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SENATE

{ REPORT
{ 106-53

DEPARTMENT OF DEFENSE APPROPRIATION BILL, 2000

MAY 25, 1999.—Ordered to be printed

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

REPORT

[To accompany S. 1122]

The Committee on Appropriations reports the bill (S. 1122) making appropriations for the Department of Defense for the fiscal year ending September 30, 2000, and for other purposes, reports favorably thereon and recommends that the bill do pass.

New obligatory authority

Total of bill as reported to Senate	\$264,693,100,000
Total of 2000 budget estimate	263,265,959,000
Amount of fiscal year 1999 enacted	258,099,528,000
The bill as reported to the Senate:	
Above fiscal year 2000 budget estimate	1,427,141,000
Over enacted appropriations for fiscal year 1999	6,593,572,000

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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, 1999, through September 30, 2000. 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 2000 budget request on March 3, 1999, and concluded them on May 19, 1999, after 10 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 2000 budget request of \$263,265,959,000 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 1999 enacted amounts in this report do not include the fiscal year 1999 emergency supplemental funding appropriated in May 1999. The following table displays the recommendations for each title:

[In thousands of dollars]

	Fiscal year 1999 enacted	Fiscal year 2000 request	Committee recommendation
Title I—Military personnel	70,607,566	73,723,293	73,855,093
Title II—Operation and maintenance	84,042,814	91,268,249	91,894,349
(By transfer)	(150,000)	(150,000)	(150,000)
Title III—Procurement	48,590,420	51,851,538	54,532,016
Title IV—Research, development, test, and evaluation	36,756,650	34,375,219	36,455,725
Title V—Revolving and management funds	802,866	512,044	512,044
Title VI—Other Department of Defense pro- grams	11,797,668	12,932,601	13,261,996
Title VII—Related agencies	358,623	381,515	401,515
Title VIII—General provisions	– 2,379,059	– 1,778,500	– 6,219,638

[In thousands of dollars]

	Fiscal year 1999 enacted	Fiscal year 2000 request	Committee recommendation
Grand total	250,577,548	263,265,959	264,693,100

CLASSIFIED PROGRAM ADJUSTMENTS

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

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 2000: Subcommittee on Defense:				
General purpose discretionary	263,722	263,722	254,409	¹ 254,409
Violent crime reduction fund				
Mandatory	209	209	209	209
Projections of outlays associated with the recommendation:				
2000				² 178,868
2001				53,538
2002				18,618
2003				7,065
2004 and future years				5,933
Financial assistance to State and local governments for 2000	NA		NA	

¹ Includes outlays from prior-year budget authority.

² Excludes outlays from prior-year budget authority.

NA: Not applicable.

Note.—Amount for general purpose discretionary reflects Senate Budget Committee estimate of section 8108.

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 President's fiscal year 2000 budget requests a total of \$73,723,293,000 for military personnel appropriations.

The President's fiscal year 2000 budget requests an Active Component military personnel level of 1,384,806 and a Reserve Component military personnel level of 865,298, for a Total Force personnel level of 2,250,104.

SUMMARY OF COMMITTEE ACTION

The Committee recommends military personnel appropriations totaling \$73,855,093,000 for fiscal year 2000. This amount is \$131,800,000 above the budget request.

The Committee recommends funding an Active Component military personnel level of 1,384,898 for fiscal year 2000, an increase of 92 over the budget request. The Committee recommends funding a Reserve Component military personnel level of 866,043 for fiscal year 2000, an increase of 745 over the budget request. Accordingly, the Committee recommends funding a Total Force level of 2,250,941 for fiscal year 2000, an increase of 837 over the budget request.

Committee recommended military personnel appropriations for fiscal year 2000 are summarized below:

SUMMARY OF MILITARY PERSONNEL APPROPRIATIONS

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Active Forces:			
Army	22,006,632	22,041,094	+ 34,462
Navy	17,207,481	17,236,001	+ 28,520
Marine Corps	6,544,682	6,562,336	+ 17,654
Air Force	17,899,685	17,873,759	- 25,926
Subtotal	63,658,480	63,713,190	+ 54,710
Selected Reserve:			
Army Reserve	2,270,964	2,278,696	+ 7,732
Naval Reserve	1,446,339	1,450,788	+ 4,449
Marine Corps Reserve	409,189	410,650	+ 1,461
Air Force Reserve	881,170	884,794	+ 3,624
Army National Guard	3,570,639	3,622,479	+ 51,840

SUMMARY OF MILITARY PERSONNEL APPROPRIATIONS—Continued

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Air National Guard	1,486,512	1,494,496	+ 7,984
Subtotal	10,064,813	10,141,903	+ 77,090
Grand total	73,723,293	73,855,093	+ 131,800

Committee recommended end-strengths for fiscal year 2000 are summarized below:

RECOMMENDED END STRENGTH

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Active Forces:			
Army	480,000	480,000	.....
Navy	371,781	371,781	.....
Marine Corps	172,148	172,240	+ 92
Air Force	360,877	360,877	.....
Subtotal	1,384,806	1,384,898	+ 92
Selected Reserve:			
Army Reserve	205,000	205,000	.....
Naval Reserve	90,288	90,288	.....
Marine Corps Reserve	39,624	39,624	.....
Air Force Reserve	73,708	73,764	+ 56
Army National Guard	350,000	350,623	+ 623
Air National Guard	106,678	106,744	+ 66
Subtotal	865,298	866,043	+ 745
Grand total	2,250,104	2,250,941	+ 837

Committee recommended end-strengths for full-time support of the Reserve and Guard for fiscal year 2000 are summarized below:

RECOMMENDED RESERVE AND GUARD FULL-TIME SUPPORT END STRENGTH

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Army Reserve:			
AGR	12,804	12,804	.....
Military Technicians	6,474	6,474	.....
Naval Reserve AGR	15,010	15,010	.....
Marine Corps Reserve AGR	2,272	2,272	.....
Air Force Reserve:			
AGR	1,078	1,134	+ 56
Military Technicians	10,127	10,127	.....
Army National Guard:			
AGR	21,807	22,430	+ 623
Military Technicians	23,161	24,196	+ 1,035
Air National Guard:			
AGR	11,091	11,157	+ 66

RECOMMENDED RESERVE AND GUARD FULL-TIME SUPPORT END STRENGTH—Continued

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Military Technicians	22,589	22,589	.....
Total:			
AGR	64,062	64,807	+ 745
Military Technicians	62,351	63,386	+ 1,035

Pay raise.—The President’s fiscal year 2000 budget requests a 4.4-percent military pay raise. The Committee supports a more robust military pay increase, and recommends a 4.8-percent pay raise for military personnel, the largest increase in basic military pay in nearly a generation. This enhanced pay raise will keep military compensation attractive, help ensure that military pay is competitive with private sector wages, and enable the services to continue to attract and retain a highly qualified volunteer force. This pay raise is effective January 1, 2000.

Pay table reform.—The Committee supports pay table reform using targeted pay raises to reward performance and promotion over longevity. Pay table reform will result in a second pay raise during fiscal year 2000, up to an additional 5.5-percent, for individuals in critical grades. Pay table reform and the associated pay raise is effective July 1, 2000.

Junior Reserve Officers’ Training Corps (JROTC).—The Committee recognizes the value and importance of the Junior ROTC program for our nation’s high school students. The Committee endorses the JROTC mission statement: “. . . to instill in students in United States secondary educational institutions the value of citizenship, service to the United States, personal responsibility, and a sense of accomplishment.”

Although the Congress has authorized up to 3,500 JROTC units, the Department has established and funded approximately 2,600 units. The Committee directs the Department to increase funding for the JROTC program to the fully authorized level. To achieve this goal in fiscal year 2000, the Committee has provided \$6,900,000 in the Service reserve personnel appropriations, and \$20,250,000 in the Service active operation and maintenance appropriations.

Further, the Committee directs the Department to provide a comprehensive report by March 1, 2000, on the status of the JROTC program, including a plan to increase the program to 3,500 units.

MILITARY PERSONNEL, ARMY

Appropriations, 1999	\$20,841,687,000
Budget estimate, 2000	22,006,632,000
Committee recommendation	22,041,094,000

The Committee recommends an appropriation of \$22,041,094,000 for fiscal year 2000. This amount is \$34,462,000 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>
4.8 percent pay raise	+ 49,462
Personnel understrength savings	- 15,000
Total adjustments	+ 34,462
Recommended appropriation	22,041,094

MILITARY PERSONNEL, NAVY

Appropriations, 1999	\$16,570,754,000
Budget estimate, 2000	17,207,481,000
Committee recommendation	17,236,001,000

The Committee recommends an appropriation of \$17,236,001,000 for fiscal year 2000. This amount is \$28,520,000 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>
4.8 percent pay raise	+ 37,520
Personnel understrength savings	- 9,000
Total adjustments	+ 28,520
Recommended appropriation	17,236,001

MILITARY PERSONNEL, MARINE CORPS

Appropriations, 1999	\$6,263,387,000
Budget estimate, 2000	6,544,682,000
Committee recommendation	6,562,336,000

The Committee recommends an appropriation of \$6,562,336,000 for fiscal year 2000. This amount is \$17,654,000 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>
4.8 percent pay raise	+ 15,454
Additional 92 Marine Security Guards for embassies	+ 2,200
Total adjustments	+ 17,654
Recommended appropriation	6,562,336

MILITARY PERSONNEL, AIR FORCE

Appropriations, 1999	\$17,211,987,000
Budget estimate, 2000	17,899,685,000
Committee recommendation	17,873,759,000

The Committee recommends an appropriation of \$17,873,759,000 for fiscal year 2000. This amount is \$25,926,000 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>
4.8 percent pay raise	+ 40,974
Additional B-52 force structure	+ 3,100
Personnel understrength savings	- 70,000
Total adjustments	- 25,926
Recommended appropriation	17,873,759

RESERVE PERSONNEL, ARMY

Appropriations, 1999	\$2,167,052,000
Budget estimate, 2000	2,270,964,000
Committee recommendation	2,278,696,000

The Committee recommends an appropriation of \$2,278,696,000 for fiscal year 2000. This amount is \$7,732,000 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>
4.8 percent pay raise	+ 4,732
JROTC program increase	+ 3,000
Total adjustments	+ 7,732
Recommended appropriation	2,278,696

RESERVE PERSONNEL, NAVY

Appropriations, 1999	\$1,426,663,000
Budget estimate, 2000	1,446,339,000
Committee recommendation	1,450,788,000

The Committee recommends an appropriation of \$1,450,788,000 for fiscal year 2000. This amount is \$4,449,000 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>
4.8 percent pay raise	+ 3,049
JROTC program increase	+ 1,400
Total adjustments	+ 4,449
Recommended appropriation	1,450,788

RESERVE PERSONNEL, MARINE CORPS

Appropriations, 1999	\$406,616,000
Budget estimate, 2000	409,189,000
Committee recommendation	410,650,000

The Committee recommends an appropriation of \$410,650,000 for fiscal year 2000. This amount is \$1,461,000 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>
4.8 percent pay raise	+ 861
JROTC program increase	+ 600
Total adjustments	+ 1,461
Recommended appropriation	410,650

RESERVE PERSONNEL, AIR FORCE

Appropriations, 1999	\$852,324,000
Budget estimate, 2000	881,170,000
Committee recommendation	884,794,000

The Committee recommends an appropriation of \$884,794,000 for fiscal year 2000. This amount is \$3,624,000 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>
4.8 percent pay raise	+ 1,724
JROTC program increase	+ 1,900
Total adjustments	+ 3,624
Recommended appropriation	884,794

NATIONAL GUARD PERSONNEL, ARMY

Appropriations, 1999	\$3,489,987,000
Budget estimate, 2000	3,570,639,000
Committee recommendation	3,622,479,000

The Committee recommends an appropriation of \$3,622,479,000 for fiscal year 2000. This amount is \$51,840,000 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>
Additional full-time support (AGR)	+ 22,000
Enlisted bonuses	+ 7,000
4.8 percent pay raise	+ 7,840
Student loan repayment program	+ 6,000
Tuition assistance	+ 9,000
Total adjustments	+ 51,840
Recommended appropriation	3,622,479

NATIONAL GUARD PERSONNEL, AIR FORCE

Appropriations, 1999	\$1,377,109,000
Budget estimate, 2000	1,486,512,000
Committee recommendation	1,494,496,000

The Committee recommends an appropriation of \$1,494,496,000 for fiscal year 2000. This amount is \$7,984,000 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>
4.8 percent pay raise	+ 3,384
Additional full-time support (AGR)	+ 4,600
Total adjustments	+ 7,984
Recommended appropriation	1,494,496

