.....
Operation and Maintenance, Navy	21,617,766,000	21,877,202,000	21,813,315,000	+195,549,000	-63,887,000

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1998 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1999—Continued

Item	Senate Committee recommendation compared with (+ or -)				
	1998 appropriation	Budget estimate	Committee recommendation		
			1998 appropriation	Budget estimate	
Procurement of Ammunition, Army	1,037,202,000	1,008,855,000	998,655,000	-38,547,000	-10,200,000
Other Procurement, Army	2,679,130,000	3,198,811,000	3,395,729,000	+716,599,000	+196,918,000
Aircraft Procurement, Navy	6,535,444,000	7,466,734,000	7,473,403,000	+937,959,000	+6,669,000
Weapons Procurement, Navy	1,102,193,000	1,327,545,000	1,324,045,000	+221,852,000	-3,500,000
Procurement of Ammunition, Navy and Marine Corps	397,547,000	429,539,000	480,739,000	+83,192,000	+51,200,000
Shipbuilding and Conversion, Navy	8,235,591,000	6,252,672,000	6,067,272,000	-2,168,319,000	-185,400,000
Other Procurement, Navy	3,144,205,000	3,937,737,000	3,886,475,000	+742,270,000	-51,262,000
Procurement, Marine Corps	482,398,000	745,858,000	954,177,000	+471,779,000	+208,319,000
Aircraft Procurement, Air Force	6,480,983,000	7,756,475,000	7,967,023,000	+1,486,040,000	+210,548,000
Missile Procurement, Air Force	2,394,202,000	2,359,803,000	2,219,299,000	-174,903,000	-140,504,000
Procurement of Ammunition, Air Force	398,534,000	384,161,000	384,161,000	-14,373,000	.....
Other Procurement, Air Force	6,592,909,000	6,974,387,000	6,904,164,000	+311,255,000	-70,223,000
Procurement, Defense-Wide	2,106,444,000	2,041,650,000	1,932,250,000	-174,194,000	-109,400,000
National Guard and Reserve Equipment	653,000,000	.....	500,000,000	-153,000,000	+500,000,000
Total, title III, Procurement	45,647,215,000	47,849,546,000	48,568,838,000	+2,921,623,000	+719,292,000
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army	5,156,507,000	4,780,545,000	4,891,640,000	-264,867,000	+111,095,000
Research, Development, Test and Evaluation, Navy	8,115,686,000	8,108,923,000	8,215,519,000	+99,833,000	+106,596,000
Research, Development, Test and Evaluation, Air Force	14,507,804,000	13,598,093,000	13,693,153,000	-814,651,000	+95,060,000
Research, Development, Test and Evaluation, Defense-Wide	9,821,760,000	9,314,665,000	9,032,908,000	-788,852,000	-281,757,000
Operational Test and Evaluation, Defense	258,183,000	251,106,000	249,106,000	-9,077,000	-2,000,000
Operational Test and Evaluation, Defense	31,384,000	25,245,000	25,245,000	-6,139,000	.....

Total, title IV, Research, Development, Test and Evaluation	37,891,324,000	36,078,577,000	36,107,571,000	-1,783,753,000	+28,994,000
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
DBOF/Defense Working Capital Funds	971,952,000	94,500,000	94,500,000	-877,452,000	.....
Transfer stockpile balances to working capital fund .....	.....	(350,000,000)	(151,000,000)	(+151,000,000)	(-199,000,000)
Reserve mobilization income insurance fund .....	.....	37,000,000	.....	.....	-37,000,000
National Defense Sealift Fund:					
Ready Reserve Force	302,000,000	335,000,000	335,000,000	+33,000,000	.....
Acquisition	772,948,000	83,166,000	334,566,000	-438,382,000	+251,400,000
Total	1,074,948,000	418,166,000	669,566,000	-405,382,000	+251,400,000
Total, title V, Revolving and Management Funds	2,046,900,000	549,666,000	764,066,000	-1,282,834,000	+214,400,000
(By transfer) .....	.....	(350,000,000)	(151,000,000)	(+151,000,000)	(-199,000,000)
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program:					
Operation and maintenance	10,095,007,000	9,653,435,000	9,684,935,000	-410,072,000	+31,500,000
Procurement	274,068,000	402,387,000	402,387,000	+128,319,000	.....
Research and development .....	.....	.....	250,000,000	+250,000,000	+250,000,000
Total, Defense Health Program	10,369,075,000	10,055,822,000	10,337,322,000	-31,753,000	+281,500,000
Chemical Agents and Munitions Destruction, Defense: 1					
Operation and maintenance	462,200,000	531,650,000	491,700,000	+29,500,000	-39,950,000
Procurement	72,200,000	140,670,000	115,670,000	+43,470,000	-25,000,000
Research, development, test, and evaluation	66,300,000	182,780,000	172,780,000	+106,480,000	-10,000,000
Total, Chemical Agents	600,700,000	855,100,000	780,150,000	+179,450,000	-74,950,000
Drug Interdiction and Counter-Drug Activities, Defense	712,882,000	727,582,000	742,582,000	+29,700,000	+15,000,000
Office of the Inspector General	138,380,000	132,064,000	132,064,000	-6,316,000	.....