TITLE II

OPERATION AND MAINTENANCE

The Committee recommends appropriations totaling \$92,044,349,000 in title II, operation and maintenance, for fiscal year 2000. This is \$626,100,000 above 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]

	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
O&M:			
Army	18,610,994	19,161,852	+ 550,858
Transfer—stockpile	(50,000)	(50,000)	.....
Navy	22,188,715	22,841,510	+ 652,795
Transfer—stockpile	(50,000)	(50,000)	.....
Marine Corps	2,558,929	2,758,139	+ 199,210
Air Force	20,313,203	20,760,429	+ 447,226
Transfer—stockpile	(50,000)	(50,000)	.....
Defense-wide	11,419,233	11,537,333	+ 118,100
Army Reserve	1,369,213	1,438,776	+ 69,563
Navy Reserve	917,647	946,478	+ 28,831
Marine Corps Reserve	123,266	126,711	+ 3,445
Air Force Reserve	1,728,437	1,760,591	+ 32,154
Army National Guard	2,903,549	3,156,378	+ 252,829
Air National Guard	3,099,618	3,229,638	+ 130,020
Overseas contingency operations transfer fund	2,387,600	2,087,600	— 300,000
Pentagon renovation transfer fund .....	.....	246,439	+ 246,439
Quality of Life Enhancements, Defense	1,845,370	.....	— 1,845,370
Court of Military Appeals	7,621	7,621	.....
Environmental restoration:			
Army	378,170	378,170	.....
Navy	284,000	284,000	.....
Air Force	376,800	376,800	.....
Defense-wide	25,370	25,370	.....
Formerly used defense sites	199,214	239,214	+ 40,000
Former Soviet Union threat reduction	475,500	475,500	.....
Humanitarian assistance	55,800	55,800	.....
Total	91,418,249	92,044,349	+ 626,100

OPERATION AND MAINTENANCE OVERVIEW

Operation and maintenance appropriations provide the resources required by the U.S. Armed Forces, and supporting defense agen-

cies, to prepare for and conduct combat operations, and other peace time missions. These funds are used to purchase fuel and spare parts for training operations, pay supporting civilian personnel, and purchase supplies, equipment, and service contracts for the repair of weapons and facilities.

COMBATING TERRORISM

Within the operation and maintenance appropriations, the Committee has provided significant resources for the antiterrorism activities of the Department. The Committee supports the unified management and focus of these funds, as described in Senate Report 106-50, the National Defense Authorization Act for Fiscal Year 2000. The Committee expects the Secretary of Defense to report to the congressional defense committees describing the use of the following amounts to achieve combating terrorism objectives. The following funding is available in fiscal year 2000:

Army	\$497,800,000
Navy	284,100,000
Marine Corps	11,900,000
Air Force	151,500,000
Defense-wide	317,400,000
Army Reserve	22,400,000
Navy Reserve	5,300,000
Air Force Reserve	21,600,000
Army National Guard	41,300,000
Air National Guard	100,000
DOD Inspector General	500,000
Total	1,353,900,000

RAID TEAMS

The Committee supports the establishment of 17 Rapid Assessment and Initial Detection (RAID) teams pursuant to the action provided in the Senate defense authorization bill. Accordingly, the Committee provided funding for an additional 198 Army National Guard and 66 Air National Guard full-time (AGR) personnel to facilitate this mission. Operation and maintenance funding of \$79,635,000 for RAID teams is provided within the amounts described for combating terrorism above.

QUALITY OF LIFE ENHANCEMENTS, DEFENSE

The Committee recognizes that the readiness of the all volunteer force derives not only from realistic combat training and serviceable equipment and weapons, but also from the quality of life which military personnel enjoy from livable quarters and related facilities. To improve the living conditions of service men and women, the Committee traditionally provided funding in either the barracks renovation initiative, or more recently, in the Quality of Life Enhancements, Defense account. For fiscal year 2000, the Department of Defense has followed Committee practice and requested Quality of Life Enhancements, Defense funds. The Department has, however, in an effort to circumvent the discretionary budget outlay limits established in the Budget Enforcement Act, expanded the scope and purpose of this account. Rather than providing Quality of Life Enhancement funds for unspecified real prop-

erty maintenance projects, the Committee has appropriated and added funds in the appropriate service accounts.

UNUTILIZED PLANT CAPACITY

The Committee remains concerned with the costs of industrial preparedness, and the overhead rates at Department of Defense arsenals. The budget justification materials of the Department of Defense submitted to Congress for each fiscal year after fiscal year 2000 shall within the OP-32 exhibit include a descriptive budget line which describes the funding for unutilized plant capacity.

A-76 STUDIES

The Committee is aware of the Department of Defense's intention to compete the jobs of federal employees under OMB Circular A-76. The Committee is concerned that projected savings through A-76 planned competitions do not match actual savings. The Committee directs the Secretary of Defense to submit a report to the Senate and House Appropriations Subcommittees on Defense within 60 days of enactment on the use of OMB A-76 by the Department to contract in work. The report shall list the instances since 1995, when work performed by contractors has been converted to performance by civilian employees of the Department. For each instance of contracting in, the report shall include the types of work, the locations where the work was performed, the name of the contractor that was performing the work, the cost of contractor performance at the time the work was contracted in, and the current cost of performance by civilian employees of the Department. The report shall include a discussion of legal, regulatory, or budgetary obstacles to the appropriate use of contracting in to make the operations of the Department more efficient. The report shall also include recommendations for maximizing the possibility of effective public-private competition for work that has been contracted out.

Not later than 90 days after the date on which the Secretary submits the annual report, the Comptroller General shall submit to the Senate and House Appropriations Subcommittee on Defense the Comptroller General's views on whether the Department has complied with the requirements for the report.

PENTAGON RENOVATION TRANSFER FUND

The Committee has consolidated the funding for the Pentagon's ongoing renovation from the service and defense wide operation and maintenance accounts into a separate appropriation in Title II. The Committee directs the Department to utilize this fund for future budget request submissions to the Congress, with a delineation of contributions by department and organization.

OPERATION AND MAINTENANCE, ARMY

Appropriations, 1999	\$17,185,623,000
Budget estimate, 2000	18,610,994,000
Committee recommendation	19,161,852,000

The Committee recommends an appropriation of \$19,161,852,000. This is \$550,858,000 above 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	2000 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, ARMY			
BUDGET ACTIVITY 1: OPERATING FORCES:			
LAND FORCES:			
DIVISIONS	1,151,351	1,151,351	.....
CORPS COMBAT FORCES	342,122	342,122	.....
CORPS SUPPORT FORCES	341,220	341,220	.....
ECHELON ABOVE CORPS FORCES	476,924	476,924	.....
LAND FORCES OPERATIONS SUPPORT	928,628	928,628	.....
LAND FORCES READINESS:			
FORCE READINESS OPERATIONS SUPPORT	1,090,532	1,090,532	.....
LAND FORCES SYSTEMS READINESS	465,195	450,195	- 15,000
LAND FORCES DEPOT MAINTENANCE	645,714	641,714	- 4,000
LAND FORCES READINESS SUPPORT:			
BASE SUPPORT	2,658,717	2,658,717	.....
MAINTENANCE OF REAL PROPERTY	490,964	497,964	+ 7,000
MANAGEMENT AND OPERATIONAL HEADQUARTERS	126,563	122,563	- 4,000
UNIFIED COMMANDS	78,490	98,490	+ 20,000
MISCELLANEOUS ACTIVITIES	77,921	77,921	.....
TOTAL, BUDGET ACTIVITY 1	8,874,341	8,878,341	+ 4,000
BUDGET ACTIVITY 2: MOBILIZATION:			
MOBILITY OPERATIONS:			
STRATEGIC MOBILIZATION	326,228	326,228	.....
ARMY PREPOSITIONED STOCKS	134,797	134,797	.....
INDUSTRIAL PREPAREDNESS	69,947	69,947	.....
MAINTENANCE OF REAL PROPERTY	29,069	29,069	.....
TOTAL, BUDGET ACTIVITY 2	560,041	560,041	.....
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
OFFICER ACQUISITION	65,423	65,423	.....
RECRUIT TRAINING	14,160	14,160	.....
ONE STATION UNIT TRAINING	13,924	13,924	.....
RESERVE OFFICER TRAINING CORPS (ROTC)	134,842	136,092	+ 1,250
BASE SUPPORT (ACADEMY ONLY)	73,009	73,009	.....
MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY)	27,358	27,358	.....
BASIC SKILL/ADVANCE TRAINING:			
SPECIALIZED SKILL TRAINING	230,145	231,645	+ 1,500
FLIGHT TRAINING	269,609	269,609	.....
PROFESSIONAL DEVELOPMENT EDUCATION	87,429	87,429	.....
TRAINING SUPPORT	466,975	466,975	.....
BASE SUPPORT (OTHER TRAINING)	865,351	865,351	.....
MAINTENANCE OF REAL PROPERTY (OTHER TRAINING)	176,026	176,026	.....
RECRUITING/OTHER TRAINING:			
RECRUITING AND ADVERTISING	255,417	255,417	.....
EXAMINING	77,464	77,464	.....
OFF-DUTY AND VOLUNTARY EDUCATION	87,660	87,660	.....
CIVILIAN EDUCATION AND TRAINING	65,375	64,375	- 1,000
JUNIOR ROTC	74,282	85,282	+ 11,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
BASE SUPPORT (RECRUITING LEASES)	187,393	187,393	.....
TOTAL, BUDGET ACTIVITY 3	3,171,842	3,184,592	+ 12,750
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
SECURITY PROGRAMS: SECURITY PROGRAMS	426,729	426,729	.....
LOGISTICS OPERATIONS:			
SERVICEWIDE TRANSPORTATION	546,861	516,861	— 30,000
CENTRAL SUPPLY ACTIVITIES	419,672	419,672	.....
LOGISTIC SUPPORT ACTIVITIES	321,696	321,696	.....
AMMUNITION MANAGEMENT	360,210	360,210	.....
SERVICEWIDE SUPPORT:			
ADMINISTRATION	320,944	315,944	— 5,000
SERVICEWIDE COMMUNICATIONS	662,827	642,827	— 20,000
MANPOWER MANAGEMENT	154,769	154,769	.....
OTHER PERSONNEL SUPPORT	147,606	147,606	.....
OTHER SERVICE SUPPORT	674,400	677,400	+ 3,000
ARMY CLAIMS ACTIVITIES	116,617	116,617	.....
REAL ESTATE MANAGEMENT	71,312	71,312	.....
BASE SUPPORT	1,106,387	1,005,987	— 100,400
COMMISSARY OPERATIONS	346,154	346,154	.....
MAINTENANCE OF REAL PROPERTY	104,815	116,815	+ 12,000
SUPPORT OF OTHER NATIONS:			
INTERNATIONAL MILITARY HEADQUARTERS	224,685	222,685	— 2,000
MISC SUPPORT OF OTHER NATIONS	49,086	49,086	.....
TOTAL, BUDGET ACTIVITY 4	6,054,770	5,912,370	— 142,400
MAINTENANCE OF REAL PROPERTY .....	.....	688,008	+ 688,008
CONTRACT AND ADVISORY SERVICES .....	.....	— 20,000	— 20,000
CLASSIFIED PROGRAMS UNDISTRIBUTED .....	.....	8,500	+ 8,500
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	— 50,000	— 50,000	.....
TOTAL, OPERATION AND MAINTENANCE, ARMY	18,610,994	19,161,852	+ 550,858
TRANSFER	(50,000)	(50,000)	.....
TOTAL FUNDING AVAILABLE	(18,660,994)	(19,211,852)	(+ 550,858)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating Forces:	
600 AWE unjustified program growth	— 15,000
650 Post production software support	— 4,000
800 Fort Wainwright utilidors	+ 7,000
850 Headquarters growth	— 4,000
900 Unified Commands-Hunter UAV	+ 20,000
Budget activity 3: Training and Recruiting:	
1650 Air Battle Captain Program	+ 1,250
1850 Joint Assessment Neurological Examination Equipment	+ 1,500
2350 DLAMP	— 1,000
2400 JROTC	+ 11,000
Budget activity 4: Administration and servicewide activities:	
2750 Service wide transport, over ocean transport	— 30,000
3000 Administration; Headquarters growth	— 5,000
3050 Service-wide communications underexecution	— 20,000
3200 Army conservation and ecosystem management	+ 3,000
3350 BOS-Dugway Proving Ground, Utah	+ 5,000
3350 Pentagon renovation	— 123,200
3350 UC-35A Basing and Sustainment	+ 17,800

3400 Rock Island Bridge Repairs	+ 5,000
3400 White Sands Missile Range UXO Fence	+ 5,000
3400 Fort Des Moines-Historic OCS memorial	+ 2,000
3600 Support of NATO	- 2,000
Undistributed:	
3705 Maintenance of Real Property	+ 688,008
3707 Contract and Advisory Services	- 20,000
3710 Classified Programs Undistributed	+ 8,500

COMMITTEE ADJUSTMENTS

Program reductions.—The Committee supports the Army efforts to adapt force structure, doctrine and technology to better meet future security threats. The Committee has provided funding for the Joint Contingency Force experiment, the Aim XXI program, and assorted communications upgrades. The Committee recommends several adjustments to programs with unjustified program growth such as post production software support, headquarters increases, service-wide communications, the AWE and administration. Funding for the Pentagon renovation has been transferred to the Pentagon renovation transfer fund.

Real Property Maintenance.—Despite the determined efforts of the Committee to fund the training operations which the Army conducts to achieve measurable readiness standards, the service has repeatedly failed to execute the plans presented to, and approved by Congress. The Army explains this migration of training resources to other activities as “fact-of-life” adjustments required to balance funding levels across the Operation and Maintenance appropriation. To protect the training subactivity groups associated with operational readiness, the Committee has supported fully and added \$97,000,000 to the Army’s real property maintenance and base operations plan. The Committee directs that real property maintenance funds recommended in the bill shall provide the following program in fiscal year 2000:

<i>Command</i>	<i>Committee recommendation</i>
AMC	\$151,000,000
EUSA	161,000,000
FORSCOM	300,349,000
MDW	41,583,000
MEDCOM	17,791,000
MTMC	15,675,000
TRADOC	290,000,000
USMA	40,309,000
USARPAC	139,531,000
USARSO	14,000,000
USAREUR	208,600,000
USACE	4,390,000
Undistributed	132,000,000
Total	1,516,228,000

Air Battle Captain.—The Committee has included \$1,250,000 for the Air Battle Captain helicopter flight training program. Of this amount, \$250,000 shall be directed to a national recruitment campaign specifically targeted to the program. The Army is directed to provide a detailed recruitment plan to the Committee for its review within sixty days of enactment of this Act. The Committee intends that the balance of this funding shall be expended on activities directly associated with flight training prescribed by the Air Battle

Captain program curriculum for helicopter training. In addition, the Committee directs the Army to execute its pending agreement for continuation of the program.

Ravenna Army Ammunition Plant.—The Committee understands that the Army has responsibility for the environmental cleanup of approximately 9,000 acres of the Ravenna Army Ammunition Plant. The Committee urges the Army to develop a comprehensive plan and an associated timeline for the remediation of its portion of the facility.

Marion Engineering Depot.—The Committee urges the Corps of Engineers to review the level of contaminants recently found at this site and recommends that the Corps consider this facility a priority for future funding.

Fort Des Moines Historic Memorial.—The Committee recommends an increase of \$2,000,000 for the repair and refurbishment of the grounds and facilities of Fort Des Moines to support the establishment of the historic OCS museum and memorial.

Joint Assessment Neurological Examination Equipment Upgrade for combat medical specialist.—The Committee recommends an additional \$1,500,000 for the Army Medical Center and School to continue the joint assessment neurological evaluation equipment upgrade for training and sustainment proficiency of the combat medical specialist.

Range Safe Technology Demonstration.—The Committee urges the Army to explore emerging technologies that treat low level radioactive waste on site. Treatment on site would preclude hauling contaminated material to approved and specifically designated landfills. The cost of tracking, transport and storage of radioactive waste to these landfills is extremely costly and adds considerable expense to the overall cost of the remediation. These new technologies offer promise that they would result in significant savings.

Fort Knox MOUT Facility.—The Committee supports the full funding by the Army of the base operations support for the MOUT facility at Fort Knox.

Firefighting Equipment Conveyance.—The Committee directs the Secretary of the Army to consider conveying the firefighting equipment at the Military Ocean Terminal, Bayonne (MOTBY) to the Bayonne Local Redevelopment Authority and the City of Bayonne.

Automatic identification technologies.—The extensive logistics and manufacturing capabilities within the Army can be substantially improved through a relatively small investment in expanding the application of automatic identification technologies. Available commercial off-the-shelf systems will readily improve inventory management, asset tracking and distribution, as well as enhance in-process overhaul and production activities. The Committee recommends that Rock Island Arsenal be included as a priority facility for the Department's Total Asset Visibility Implementation Plan, which establishes the AIT road map for tracking assets from production and overhaul through warehousing and distribution, and other similar programs.

OPERATION AND MAINTENANCE, NAVY

Appropriations, 1999	\$21,872,399,000
Budget estimate, 2000	22,188,715,000
Committee recommendation	22,841,510,000

The Committee recommends an appropriation of \$22,841,510,000. This is \$652,795,000 above 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	2000 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, NAVY			
BUDGET ACTIVITY 1: OPERATING FORCES:			
AIR OPERATIONS:			
MISSION AND OTHER FLIGHT OPERATIONS	2,232,508	2,232,508	.....
FLEET AIR TRAINING	693,133	693,133	.....
INTERMEDIATE MAINTENANCE	48,792	48,792	.....
AIR OPERATIONS AND SAFETY SUPPORT	91,823	91,823	.....
AIRCRAFT DEPOT MAINTENANCE	746,924	746,924	.....
AIRCRAFT DEPOT OPERATIONS SUPPORT	20,649	20,649	.....
SHIP OPERATIONS:			
MISSION AND OTHER SHIP OPERATIONS	1,859,279	1,859,279	.....
SHIP OPERATIONAL SUPPORT AND TRAINING	536,641	536,641	.....
INTERMEDIATE MAINTENANCE	379,253	379,253	.....
SHIP DEPOT MAINTENANCE	2,365,144	2,377,144	+ 12,000
SHIP DEPOT OPERATIONS SUPPORT	1,143,818	1,166,818	+ 23,000
COMBAT OPERATIONS/SUPPORT:			
COMBAT COMMUNICATIONS	253,524	253,524	.....
ELECTRONIC WARFARE	7,600	7,600	.....
SPACE SYSTEMS AND SURVEILLANCE	156,329	156,329	.....
WARFARE TACTICS	121,645	126,645	+ 5,000
OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	244,484	254,484	+ 10,000
COMBAT SUPPORT FORCES	486,993	485,993	- 1,000
EQUIPMENT MAINTENANCE	168,216	168,216	.....
DEPOT OPERATIONS SUPPORT	764	764	.....
WEAPONS SUPPORT:			
CRUISE MISSILE	146,555	146,555	.....
FLEET BALLISTIC MISSILE	812,619	802,619	- 10,000
IN-SERVICE WEAPONS SYSTEMS SUPPORT	47,113	47,113	.....
WEAPONS MAINTENANCE	375,190	394,190	+ 19,000
WORKING CAPITAL FUND SUPPORT: NWCf SUPPORT	40,643	40,643	.....
BASE SUPPORT:			
REAL PROPERTY MAINTENANCE	391,856	391,856	.....
BASE SUPPORT	2,180,714	2,180,714	.....
TOTAL, BUDGET ACTIVITY 1	15,552,209	15,610,209	+ 58,000
BUDGET ACTIVITY 2: MOBILIZATION:			
READY RESERVE AND PREPOSITIONING FORCES: SHIP			
PREPOSITIONING AND SURGE	434,624	434,624	.....
ACTIVATIONS/INACTIVATIONS:			
AIRCRAFT ACTIVATIONS/INACTIVATIONS	2,966	2,966	.....
SHIP ACTIVATIONS/INACTIVATIONS	281,229	281,229	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget esti- mate
MOBILIZATION PREPAREDNESS:			
FLEET HOSPITAL PROGRAM	23,018	23,018	.....
INDUSTRIAL READINESS	1,089	1,089	.....
COAST GUARD SUPPORT	18,975	18,975	.....
TOTAL, BUDGET ACTIVITY 2	761,901	761,901	.....
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
OFFICER ACQUISITION	79,873	79,873	.....
RECRUIT TRAINING	5,096	5,096	.....
RESERVE OFFICERS TRAINING CORPS (ROTC)	66,278	66,278	.....
BASIC SKILLS AND ADVANCED TRAINING:			
SPECIALIZED SKILL TRAINING	251,459	251,459	.....
FLIGHT TRAINING	320,486	320,486	.....
PROFESSIONAL DEVELOPMENT EDUCATION	85,374	87,074	+ 1,700
TRAINING SUPPORT	212,318	212,318	.....
RECRUITING, AND OTHER TRAINING AND EDUCATION:			
RECRUITING AND ADVERTISING	187,852	187,852	.....
OFF-DUTY AND VOLUNTARY EDUCATION	79,609	79,609	.....
CIVILIAN EDUCATION AND TRAINING	46,632	45,632	- 1,000
JUNIOR ROTC	23,048	26,548	+ 3,500
REAL PROPERTY MAINTENANCE	47,303	47,303	.....
BASE SUPPORT	317,198	317,198	.....
TOTAL, BUDGET ACTIVITY 3	1,722,526	1,726,726	+ 4,200
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
SERVICEWIDE SUPPORT:			
ADMINISTRATION	648,209	617,435	- 30,774
EXTERNAL RELATIONS	16,765	17,265	+ 500
CIVILIAN MANPOWER AND PERSON MANAGEMENT	120,677	120,677	.....
MILITARY MANPOWER AND PERSON MANAGEMENT	88,319	88,319	.....
OTHER PERSONNEL SUPPORT	203,096	203,096	.....
SERVICEWIDE COMMUNICATIONS	369,665	365,665	- 4,000
COMMISSARY OPERATIONS	263,070	263,070	.....
LOGISTICS OPERATIONS AND TECHNICAL SUPPORT:			
SERVICEWIDE TRANSPORTATION	161,738	161,738	.....
PLANNING, ENGINEERING AND DESIGN	329,808	329,808	.....
ACQUISITION AND PROGRAM MANAGEMENT	681,715	681,715	.....
AIR SYSTEMS SUPPORT	271,426	256,426	- 15,000
HULL, MECHANICAL AND ELECTRICAL SUPPORT	50,073	50,073	.....
COMBAT/WEAPONS SYSTEMS	46,671	46,671	.....
SPACE AND ELECTRONIC WARFARE SYSTEMS	70,288	70,288	.....
SECURITY PROGRAMS:			
SECURITY PROGRAMS	584,390	584,390	.....
SUPPORT OF OTHER NATIONS:			
INTERNATIONAL HEADQUARTERS AND AGENCIES	8,431	8,431	.....
REAL PROPERTY MAINTENANCE	101,868	121,868	+ 20,000
BASE SUPPORT	185,870	193,370	+ 7,500
TOTAL, BUDGET ACTIVITY 4	4,202,079	4,180,305	- 21,774
MAINTENANCE OF REAL PROPERTY		598,369	+ 598,369
FORCE PROTECTION ASHORE		12,000	+ 12,000
CLASSIFIED PROGRAMS UNDISTRIBUTED		2,000	+ 2,000
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	- 50,000	- 50,000	.....
TOTAL, OPERATION AND MAINTENANCE, NAVY	22,188,715	22,841,510	+ 652,795
TRANSFER	(50,000)	(50,000)	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
TOTAL FUNDING AVAILABLE	(22,238,715)	(22,891,510)	(+ 652,795)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating Forces			
5000 Shipyard Apprentice Program			+ 12,000
5050 Ship Depot Operations Support PHNSY ship repair			+ 23,000
5400 Warfare Tactics PMRF facilities improvements			+ 5,000
5450 Operational Meteorology and oceanography			+ 7,000
5450 UNOLS			+ 3,000
5500 Unjustified program growth for USACOM			- 1,000
5850 Fleet Ballistic missile underexecution			- 10,000
5950 Weapons Maintenance-Pioneer UAV			+ 5,000
5950 MK-45 Overhaul			+ 10,000
5950 CIWS overhaul			+ 4,000
Budget activity 3: Training and Recruiting:			
7300 Prof. Dev. Ed. Asia Pacific Center			+ 1,700
7650 Civilian Education and Training			- 1,000
7700 JROTC			+ 3,500
Budget activity 4: Administration and servicewide activities:			
8000 Pentagon renovation			- 30,774
8050 Public Service Initiative			+ 500
8250 Servicewide Communications			- 4,000
8650 Air Systems Support underexecution			- 15,000
9220 Barrow landfill			+ 3,000
9220 Ford Island improvements			+ 8,000
9220 U.S.S. <i>Iowa</i> relocation			+ 4,000
9220 Adak facilities remediation			+ 5,000
9230 Adak base support			+ 7,500
Undistributed:			
9355 Maintenance of Real Property			+ 598,369
9357 Force Protection Ashore			+ 12,000
9360 Classified Programs Undistributed			+ 2,000

COMMITTEE ADJUSTMENTS

Program reductions.—The Committee is concerned with the growing difficulties experienced by the Navy in sustaining non-deployed readiness. Past shortfalls in non-deployed readiness, and recruiting programs have now degraded the readiness of deploying units. The Committee has recommended program increases for weapons maintenance, real property maintenance, ship depot maintenance and repair, and the Shipyard Apprentice program. Programs such as Air Systems Support and Fleet Ballistic Missile programs were decreased due to consistent under execution of funds. Funding for the Pentagon renovation has been transferred to the Pentagon renovation transfer fund.