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1998 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1999—Continued

Item	1998 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				1998 appropriation	Budget estimate
Total, title VI, Other Department of Defense Programs	11,821,037,000	11,770,568,000	11,992,118,000	+ 171,081,000	+ 221,550,000
TITLE VII					
RELATED AGENCIES					
Central Intelligence Agency Retirement and Disability System Fund	196,900,000	201,500,000	201,500,000	+ 4,600,000	.....
Intelligence Community Management Account	121,080,000	138,623,000	134,623,000	+ 13,543,000	- 4,000,000
Transfer to Department of Justice	(27,000,000)	(27,000,000)	(27,000,000)	.....	.....
Payment to Kaho'olawe Island Conveyance, Remediation, and Environmental Restoration Fund	35,000,000	15,000,000	25,000,000	- 10,000,000	+ 10,000,000
National Security Education Trust Fund	2,000,000	5,000,000	3,000,000	+ 1,000,000	- 2,000,000
Total, title VII, Related agencies	354,980,000	360,123,000	364,123,000	+ 9,143,000	+ 4,000,000
TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (sec. 8005)	(2,000,000,000)	(2,000,000,000)	(2,000,000,000)	.....	.....
Indian Financing Act incentives (sec. 8024)	8,000,000	2,000,000	8,000,000	- 64,000,000	+ 6,000,000
Disposal and lease of DOD real property (sec. 8044)	64,000,000	25,000,000	.....	+ 8,000,000	- 25,000,000
Overseas Military Fac Investment Recovery (sec. 8049)	30,000,000	38,000,000	38,000,000	.....	.....
Export loan guarantee PGM (sec. 8081)	1,000,000	.....	.....	- 1,000,000	.....
Rescissions (sec. 8064)	- 176,100,000	.....	- 69,800,000	+ 106,300,000	- 69,800,000
Flying Hour/readiness offset (sec. 8043)	- 1,253,000,000	.....	.....	+ 1,253,000,000	.....
FFRDC's/consultants (sec. 8035)	- 71,800,000	.....	.....	+ 71,800,000	.....
Advisory and assistance services (sec. 8041)	- 300,000,000	.....	.....	+ 300,000,000	.....
RDT&E Def-Wide dual-use program	2,000,000	.....	.....	- 2,000,000	.....
Fisher Houses (sec. 8100)	1,000,000	1,000,000	1,000,000	.....	.....

Travel Cards (sec. 8101)	5,000,000	5,000,000	5,000,000	.....	.....
Warranties (sec. 8106)	-75,000,000	.....	.....	.....	+75,000,000
Excess Inventory (sec. 8105)	-100,000,000	.....	.....	.....	+100,000,000
National Missile Defense Offset (sec. 8048)	-474,000,000	.....	.....	.....	+474,000,000
Intrepid (sec. 8097)	13,000,000	.....	.....	.....	-13,000,000
Expiring Balances (sec. 8127)	-100,000,000	.....	.....	.....	+100,000,000
National Security Strategy Study Group (sec. 8130)	3,000,000	.....	.....	.....	-3,000,000
Lexington Bluegrass (sec. 8128)	4,000,000	.....	.....	.....	-4,000,000
Defense reform init (DRI) Title II savings (Sec. xxx)	.....	.....	-150,000,000	.....	-150,000,000
Fiscal year 1099 inflation adj savings (Sec. xxx)	.....	.....	-400,600,000	.....	-400,600,000
Fiscal year 1999 RDT&E inflation adj savings (Sec. xxx)	.....	.....	.....	.....	.....
Fiscal year 1999 Procurement inflation adj savings (Sec. xxx)	.....	.....	.....	.....	.....
Sale and lease of ship assets (Sec. xxx)	.....	.....	.....	.....	.....
National Defense stockpile transaction fund asset sale credit (Sec. xxx)	.....	.....	-637,000,000	.....	-637,000,000
Fiscal year 1999 Working capital fund scoring adj (Sec. xxx)	.....	.....	-100,000,000	.....	-100,000,000
Total, title VIII	-2,418,900,000	71,000,000	-1,305,400,000	+1,113,500,000
Grand total	247,708,522,000	250,998,803,000	250,518,092,000	+2,809,570,000

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