Barrow landfill.—Of the funds provided in this account, the Committee directs the Department of the Navy to provide \$3,000,000 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 located at Barrow as the primary user of the facility. The Committee urges the Department of Defense to continue 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.

Shipyards Apprenticeship Program.—The Committee recommends an increase of \$12,000,000 for the 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 sustained attention. 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 support 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, 2000, on the status of this program, by shipyard.

Shipyard infrastructure repairs.—From within the funds provided for the maintenance of real property, \$9,900,000 may be used for the repair of the Charleston Naval Shipyard, and \$9,900,000 may be used for the conversion of the former Philadelphia Naval Shipyard.

Propeller Maintenance and Overhaul.—The Committee directs the Navy to establish a pilot program for the purpose of verifying cost savings that can be achieved through the use of a west coast propeller overhaul facility. The Committee further directs that the selected facility provide innovative repair processes and comprehensive training programs proven to enhance propeller system reliability and enhance mission readiness at reduced costs. The selected facility should be an FAA authorized repair station capable of servicing applicable models of the propeller system used on the target fleet of Western Pacific based C-130 and P-3 aircraft.

The Committee further directs the Navy to provide the Committee with a cost benefit analysis that includes reliability improvement data resulting from this study of a west coast pilot facility.

Sale of Navy Drydock No. 9 (AFDM-3).—The lease covering Navy Drydock No. 9 (AFDM-3) shall be deemed to include all clauses authorized by section 2667(b) of title 10, U.S. Code. The Secretary of the Navy is directed to sell the drydock to the lessee at its fair market value, as provided by that law, upon receipt of a written notice from the lessee of its intent to exercise its option to purchase the leased property. For purposes of this provision, the term “fair market value” means the value of the drydock in its present condition less the estimated cost of scrapping the vessel.

Public Service Initiative.—The United States must ensure close cooperation and understanding between the military and civil components of society. Fewer people, including leaders, perform military service now than in our recent history. As a pilot program, the Navy should work with the legislative branch center for public service to include military service in its public service programs.

OPERATION AND MAINTENANCE, MARINE CORPS

Appropriations, 1999	\$2,578,718,000
Budget estimate, 2000	2,558,929,000
Committee recommendation	2,758,139,000

The Committee recommends an appropriation of \$2,758,139,000. The recommendation is \$199,210,000 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	2000 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, MARINE CORPS			
BUDGET ACTIVITY 1: OPERATING FORCES:			
EXPEDITIONARY FORCES:			
OPERATIONAL FORCES	378,762	394,862	+ 16,100
FIELD LOGISTICS	231,138	231,138	
DEPOT MAINTENANCE	96,685	96,685	
BASE SUPPORT	712,187	712,187	
MAINTENANCE OF REAL PROPERTY	247,401	247,401	
USMC PREPOSITIONING:			
MARITIME PREPOSITIONING	81,849	81,849	
NORWAY PREPOSITIONING	3,770	3,770	
TOTAL, BUDGET ACTIVITY 1	1,751,792	1,767,892	+ 16,100
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
RECRUIT TRAINING	9,917	9,917	
OFFICER ACQUISITION	294	794	+ 500
BASE SUPPORT	55,333	55,333	
MAINTENANCE OF REAL PROPERTY	18,557	18,557	
BASIC SKILLS AND ADVANCED TRAINING:			
SPECIALIZED SKILLS TRAINING	31,443	31,443	
FLIGHT TRAINING	162	162	
PROFESSIONAL DEVELOPMENT EDUCATION	8,575	8,575	
TRAINING SUPPORT	84,800	85,800	+ 1,000
BASE SUPPORT	57,212	57,212	
MAINTENANCE OF REAL PROPERTY	24,262	24,262	
RECRUITING AND OTHER TRAINING EDUCATION:			
RECRUITING AND ADVERTISING	90,953	90,953	
OFF-DUTY AND VOLUNTARY EDUCATION	14,879	14,879	
JUNIOR ROTC	9,506	10,856	+ 1,350
BASE SUPPORT	8,032	8,032	
MAINTENANCE OF REAL PROPERTY	2,447	2,447	
TOTAL, BUDGET ACTIVITY 3	416,372	419,222	+ 2,850
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
SERVICEWIDE SUPPORT:			
SPECIAL SUPPORT	229,433	209,468	- 19,965
SERVICEWIDE TRANSPORTATION	28,632	28,632	
ADMINISTRATION	25,241	25,241	
BASE SUPPORT	14,569	14,569	

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
MAINTENANCE OF REAL PROPERTY	2,056	2,056	.....
COMMISSARY OPERATIONS	90,834	90,834	.....
TOTAL, BUDGET ACTIVITY 4	390,765	370,800	− 19,965
MAINTENANCE OF REAL PROPERTY .....	.....	200,225	+ 200,225
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	2,558,929	2,758,139	+ 199,210
TOTAL FUNDING AVAILABLE	(2,558,929)	(2,758,139)	(+ 199,210)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating Forces:	
10050 Initial issue	+ 15,000
10050 NBC Defense Equipment	+ 1,100
Budget activity 3: Training and Recruiting:	
10650 Naval ROTC-Marine Option	+ 500
11000 Distance Learning	+ 1,000
11300 JROTC	+ 1,350
Budget activity 4: Administration and servicewide activities:	
11650 Pentagon Renovation	− 19,965
11905 Undistributed: Maintenance of Real Property	+ 200,225

COMMITTEE ADJUSTMENTS

Program reductions.—The Committee observes that the budget request for Marine Corps expeditionary forces readiness is below the levels appropriated in fiscal year 1999. Past funding shortfalls in Navy and Marine Corps non-deployed readiness activities have begun to degrade the readiness of deploying units. To mitigate this funding shortfall, the Committee has recommended program increases for initial issue, real property maintenance, distance learning and Marine-option NROTC. Funding for the Pentagon renovation has been transferred to the Pentagon renovation transfer fund.

OPERATION AND MAINTENANCE, AIR FORCE

Appropriations, 1999	\$19,021,045,000
Budget estimate, 2000	20,313,203,000
Committee recommendation	20,760,429,000

The Committee recommends an appropriation of \$20,760,429,000. This is \$447,226,000 above 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	2000 budget estimate	Committee rec- ommendation	Change from budget esti- mate
OPERATION AND MAINTENANCE, AIR FORCE			
BUDGET ACTIVITY 1: OPERATING FORCES:			
AIR OPERATIONS:			
PRIMARY COMBAT FORCES	2,401,247	2,436,247	+ 35,000
PRIMARY COMBAT WEAPONS	264,665	264,665	.....
COMBAT ENHANCEMENT FORCES	204,091	203,091	— 1,000
AIR OPERATIONS TRAINING	657,352	657,352	.....
DEPOT MAINTENANCE	1,096,870	1,096,870	.....
COMBAT COMMUNICATIONS	936,390	934,390	— 2,000
BASE SUPPORT	1,835,256	1,835,256	.....
MAINTENANCE OF REAL PROPERTY	577,565	577,565	.....
COMBAT RELATED OPERATIONS:			
GLOBAL C ³ I AND EARLY WARNING	665,827	645,827	— 20,000
NAVIGATION/WEATHER SUPPORT	136,485	141,485	+ 5,000
OTHER COMBAT OPS SUPPORT PROGRAMS	247,715	257,715	+ 10,000
JCS EXERCISES	34,588	34,588	.....
MANAGEMENT/OPERATIONAL HEADQUARTERS	123,289	123,289	.....
TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	254,547	254,547	.....
SPACE OPERATIONS:			
LAUNCH FACILITIES	218,743	218,743	.....
LAUNCH VEHICLES	112,504	97,504	— 15,000
SPACE CONTROL SYSTEMS	259,203	234,203	— 25,000
SATELLITE SYSTEMS	52,753	52,753	.....
OTHER SPACE OPERATIONS	90,461	90,461	.....
BASE SUPPORT	324,539	324,539	.....
MAINTENANCE OF REAL PROPERTY	55,960	55,960	.....
TOTAL, BUDGET ACTIVITY 1	10,550,050	10,537,050	— 13,000
BUDGET ACTIVITY 2: MOBILIZATION:			
MOBILITY OPERATIONS:			
AIRLIFT OPERATIONS	1,359,999	1,359,999	.....
AIRLIFT OPERATIONS C3I	30,401	30,401	.....
MOBILIZATION PREPAREDNESS	142,983	142,983	.....
DEPOT MAINTENANCE	312,062	312,062	.....
PAYMENTS TO TRANSPORTATION BUSINESS AREA	312,237	312,237	.....
BASE SUPPORT	455,730	455,730	.....
MAINTENANCE OF REAL PROPERTY	72,147	72,147	.....
TOTAL, BUDGET ACTIVITY 2	2,685,559	2,685,559	.....
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
ACCESSION TRAINING:			
OFFICER ACQUISITION	60,067	60,067	.....
RECRUIT TRAINING	4,494	4,494	.....
RESERVE OFFICER TRAINING CORPS (ROTC)	58,012	58,012	.....
BASE SUPPORT (ACADEMIES ONLY)	20,263	18,263	— 2,000
MAINTENANCE OF REAL PROPERTY (ACADEMIES ONLY)	63,119	63,119	.....
BASIC SKILLS AND ADVANCED TRAINING:			
SPECIALIZED SKILL TRAINING	240,449	240,449	.....
FLIGHT TRAINING	471,526	471,526	.....
PROFESSIONAL DEVELOPMENT EDUCATION	98,868	98,868	.....
TRAINING SUPPORT	69,964	69,964	.....
DEPOT MAINTENANCE	14,532	14,532	.....
BASE SUPPORT (OTHER TRAINING)	411,644	401,644	— 10,000
MAINTENANCE OF REAL PROPERTY (OTHER TRAINING)	63,610	63,610	.....
RECRUITING, AND OTHER TRAINING AND EDUCATION:			
RECRUITING AND ADVERTISING	102,502	102,502	.....
EXAMINING	3,036	3,036	.....
OFF DUTY AND VOLUNTARY EDUCATION	87,587	87,587	.....
CIVILIAN EDUCATION AND TRAINING	72,475	71,475	— 1,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
JUNIOR ROTC	26,095	30,095	+ 4,000
TOTAL, BUDGET ACTIVITY 3	1,868,243	1,859,243	– 9,000
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
LOGISTICS OPERATIONS:			
LOGISTICS OPERATIONS	744,819	744,819	.....
TECHNICAL SUPPORT ACTIVITIES	398,063	398,063	.....
SERVICEWIDE TRANSPORTATION	217,401	217,401	.....
DEPOT MAINTENANCE	58,334	58,334	.....
BASE SUPPORT	1,109,593	1,037,093	– 72,500
MAINTENANCE OF REAL PROPERTY	245,214	280,114	+ 34,900
SERVICEWIDE ACTIVITIES:			
ADMINISTRATION	150,381	150,381	.....
SERVICEWIDE COMMUNICATIONS	346,821	342,821	– 4,000
PERSONNEL PROGRAMS	130,710	130,710	.....
RESCUE AND RECOVERY SERVICES	60,228	60,228	.....
ARMS CONTROL	35,477	27,477	– 8,000
OTHER SERVICEWIDE ACTIVITIES	619,830	615,830	– 4,000
OTHER PERSONNEL SUPPORT	31,812	28,812	– 3,000
CIVIL AIR PATROL CORPORATION	13,970	26,470	+ 12,500
COMMISSARY OPERATIONS	309,061	309,061	.....
BASE SUPPORT	158,343	158,343	.....
MAINTENANCE OF REAL PROPERTY	18,277	18,277	.....
SECURITY PROGRAMS: SECURITY PROGRAMS	596,798	596,798	.....
SUPPORT TO OTHER NATIONS: INTERNATIONAL SUPPORT	14,219	14,219	.....
TOTAL, BUDGET ACTIVITY 4	5,259,351	5,215,251	– 44,100
MAINTENANCE OF REAL PROPERTY .....	.....	500,826	+ 500,826
CLASSIFIED PROGRAMS UNDISTRIBUTED .....	.....	12,500	+ 12,500
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	– 50,000	– 50,000	.....
TOTAL, O&M, AIR FORCE	20,313,203	20,760,429	+ 447,226
TRANSFER	(50,000)	(50,000)	.....
TOTAL FUNDING AVAILABLE	(20,363,203)	(20,810,429)	(+ 447,226)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating Forces:	
12600 B–52 attrition reserve	+ 35,000
12700 Enhancement Forces mission planning system	– 1,000
12800 Communications, other contracts	– 2,000
13450 Space Control Systems underexecution	– 25,000
13000 Global C ³ I, Early Warning underexecution	– 20,000
13050 University Partnering for Operational Support	+ 5,000
13100 TACCSF upgrades	+ 10,000
13400 Launch Vehicle underexecution	– 15,000
Budget activity 3: Training and Recruiting:	
14450 RPM	– 2,000
14800 Base Support and Other Training	– 10,000
15100 Civilian education and training	– 1,000
15150 Junior ROTC	+ 4,000
Budget activity 4: Administration and servicewide activities:	
15500 Pentagon renovation	– 72,500
15550 RPM–Eielson utilidors	+ 9,900
15550 Tinker and Altus base repairs	+ 25,000
15700 Servicewide Communications	– 4,000

15900 Arms Control underexecution	- 8,000
15950 Other Servicewide activities, other contracts	- 4,000
16000 Personnel Support underexecution	- 3,000
16050 Civil Air Patrol	+ 12,500
16405 Undistributed: Maintenance of Real Property	+ 500,826

COMMITTEE ADJUSTMENTS

Program reductions.—The Committee supports the Air Force efforts to adapt force structure to the Air Expeditionary Force concept, and remedy spare parts shortfalls. Air Force operation and maintenance programs are generally growing at a rate greater than inflation. The budget request sought general funding increases to some programs that had not realized planned savings in prior years. The Committee recommends several adjustments to programs with unjustified program growth such as service-wide communications, and contract costs. Other programs such as Space Control Systems, Launch Vehicles, and Arms Control have experienced under execution of funds. Funding for the Pentagon renovation has been transferred to the Pentagon renovation transfer fund.

B-52 attrition reserve aircraft.—Despite the clear direction of the Committee, which was provided in Senate Report 105-200, the Air Force has decided to reduce the total aircraft inventory of B-52s during fiscal year 2000. The Committee has provided sufficient operation and maintenance funding to support a force structure of 94 aircraft. No later than June 1, 2000, the Secretary of the Air Force shall report to the Committee any intention or proposal to reduce the B-52s from the level directed. Additionally, the Committee directs the Air Force to treat all 94 B-52s now in the force structure as aircraft to be retained for the six year period beginning October 1, 1999.

Myrtle Beach Air Force Base.—The Committee urges the Air Force to initiate environmental restoration at this site to correct long-standing environmental concerns.

Radioactive iodine experimentation.—The Committee strongly supports the progress that the Air Force has made in resolving the 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. The Committee directs the Secretary of the Air Force to report to the congressional defense committees on the resolution of this matter no later than October 15, 1999.

Air Force Plant No. 3.—The Committee encourages the Secretary of the Air Force to transfer by deed to the City of Tulsa, Oklahoma, all of the property known as Air Force Plant No. 3. The Committee strongly urges the Air Force to work cooperatively with the City of Tulsa to mitigate the remaining environmental contamination on this property as expeditiously as possible. The Committee directs the Secretary of the Air Force to report on the status of the title transfer no later than December 15, 1999.

Global Combat Support System-Air Force (GCSS-AF).—The Committee is pleased with the Air Force's progress on the modernization and integration of critical combat support systems under the Global Combat Support System-Air Force (GCSS-AF) contract. This activity is important to future combat readiness and is a major step toward interoperability between the combat support systems of all services. The key to the success of this effort is the un-

derlying foundation of system architecture and integration. The many benefits to be gained from continued modernization and integration work under the GCSS-AF contract are clear, particularly in terms of reduced long-term maintenance costs for outdated legacy systems.

Tinker and Altus Air Force Base repairs.—The Committee recommends an increase of \$25,000,000 to real property maintenance to provide for the repair of damages resulting from tornadoes in May of 1999. The Air Force shall fund fully all military personnel and flying hour costs related to the restoration of these bases.

Air Force Technical Applications Center.—Preventing the proliferation of nuclear weapons is one of the most important issues facing the U.S. today. Multiple nuclear tests detonated by India and Pakistan emphasize the need for a continued strong nuclear monitoring capability. The Committee has funded fully the budget request for Air Force Technical Applications Center's (AFTAC) and strongly encourages AFTAC to make meeting its operational nuclear test monitoring responsibilities a first priority within these available funds.

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Appropriations, 1999	\$10,914,076,000
Budget estimate, 2000	11,419,233,000
Committee recommendation	11,537,333,000

The Committee recommends an appropriation of \$11,537,333,000. This is \$118,100,000 above 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	2000 budget estimate	Committee recommendation	Change from budget estimate
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
BUDGET ACTIVITY 1: OPERATING FORCES:			
JOINT CHIEFS OF STAFF	382,269	389,269	+ 7,000
SPECIAL OPERATIONS COMMAND	1,219,698	1,219,698	.....
TOTAL, BUDGET ACTIVITY 1	1,601,967	1,608,967	+ 7,000
BUDGET ACTIVITY 2: MOBILIZATION DEFENSE LOGISTICS AGENCY	38,312	48,312	+ 10,000
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
AMERICAN FORCES INFORMATION SERVICE	9,512	9,512	.....
DEFENSE ACQUISITION UNIVERSITY	100,380	100,380	.....
DEFENSE FINANCE AND ACCOUNTING SERVICE	18,000	18,000	.....
DEFENSE HUMAN RESOURCES ACTIVITY	58,100	58,100	.....
DEFENSE SECURITY SERVICE	7,254	7,254	.....
DEFENSE THREAT REDUCTION AGENCY	913	913	.....
SPECIAL OPERATIONS COMMAND	44,344	44,344	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
TOTAL, BUDGET ACTIVITY 3	238,503	238,503	.....
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
AMERICAN FORCES INFORMATION SERVICE	95,865	95,865	.....
CIVIL MILITARY PROGRAMS	87,503	88,503	+ 1,000
CLASSIFIED AND INTELLIGENCE	4,067,679	4,100,579	+ 32,900
DEFENSE CONTRACT AUDIT AGENCY	340,624	340,624	.....
DEFENSE FINANCE AND ACCOUNTING SERVICE	27,138	27,138	.....
DEFENSE HUMAN RESOURCES ACTIVITY	190,226	190,226	.....
DEFENSE INFORMATION SYSTEMS AGENCY	822,904	822,904	.....
DEFENSE LEGAL SERVICES AGENCY	9,483	9,483	.....
DEFENSE LOGISTICS AGENCY	1,186,236	1,188,236	+ 2,000
DEFENSE POW/MISSING PERSONS OFFICE	14,505	14,505	.....
DEFENSE SECURITY ASSISTANCE AGENCY	65,638	65,638	.....
DEFENSE SECURITY SERVICE	84,395	84,395	.....
DEFENSE THREAT REDUCTION AND TREATY COMPLIANCE AGENCY	195,533	180,033	- 15,500
DEPARTMENT OF DEFENSE DEPENDENTS EDUCATION	1,376,909	1,387,309	+ 10,400
JOINT CHIEFS OF STAFF	158,647	158,647	.....
OFFICE OF ECONOMIC ADJUSTMENT	30,940	50,940	+ 20,000
OFFICE OF THE SECRETARY OF DEFENSE	423,493	448,793	+ 25,300
SPECIAL OPERATIONS COMMAND	40,263	40,263	.....
WASHINGTON HEADQUARTERS SERVICE	322,470	322,470	.....
TOTAL, BUDGET ACTIVITY 4	9,540,451	9,616,551	+ 76,100
LEGACY .....	.....	15,000	+ 15,000
SECURITY LOCKS .....	.....	10,000	+ 10,000
TOTAL UNDISTRIBUTED .....	.....	25,000	+ 25,000
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	11,419,233	11,537,333	+ 118,100
TOTAL FUNDING AVAILABLE	(11,419,233)	(11,537,333)	(+ 118,100)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1: Operating forces:	
Exercise Northern Edge	+ \$7,000
Budget activity 2: DLA:	
Mobility Enhancements	+ 10,000
Budget activity 4: Administrative and servicewide activities:	
Civil-military programs	+ 1,000
Classified programs	+ 32,900
DLA; Midway fuel resupply	+ 2,000
DTRA; treaty implementation delays	- 15,500
DoDDS; Math Teacher Leadership Program	+ 400
Special education support	+ 5,000
Technology innovation and teacher education	+ 5,000
OEA; Fitzsimmons Army Hospital	+ 10,000
Charleston Macalloy site	+ 10,000
OSD; Pacific Disaster Center operations	+ 4,000
Clara Barton Center at Pine Bluff	+ 1,300
Jefferson Project	+ 5,000
Funeral honors for veterans	+ 10,000
Undistributed:	
Legacy	+ 15,000
Security Locks	+ 10,000

COMMITTEE ADJUSTMENTS

Defense Threat Reduction and Treaty Compliance Agency.—The Committee has reduced funding by \$15,500,000 as a result of anticipated delays in treaty implementation and scheduled inspections. If additional funding is required to meet emergent requirements stemming from valid treaty obligations, the Committee expects the Department of Defense to submit a reprogramming request subject to normal, prior approval reprogramming procedures.

Procurement Technical Assistance Program [PTAP].—The Committee commends the Department for fully funding the Procurement Technical Assistance Program and subsequently provides full funding for this worthwhile initiative. PTAP shall continue to be designated a special interest program, with written approval by the Appropriations Committees required prior to any below-threshold reprogramming from this line.

Pine Bluff Arsenal Sustainment Training and Technical Assistance Program.—The Committee directs the Department of Defense to establish a Sustainment Training and Technical Assistance Program at Pine Bluff Arsenal, AR for chemical and biological defense equipment in support of the Department of Justice equipment grant program.

Special Education Support.—The Committee recommends an increase of \$5,000,000 above the budget request to increase assistance to those schools in the United States with high concentrations of special needs children, particularly those which are considered overseas assignments. The Committee understands that the amounts currently provided by the Federal government are insufficient to provide fully for the requirements of those schools that have large special needs populations of military dependents.

OTHER DEFENSE PROGRAMS

Legacy Program.—The Committee has provided \$15,000,000 for continuation of the Legacy Program and directs the Department to provide adequate funding for this program in fiscal year 2001. From within these extra funds, the Committee expects the Department to proceed with the preparation and execution of conservation plans to raise and preserve the submarine Hunley.

Additionally, the Committee supports a major expansion and renovation of the U.S.S. *Constitution* Museum and its archive and artifact storage area planned as part of the museum's preparation for the new millennium. This project will dramatically improve both the preservation and public access for more than 10,000 items from the U.S.S. *Constitution's* history.

From within the funds provided, the Department should proceed with the recovery of artifacts from the Confederate Civil War ship, C.S.S. *Alabama*.

Outsourcing and Privatization.—The Secretary of Defense shall submit to the defense committees, by March 15, 2000, a report that includes the following elements: (a) the size of the private sector workforce performing contracts for the Department of Defense; (b) a cost analysis of contracts awarded pursuant to OMB Circular A-76 in the last five years that compares the cost of the federal employee contract at the time of competition to the actual cost of the

contract; (c) the savings that are assumed in the fiscal year 2000 budget submissions of each of the armed services due to outsourcing and privatization activities; (d) an analysis of the amount and value of contracts that were awarded to private contractors through OMB Circular A-76 versus other mechanisms; and (e) the dates for renewal for contracts of more than \$2,000,000 that were awarded pursuant to OMB Circular A-76.

Streamlining Acquisition of Environmentally Preferable Products.—Pollution prevention activities by the Department of Defense continue to prove financially viable with both short and long term financial savings. An important element of pollution prevention is the purchase of environmentally preferable products (EPPs), as defined by Executive Order 13101. Accordingly, the Committee urges the Department of Defense to provide adequate resources for efforts toward implementation of the Executive Order. Further, the Department should examine the feasibility of providing resources for interagency activities for the development of environmental preferability standards by appropriate Federal agencies or nongovernmental organizations.

CIVIL-MILITARY PROGRAMS

The Committee continues to support the Department's civil-military programs and provides a total of \$88,503,000 for fiscal year 2000 as follows:

[In thousands of dollars]	
Youth Challenge Program	62,503
Innovative readiness training	20,000
Starbase Youth Program	6,000
Total	88,394

The Committee directs the Department to report to the Committee on Appropriations on the status of the obligation of these funds not later than March 15, 2000.

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. The Committee believes that the Department should expand the scope of the readiness initiatives to include native American groups when appropriate and compatible with mission requirements.

RESERVE AND NATIONAL GUARD OPERATION AND MAINTENANCE

OPERATION AND MAINTENANCE, ARMY RESERVE

Appropriations, 1999	\$1,202,622,000
Budget estimate, 2000	1,369,213,000
Committee recommendation	1,438,776,000

The Committee recommends an appropriation of \$1,438,776,000. This is \$69,563,000 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>
Training deployments	+ 20,000
Real property maintenance backlog	+ 10,000
QOLE(D) RPM transfer	+ 39,563
Total adjustments	+ 69,563
Recommended appropriations	1,438,776

HMMWV Contract Maintenance.—The Committee urges the Army Reserve to consider contract maintenance for their light tactical vehicle fleet.

Modern Burner Unit.—The Committee understands that improving Army field feeding equipment is a major priority of the U.S. Army. The Modern Burner Unit (MBU) was developed to replace the gasoline burning M2 currently used in all Army field-feeding applications. The MBU eliminates the pressurized fuel system of the M2 and uses electronically controlled components to decrease the production of hazardous emissions. Fielding of the MBU directly supports the quality of life, safety and the combat effectiveness of the soldier. The Committee encourages the Army Reserve to identify the necessary resources to continue the fielding of this system to key units.

OPERATION AND MAINTENANCE, NAVY RESERVE

Appropriations, 1999	\$957,239,000
Budget estimate, 2000	917,647,000
Committee recommendation	946,478,000

The Committee recommends an appropriation of \$946,478,000. This is \$28,831,000 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>
Real property maintenance backlog	+ 10,000
Base operations	+ 5,000
QOLE(D) RPM transfer	+ 13,831
Total adjustments	+ 28,831
Recommended appropriations	946,478

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Appropriations, 1999	\$117,893,000
Budget estimate, 2000	123,266,000
Committee recommendation	126,711,000

The Committee recommends an appropriation of \$126,711,000. This is \$3,445,000 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>
Real property maintenance backlog	+ 1,000
Depot maintenance	+ 1,500
QOLE(D) RPM transfer	+ 945
Total adjustments	+ 3,445
Recommended appropriations	126,711

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Appropriations, 1999	\$1,747,696,000
Budget estimate, 2000	1,728,437,000
Committee recommendation	1,760,591,000

The Committee recommends an appropriation of \$1,760,591,000. This is \$32,154,000 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>
Real property maintenance backlog	+ 10,000
Base operations	+ 10,000
QOLE(D) RPM transfer	+ 12,154
Total adjustments	+ 32,154
Recommended appropriations	1,760,591

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Appropriations, 1999	\$2,678,015,000
Budget estimate, 2000	2,903,549,000
Committee recommendation	3,156,378,000

The Committee recommends an appropriation of \$3,156,378,000. This is \$252,829,000 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	+ 20,000
Distance learning project	+ 45,000
Training deployments	+ 20,000
Additional full-time support (technicians)	+ 26,000
Technicians costing error	+ 48,000
Optempo increase	+ 20,000
School house support	+ 10,000
QOLE(D) RPM transfer	+ 60,629
Project Alert	+ 3,200
Total adjustments	+ 252,829
Recommended appropriations	3,156,378

National Missile Defense Planning Cell.—During fiscal year 2000, the Department of Defense will conduct a Deployment Readiness Review to assess the feasibility of deploying an operational national missile defense (NMD) system to defend the United States against a limited strategic ballistic missile threat. The National Guard will play an integral role in manning and maintaining this

“one-of-a-kind” system. The Committee strongly encourages the National Guard Bureau to create a dedicated NMD planning cell to facilitate coordination and integration between the Ballistic Missile Defense NMD Joint Program Office, Corps of Engineers, Department of the Army, Guard Bureau and the lead system integrator.

The Committee recommends the identification and selection of National Guard personnel to actively participate in planning and development of doctrine regarding the NMD system. The Committee believes that manning for this system will require innovative doctrine and planning development to meet the challenges in recruiting, training, and educating the personnel that will man this national asset. Additional funding provided in this section for full-time Guard manning will accommodate this requirement for a planning cell. The Committee directs the Secretary of the Army to report to the congressional defense subcommittees on the status of the National Guard assuming this mission, creation of a planning cell, and development of associated NMD doctrine and concept of operations. This report should be provided not later than April 15, 2000.

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 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 15, 2000.

Distance learning initiative.—The Committee provides an increase of \$45,000,000 in the Army National Guard “Operation and maintenance” appropriation and \$45,000,000 in the “Other procurement, Army” appropriation for distance learning and information management requirements. The Committee continues to support 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.

The Committee urges the National Guard Bureau to examine partnering opportunities with universities and state governments that would facilitate community involvement in this network and enhance its long term viability.

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 2000 not later than February 15, 2000.

Project Management System Pilot Project.—The Committee understands that the National Guard Bureau has begun to implement

a Project Management System Pilot Program which will provide a fully integrated, scheduling and financial project management system. This system, which uses commercially developed off-the-shelf technology, will present essential information to decision makers in a timely manner. The Committee urges the Department of Defense to review its applicability for use throughout the Department.

BASE PACE.—The Committee believes that in the future the most cost-effective means of military education will be distributive learning, with basic computer skills providing the foundation. The Committee is aware that the Distributive Technologies Innovation Center of the U.S. Army National Guard Training and Technology Battle Lab has developed the BASE PACE pilot program to provide distributive learning opportunities to improve military occupational speciality skills. The Committee urges the Department to continue this important program.

Computer Emergency Response Team (CERT).—The Committee understands that the National Guard has initiated a pilot program to protect intra-state computer networks. The five states that currently have teams have expressed support for this new innovative concept. The Committee encourages the National Guard Bureau to assess the requirement and feasibility of expanding this initiative.

Net Trooper Program.—With the tremendous growth of distance learning initiatives throughout the Department of Defense, the Committee believes that all military personnel need the appropriate tools and training to maximize these opportunities. The Net Trooper program provides an advanced computer and Internet learning tool that appears to have great potential in meeting these goals. The Committee urges the National Guard Bureau to consider this software for incorporation into its distance learning program.

First responder missions.—The Committee encourages the National Guard Bureau to give consideration to the Washington Army National Guard at Camp Murray for development and enhancement of courseware development and commercially available off-the-shelf (COTS) management system software and hardware to meet unfunded Army National Guard functional training requirements for “first responder” missions such as weapons of mass destruction, information operations and the Rapid Assessment and Initial Detection (RAID) teams.

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Appropriations, 1999	\$3,106,933,000
Budget estimate, 2000	3,099,618,000
Committee recommendation	3,229,638,000

The Committee recommends an appropriation of \$3,229,638,000. This is \$130,020,000 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	+ 5,000
Depot maintenance	+ 20,000
Real property maintenance backlog	+ 10,000
Base operations	+ 10,000
Flying hour program shortfall	+ 15,000
Fort Belknap Training Range	+ 2,000
Recruiting	+ 5,000
QOLE(D) RPM transfer	+ 63,020
Total adjustments	+ 130,020
Recommended appropriations	3,229,638

C-130 operations.—The Committee recognizes the increased demand placed on C-130 aircraft operations within the Air National Guard and has provided \$5,000,000 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.

Air National Guard Civil Engineer Force Structure.—The Committee understands that the Air Force is reassessing its total civil engineer requirements in light of emerging Expeditionary Aerospace Force (EAF) and weapons of mass destruction initiatives. Currently, the Air Guard civil engineering force is programmed to lose many key specialties to include engineering, electrical power production, heating/ventilation/air conditioning, pavements, structural, utilities, liquid fuels, environmental, operations, fire protection and readiness. The Air Guard's capabilities to support the total force contingency and wartime taskings will be drastically reduced by these projected manpower reductions.

The Committee directs the Secretary of the Air Force to report to the congressional defense committees on the Air Force plan to realign the total civil engineer force structure and its future ability to support wartime requirements in this area no later than November 15, 1999.

Fort Belknap Training Range.—The Committee provides an additional \$2,000,000 for studies required for the Fort Belknap Training Range.

Defense Systems Evaluation (DSE).—Of the funds provided under this heading, the Committee directs that \$2,500,000 be used to continue DSE service to the White Sands Missile Range.

C⁴ Systems Support.—The Committee has learned that the recent conversion of two active Air Force bases to C-17 training and daily operations revealed deficiencies in communications infrastructure, which provided significant impediment to the bases' efficient conversion. The Committee is also aware that the Air National Guard unit, which will receive the first Air National Guard C-17 aircraft, also suffers from communications obsolescence. To ensure that this Air Guard unit and bed-down location meet the increased technical requirements of Command, Control, Communication and Computers (C⁴), the Air Force is directed to review the capabilities of this unit and provide a detailed report to the Committee by 1 November 1999. The report shall include the Air Force's plans to ensure that the required base infrastructure improvements are

completed at this location prior to the arrival of the first C-17 aircraft.

OVERSEAS CONTINGENCY OPERATIONS TRANSFER FUND

Appropriations, 1999	\$439,400,000
Budget estimate, 2000	2,387,600,000
Committee recommendation	2,087,600,000

Contingency Operations.—During 1997, the Department of Defense established a Readiness panel as part of the Quadrennial Defense Review. The Readiness panel considered several methods for funding the cost of peacekeeping operations, having recognized that the administration's policy of engaging in indefinite peacekeeping operations was causing a migration of funds from modernization to operation and maintenance activities. The Secretary of Defense chose not to implement any of the funding alternatives presented by the Readiness panel.

The Committee is concerned that after two years from the inception of the QDR, the Department of Defense has failed to establish a consistent policy for the equitable funding of contingency operations across the Armed Services. For example, by classifying standard operation and maintenance activities at bases within the continental U.S. (such as real property maintenance, base operations, civilian personnel costs, range upgrades, and weapons and vehicle maintenance), as incremental costs, the Army has funded these activities as contingency operations. The costs of training preparation for Bosnia ground units, moreover, are no longer incremental, as these units have been identified long in advance of deployment. The Air Force, in fiscal year 1998, expended contingency costs in nearly every subactivity group within the O&M appropriation. The Navy routinely funds the costs of contingencies and deployments from within available O&M funding. Further confusing the Department's funding of contingencies is the financing of second destination transportation for Bosnia from Defense Working Capital Fund cash resources.

In light of this misuse of the Overseas Contingency Operations Transfer Fund, and the reduction in personnel supporting operations in Bosnia subsequent to the submission of the budget estimate, the request is reduced by \$300,000,000.

The Department, moreover, was provided additional supplemental contingency funding for fiscal year 1999 as described in H.R. 1141, as enacted.

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, 1999	\$7,324,000
Budget estimate, 2000	7,621,000
Committee recommendation	7,621,000

The Committee recommends an appropriation of \$7,621,000 for activities of the Court of Military Appeals for fiscal year 2000.

ENVIRONMENTAL RESTORATION

Total Appropriations, 1999	\$1,268,431,000
Budget estimate, 2000	1,263,554,000
Committee recommendation	1,303,554,000

The Committee recommends a total amount for environmental restoration of \$1,303,554,000. This is \$40,000,000 above the budget estimate.

Environmental Contracting.—The Committee remains concerned with the degree that the Department of Defense is using large Indefinite Delivery/Indefinite Quantity (IDIQ) contracts, such as the Remedial Action Contract (RAC) and the Total Environmental Restoration Contract (TERC), to execute their overall environmental restoration program. Some of these contract awards have dollar values of more than \$300,000,000, encompass a broad geographic area and can remain in effect over a ten-year period.

For example, the Navy executed 35 percent of its environmental remediation program in fiscal year 1998 using RAC contracts. This contracting strategy was originally envisioned for clean up requirements that were high priority, complex and time sensitive. However, IDIQ contracts have become the preferred contractual vehicle for environmental work throughout the Department. While the Committee recognizes the need for flexibility in environmental contracting, the use of these large, undefinitized contracts often precludes local contractor and small business involvement in DOD's clean up work.

Accordingly, the Committee directs that not more than 25 percent of funding obligated to the Department of Defense for environmental remediation shall be executed through indefinite delivery/indefinite quantity contracts with a total contract amount of \$130,000,000 or higher. Further, the Committee directs that the Secretary of Defense report to the congressional defense committees not later than January 15, 2000, on their use of IDIQ contracts during fiscal year 1999, and that this information be provided quarterly throughout fiscal year 2000.

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 \$5,000,000. The Committee directs that this requirement shall apply to all increments of indefinite delivery indefinite quantity-type contracts which meet this threshold.

The Committee has provided the following funding for each service:

ENVIRONMENTAL RESTORATION, ARMY

Appropriations, 1999	\$370,640,000
Budget estimate, 2000	378,170,000
Committee recommendation	378,170,000

The Committee recommends an appropriation of \$378,170,000 for fiscal year 2000. This amount is equal to the budget request.

ENVIRONMENTAL RESTORATION, NAVY

Appropriations, 1999	\$274,600,000
Budget estimate, 2000	284,000,000
Committee recommendation	284,000,000

The Committee recommends an appropriation of \$284,000,000 for fiscal year 2000. This amount is equal to the budget request.

ENVIRONMENTAL RESTORATION, AIR FORCE

Appropriations, 1999	\$372,100,000
Budget estimate, 2000	376,800,000
Committee recommendation	376,800,000

The Committee recommends an appropriation of \$376,800,000 for fiscal year 2000. This amount is equal to the budget request.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Appropriations, 1999	\$26,091,000
Budget estimate, 2000	25,370,000
Committee recommendation	25,370,000

The Committee recommends an appropriation of \$25,370,000 for fiscal year 2000. This amount is equal to the budget request.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

Appropriations, 1999	\$225,000,000
Budget estimate, 2000	199,214,000
Committee recommendation	239,214,000

The Committee recommends an appropriation of \$239,214,000 for fiscal year 2000. This amount is \$40,000,000 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	40,000
Total adjustments	40,000
Recommended appropriation	239,214

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 \$40,000,000 to reduce the number of FUDS requiring investigation and remediation.

Building demolition and debris removal.—To minimize mobilization costs at remote sites, the Department may perform building demolition and debris removal at Formerly Used Defense Sites as appropriate, using fiscal year 2000 funds available under this heading.

FORMER SOVIET UNION THREAT REDUCTION

Appropriations, 1999	\$440,400,000
Budget estimate, 2000	475,500,000
Committee recommendation	475,500,000

The Committee appropriates \$475,500,000, the authorized level, for this program.

Russian nuclear submarine dismantlement and disposal.—The Committee directs that \$25,000,000 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, 2000.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

Appropriations, 1999	\$50,000,000
Budget estimate, 2000	55,800,000
Committee recommendation	55,800,000

The Committee recommends an appropriation of \$55,800,000 for humanitarian assistance, foreign disaster relief, and humanitarian demining programs. Of the funds provided in OHDCA, the Department may expend up to \$1,000,000 for telemedicine efforts associated with the rehabilitation of victims of landmines.

TITLE III PROCUREMENT

ESTIMATES AND APPROPRIATION SUMMARY

The President's Department of Defense fiscal year 2000 title III procurement budget request totals \$51,851,538,000. This request is \$3,261,118,000 or 6.7 percent above the amounts Congress appropriated in fiscal year 1999 for procurement activities.

Title III of the accompanying bill recommends a total of \$54,532,016,000 in new budget authority. The total amount recommended is an increase of \$2,680,478,000 to the fiscal year 2000 budget request. The following table summarizes the procurement budget estimates, the Committee recommendations, and a comparison.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Aircraft procurement, Army	1,229,888	1,440,788	+ 210,900
Missile procurement, Army	1,358,104	1,267,698	- 90,406
Procurement of weapons and tracked combat vehicles, Army	1,416,765	1,526,265	+ 109,500
Procurement of ammunition, Army	1,140,816	1,145,566	+ 4,750
Other procurement, Army	3,423,870	3,658,070	+ 234,200
Subtotal, Army	8,569,443	9,086,637	+ 517,194
Aircraft procurement, Navy	8,228,655	8,608,684	+ 380,029
Weapons procurement, Navy	1,357,400	1,423,713	+ 66,313
Procurement of ammunition, Navy and Marine Corps	484,900	510,300	+ 25,400
Shipbuilding and conversion, Navy	6,678,454	7,178,454	+ 500,000
Other procurement, Navy	4,100,091	4,184,891	+ 84,800
Procurement, Marine Corps	1,137,220	1,236,620	+ 99,400
Subtotal, Navy	21,986,720	23,145,062	+ 1,158,342
Aircraft procurement, Air Force	9,302,086	9,758,333	+ 456,247
Missile procurement, Air Force	2,359,608	2,338,505	- 21,103
Procurement of ammunition, Air Force	419,537	427,537	+ 8,000
Other procurement, Air Force	7,085,177	7,198,627	+ 113,450
Subtotal, Air Force	19,166,408	19,718,002	+ 551,594
Procurement, Defense-wide	2,128,967	2,327,965	+ 198,998
National Guard and Reserve equipment .....	.....	300,000	+ 300,000
Total, procurement	51,851,538	54,532,016	+ 2,680,478

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.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 1999	\$1,388,268,000
Budget estimate, 2000	1,229,888,000
Committee recommendation	1,440,788,000

The Committee recommends \$1,440,788,000, an increase of \$210,900,000 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 Army 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
AIRCRAFT PROCUREMENT, ARMY						
AIRCRAFT:						
FIXED WING: UTILITY F/W (MR) AIRCRAFT			5	27,000	+ 5	+ 27,000
ROTARY:						
UH-60 BLACKHAWK (MYP)	8	86,140	19	207,140	+ 11	+ 121,000
UH-60 BLACKHAWK (MYP) (AP-CY)		16,700		16,700		
TOTAL, AIRCRAFT		102,840		250,840		+ 148,000
MODIFICATION OF AIRCRAFT:						
GUARDRAIL MODS (TIARA)		18,863		18,863		
ARL MODS		5,828		5,828		
AHIF MODS		432		432		
AH-64 MODS		22,565		67,565		+ 45,000
CH-47 CARGO HELICOPTER MODS (MYP)		70,738		73,738		+ 3,000
UTILITY/CARGO AIRPLANE MODS		6,308		9,308		+ 3,000
OH-58 MODS		468		468		
AIRCRAFT LONG RANGE MODS		761		761		
Longbow		729,536		717,836		- 11,700
Longbow (AP-CY)		35,702		35,702		
UH-1 MODS		4,380		4,380		
UH-60 MODS		12,087		12,087		
KIOWA WARRIOR		39,046		45,646		+ 6,600
EH-60 QUICKFIX MODS		4,915		4,915		
AIRBORNE AVIONICS		43,690		43,690		
ASE MODS (SIRFC)		11,796		11,796		
ASE MODS (ATIRCM)				8,100		+ 8,100

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
GATM		7,090		7,090		
MODIFICATIONS LESS THAN \$5.0M		2,586		2,586		
TOTAL, MODIFICATION OF AIRCRAFT		1,016,791		1,070,791		+ 54,000
SPARES AND REPAIR PARTS: SPARE PARTS (AIR) ..		16,075		16,075		
SUPPORT EQUIPMENT AND FACILITIES: GROUND						
SUPPORT AVIONICS: AIRCRAFT SURVIVABILITY						
EQUIPMENT		88		12,588		+ 12,500
OTHER SUPPORT:						
AVIONICS SUPPORT EQUIPMENT				5,000		+ 5,000
COMMON GROUND EQUIPMENT		35,915		19,315		- 16,600
AIRCREW INTEGRATED SYSTEMS		4,394		12,394		+ 8,000
AIR TRAFFIC CONTROL		8,760		8,760		
INDUSTRIAL FACILITIES		1,462		1,462		
AIRBORNE COMMUNICATIONS		43,563		43,563		
TOTAL, SUPPORT EQUIPMENT AND FACILI-						
TIES		94,182		103,082		+ 8,900
TOTAL, AIRCRAFT PROCUREMENT,						
ARMY		1,229,888		1,440,788		+ 210,900

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
UTILITY F/W (MR) AIRCRAFT		27,000	+ 27,000
Five (5) additional UC-35 aircraft		27,000	+ 27,000
UH-60 BLACKHAWK (MYP)	86,140	207,140	+ 121,000
Six (6) Additional Blackhawk UH-60L Heli-			
copters		54,000	+ 54,000
Five (5) Blackhawk UH-60Q Medical Evacu-			
ation Helicopters		67,000	+ 67,000
AH-64 MODS	22,565	67,565	+ 45,000
AH-64D Longbow Systems Processor			
Obsolescence		45,000	+ 45,000
CH-47 CARGO HELICOPTER MODS (MYP)	70,738	73,738	+ 3,000
Crashworthy Troop Seat for CH-47		3,000	+ 3,000
UTILITY/CARGO AIRPLANE MODS	6,308	9,308	+ 3,000
C-12 Avionics Upgrades		3,000	+ 3,000
LONGBOW	729,536	717,836	- 11,700

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Deferral of Air-to-Air Program Efforts		— 6,900	— 6,900
Reduction in GFE/Other Funds based on Late Award of Prior Year Funds		— 4,800	— 4,800
KIOWA WARRIOR	39,046	45,646	+ 6,600
Crew Station Mission Equipment Trainer (CSMET) Program		2,600	+ 2,600
Switchable Eyesafe Laser Rangefinder/Designator (SELRD)		4,000	+ 4,000
ASE MODS (ATIRCM)		8,100	+ 8,100
ATIRM/CMWS Integration on Apache Longbow ..		8,100	+ 8,100
AIRCRAFT SURVIVABILITY EQUIPMENT	88	12,588	+ 12,500
Aircraft Survivability Equipment Trainer (ASET IV)		12,500	+ 12,500
AVIONICS SUPPORT EQUIPMENT		5,000	+ 5,000
Aviator's Night Vision Imaging Systems (ANVIS)		5,000	+ 5,000
COMMON GROUND EQUIPMENT	35,915	19,315	— 16,600
Delays in the Aircraft Cleaning and Deicing System Procurement		— 2,500	— 2,500
Delays in the DoD Advanced Automation System (DAAS)		— 10,100	— 10,100
Delays in the Airfield Status Automation System (ASAS)		— 4,000	— 4,000
AIRCREW INTEGRATED SYSTEMS	4,394	12,394	+ 8,000
Digital Source Collectors (Air Integrated System)		3,000	+ 3,000
HGU-56/P aircrew integrated helmet system) ..		5,000	+ 5,000

UH-60 Helicopters.—The Committee recommends an addition of \$121,000,000 for the purchase of 6 UH-60L and 5 UH-60Q model helicopters. The Committee directs the six UH-60L's shall be made available to the Army National Guard.

AH-64 Apache Longbow.—The Committee believes the Army decision to reduce the Apache Longbow inventory objective is short sighted and unaffordable. The new plan to adjust the Apache Longbow inventory to 530 helicopters and 500 radars from the plan of 748 helicopters and 227 radars has several implications which the Army did not fund. First, the remaining A-model Apaches will now require a service life extension program and will force the Army to maintain unique support equipment, spares, and training—all currently unfunded in Army budget plans. Further, the Army has not fully funded the additional fire control radars and engine modifications. Finally, this unaffordable Army decision ignores the doctrinal plan to rely on a single fire control radar-equipped Apache to support multiple Longbow-capable Apaches.

The Committee believes the previous Apache Longbow acquisition strategy was more appropriate to the Army's requirements, operating doctrine and budget resources. The Committee directs the Army to develop an affordable, fully budgeted plan for the Apache Longbow program. The Committee directs the Secretary of the Army to submit a report on this plan with the fiscal year 2001 Department of Defense budget request.

Kiowa Warrior.—The Committee has provided an increase of \$2,600,000 for Crew Station Mission Equipment Trainers (CSMET). CSMET supports Army Aviation requirements for the new, higher fidelity Kiowa Warrior Crew Trainer (KWCT) of the future. The Committee understands that this change will integrate CSMET equipment with the KWCT program that will include sensor and gunnery training.

MISSILE PROCUREMENT, ARMY

Appropriations, 1999	\$1,388,268,000
Budget estimate, 2000	1,358,104,000
Committee recommendation	1,267,698,000

The Committee recommends an appropriation of \$1,267,698,000 for the Army's fiscal year 2000 "Missile procurement" account. The Committee's recommended funding level is \$90,406,000 below the budget request.

This appropriation finances the procurement, production, modification, and modernization of missiles, equipment, including ordnance, 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: AVENGER SYSTEM SUMMARY	20	33,750	20	33,750	.....	.....
AIR-TO-SURFACE MISSILE SYSTEM:						
HELLFIRE SYS SUMMARY	2,200	296,472	2,200	296,472	.....	.....
ANTI-TANK/ASSAULT MISSILE SYSTEM:						
JAVELIN (AAWS-M) SYSTEM SUMMARY	2,682	307,677	2,682	307,677	.....	.....
JAVELIN (AAWS-M) SYSTEM SUMMARY (AP-CY)		98,406	.....	.....	.....	- 98,406
MLRS ROCKET		3,338	.....	3,838	.....	+ 500
MLRS LAUNCHER SYSTEMS	47	130,634	47	130,634	.....	.....
MLRS LAUNCHER SYSTEMS (AP-CY)		15,993	.....	15,993	.....	.....
ARMY TACTICAL MSL SYS (ATACMS)—SYS SUM	110	95,619	110	95,619	.....	.....
ATACMS/BAT	61	76,787	61	76,787	.....	.....
BAT	846	149,254	846	149,254	.....	.....
TOTAL, OTHER MISSILES .....	.....	1,207,930	.....	1,110,024	.....	- 97,906

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MODIFICATION OF MISSILES:						
MODIFICATIONS:						
PATRIOT MODS		30,840		30,840		
STINGER MODS		17,392		24,892		+ 7,500
ITAS/TOW MODS		68,306		68,306		
MLRS MODS		6,654		6,654		
TOTAL, MODIFICATION OF MISSILES		123,192		130,692		+ 7,500
SPARES AND REPAIR PARTS: SPARES AND REPAIR PARTS						
		19,002		19,002		
SUPPORT EQUIPMENT AND FACILITIES:						
AIR DEFENSE TARGETS		2,373		2,373		
ITEMS LESS THAN \$5.0M (MISSILES)		989		989		
MISSILE DEMILITARIZATION		1,397		1,397		
PRODUCTION BASE SUPPORT		3,221		3,221		
TOTAL, SUPPORT EQUIPMENT AND FACILITIES		7,980		7,980		
TOTAL, MISSILE PROCUREMENT, ARMY		1,358,104		1,267,698		— 90,406

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
JAVELIN ADVANCE PROCUREMENT (CY)	98,406		— 98,406
MLRS ROCKET	3,338	3,838	+ 500
MLRS Rocket Inventory and Reuse Model Develop- ment		500	+ 500
STINGER MODS	17,392	24,892	+ 7,500

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 1999	\$1,548,340,000
Budget estimate, 2000	1,416,765,000
Committee recommendation	1,526,265,000

The Committee recommends an appropriation of \$1,526,265,000 for the Army's fiscal year 2000 "Procurement of weapons and

tracked combat vehicles” account. The Committee recommendation is \$109,500,000 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		2,640		2,640		
BRADLEY BASE SUSTAINMENT		308,762		315,762		+ 7,000
BRADLEY BASE SUSTAINMENT (AP-CY)		27,675		27,675		
BRADLEY FVS TRAINING DEVICES		23,441		23,441		
HAB TRAINING DEVICES		14,910		14,910		
BRADLEY FVS TRAINING DEVICES (MOD)		4,334		4,334		
ABRAMS TANK TRAINING DEVICES		8,086		8,086		
COMMAND & CONTROL VEHICLE	12	54,545	12	60,545		+ 6,000
COMMAND & CONTROL VEHICLE (AP-CY)		2,559		2,559		
MODIFICATION OF TRACKED COMBAT VEHICLES:						
CARRIER, MOD		53,463		53,463		
FIST VEHICLE (MOD)		27,338		27,338		
BFVS SERIES (MOD)		7,087		40,087		+ 33,000
HOWITZER, MED SP FT 155MM M109A6 (MOD) ..		6,259		27,259		+ 21,000
FAASV PIP TO FLEET		230		230		
BREACHER SYSTEM (MOD)		19,680		19,680		
HEAVY ASSAULT BRIDGE (HAB) SYS (MOD)		67,312		82,812		+ 15,500
ARMORED VEH LAUNCH BRIDGE (AVLB) (MOD) ..		1,443		1,443		
M1 ABRAMS TANK (MOD)		29,815		31,815		+ 2,000
ABRAMS UPGRADE PROGRAM		422,996		422,996		
ABRAMS UPGRADE PROGRAM (AP-CY)		213,406		213,406		
MODIFICATIONS LESS THAN \$5.0M (TCV-WTCV)		192		192		
SUPPORT EQUIPMENT AND FACILITIES:						
ITEMS LESS THAN \$5.0M (TCV-WTCV)		138		138		
PRODUCTION BASE SUPPORT (TCV-WTCV)		8,924		8,924		
TOTAL, TRACKED COMBAT VEHICLES		1,305,235		1,389,735		+ 84,500
WEAPONS AND OTHER COMBAT VEHICLES:						
ARMOR MACHINE GUN, 7.62MM M240 SERIES ...	1,304	12,204	1,304	12,204		
MACHINE GUN, 5.56MM (SAW)				5,000		+ 5,000
GRENADE LAUNCHER, AUTO, 40MM, MK19-3	1,085	18,290	1,085	23,290		+ 5,000
M16 RIFLE	12,479	5,744	12,479	5,744		
XM107, CAL. 50, SNIPER RIFLE	85	1,138	85	1,138		
5.56 CARBINE M4	8,687	5,309	8,687	5,309		
MODIFICATION OF WEAPONS AND OTHER COMBAT VEHICLES:						
MARK-19 MODIFICATIONS		1,980		1,980		
M4 CARBINE MODS		5,315		5,315		
SQUAD AUTOMATIC WEAPON (MOD)		8,326		8,326		
HOWITZER, TOWED, 155MM, M198 (MODS)		3,345		3,345		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
M119 MODIFICATIONS		4,784		4,784		
M16 RIFLE MODS		7,180		7,180		
MODIFICATIONS LESS THAN \$5.0M (WOCV- WTCV)		1,006		1,006		
SUPPORT EQUIPMENT AND FACILITIES:						
ITEMS LESS THAN \$5.0M (WOCV-WTCV)		1,206		16,206		+ 15,000
PRODUCTION BASE SUPPORT (WOCV-WTCV)		4,566		4,566		
INDUSTRIAL PREPAREDNESS		3,084		3,084		
SMALL ARMS (SOLDIER ENH PROG)		5,214		5,214		
TOTAL, WEAPONS AND OTHER COMBAT VEHI- CLES		88,691		113,691		+ 25,000
SPARES AND REPAIR PARTS: SPARES AND REPAIR PARTS (WTCV)		22,839		22,839		
TOTAL, PROCUREMENT OF W&TCV, ARMY		1,416,765		1,526,265		+ 109,500

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
BRADLEY BASE SUSTAINMENT	308,762	315,762	+ 7,000
COMMAND & CONTROL VEHICLE	54,545	60,545	+ 6,000
BFVS SERIES (MOD)	7,087	40,087	+ 33,000
HOWITZER, MED SP FT 155 MM M109A6 (MOD)	6,259	27,259	+ 21,000
HEAVY ASSAULT BRIDGE (HAB) SYS (MOD)	67,312	82,812	+ 15,500
M1 ABRAMS TANK (MOD)	29,815	31,815	+ 2,000
MACHINE GUN, 5.56 MM (SAW)		5,000	+ 5,000
GRENADE LAUNCHER, AUTO, 40 MM, MK19-3	18,290	23,290	+ 5,000
ITEMS LESS THAN \$5.0M (WOCV-WTCV)	1,206	16,206	+ 15,000

Bradley base sustainment.—The Committee recommends an increase of \$3,000,000 to the Bradley base sustainment line for the procurement of Bradley test sets, and \$4,000,000 for the Vehicular Intercommunications System (VIS) AN/VIC-3, cordless communication system.

Bradley fighting vehicles.—The Army's budget request includes \$33,000,000 for the procurement of armor tiles for Bradley fighting vehicles.

Howitzer, medium self-propelled fully-tracked 155 mm M-109A6 (MOD).—The Committee recommends an increase of \$20,000,000 to modify additional Paladin equipment necessary to complete fielding of 21 National Guard battalions and \$1,000,000 for the Vehicular Intercommunications System (VIS) AN/VIC-3, cordless communication system on the Paladin.

Heavy assault bridge (HAB).—The Committee recommends an increase of \$14,000,000 for the synchronization of the HAB program with the M-1A2 SEP Abrams upgrade, and \$1,500,000 for Wolverine Combat Mobility Vehicle test sets.

M-1 Abrams tank modification.—The Committee recommends an increase of \$2,000,000 for the Vehicular Intercommunications System (VIS) AN/VIC-3, cordless communication system.

Items less than \$5,000,000 (WOCV-WTCV).—The Committee recommends an increase of \$15,000,000 to procure Product Improved Combat Vehicle Crewman's Headsets (PICVC), which have greater electro-magnetic interference (EMI) protection.

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 is concerned that the Army has not funded procurement of the M-88A2 IRV in fiscal year 2000. The Army should continue this important program at an economic production rate until the service has achieved its inventory requirement for tank recovery vehicles.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 1999	\$1,065,955,000
Budget estimate, 2000	1,140,816,000
Committee recommendation	1,145,566,000

The Committee recommends an appropriation of \$1,145,566,000 for Army ammunition for fiscal year 2000. This is \$4,750,000 above 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		127,087		127,087		
CTG 5.56MM ARMOR PIERCING M995		1,891		1,891		
CTG, 7.62MM, ALL TYPES		8,529		8,529		
CTG 7.62MM ARMOR PIERCING XM993	600	1,355	600	1,355		
CTG, 9MM, ALL TYPES		983		983		
CTG, .50 CAL, ALL TYPES		23,374		23,374		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
CTG, 20MM, ALL TYPES		2,764		2,764		
CTG, 25MM, ALL TYPES		46,618		46,618		
CTG, 30MM, ALL TYPES		5,353		5,353		
CTG, 40MM, ALL TYPES		36,645		44,645		+ 8,000
NONLETHAL WEAPONS CAPABILITY SET		7,989		7,989		
MORTAR AMMUNITION:						
60MM MORTAR, ALL TYPES		15,616		24,616		+ 9,000
CTG MORTAR 81MM PRAC 1/10 RANGE M880	30	1,906	30	1,906		
CTG MORTAR 120MM HE M934 W/MO FUZE	60	46,279	60	49,279		+ 3,000
CTG 120MM WP SMOKE M929A1	56	51,819	56	56,819		+ 5,000
TANK AMMUNITION:						
CTG TANK 120MM TP-T M831/M831A1	57	32,623	57	32,623		
CTG TANK 120MM TPCSDS-T M865	165	86,027	165	86,027		
ARTILLERY AMMUNITION:						
CTG ARTY 75MM BLANK M337A1	68	2,570	68	2,570		
CTG ARTY 105MM BLANK M395	125	6,774	125	6,774		
CTG ARTY 105MM DPICM XM915				10,000		+ 10,000
CTG ARTY 105MM ILLUM M314 SERIES	14	8,000	14	8,000		
PROJ ARTY 155MM SMOKE WP M825		14,789		14,789		
PROJ ARTY 155MM HE M795	20	9,860	20	9,860		
PROJ ARTY 155MM SADARM M898	227	54,546	227	30,546		- 24,000
REMOTE AREA DENIAL ARTILLERY MUNITION (RADAM)	100	48,250				- 48,250
PROJ ARTY 155MM HE M107	113	24,973	113	24,973		
MODULAR ARTILLERY CHARGE SYSTEM (MACS)	367	42,938	367	42,938		
ARTILLERY FUZES:						
FUZE ARTY ELEC TIME M767	235	32,041	235	32,041		
FUZE MULTI OPTION	45	14,061	45	14,061		
MINES:						
MINE, TRAINING, ALL TYPES	251	8,067	251	8,067		
MINE AT M87 (VOLCANO)				18,000		+ 18,000
WIDE AREA MUNITIONS	79	10,387	79	20,387		+ 10,000
ROCKETS:						
ROCKET, HYDRA 70, ALL TYPES	245	144,760	245	144,760		
OTHER AMMUNITION:						
DEMOLITION MUNITIONS, ALL TYPES		11,246		11,246		
GRENADES, ALL TYPES		11,431		11,431		
SIGNALS, ALL TYPES		9,782		9,782		
SIMULATORS, ALL TYPES		2,265		2,265		
MISCELLANEOUS:						
AMMO COMPONENTS, ALL TYPES		6,876		6,876		
CAD/PAD ALL TYPES		2,928		2,928		
ITEMS LESS THAN \$5.0M		7,659		7,659		
AMMUNITION PECULIAR EQUIPMENT		10,679		10,679		
FIRST DESTINATION TRANSPORTATION (AMMO)		5,303		5,303		
TOTAL, AMMUNITION		987,043		977,793		- 9,250
AMMUNITION PRODUCTION BASE SUPPORT:						
PRODUCTION BASE SUPPORT:						
PROVISION OF INDUSTRIAL FACILITIES		46,139		46,139		
LAYAWAY OF INDUSTRIAL FACILITIES		3,525		3,525		
MAINTENANCE OF INACTIVE FACILITIES		13,043		13,043		
CONVENTIONAL AMMO DEMILITARIZATION		86,291		86,291		
ARMS INITIATIVE		4,775		18,775		+ 14,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, AMMUNITION PRODUCTION BASE SUPPORT		153,773		167,773		+ 14,000
TOTAL, PROCUREMENT OF AMMUNITION, ARMY		1,140,816		1,145,566		+ 4,750

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
CTG, 40 MM, ALL TYPES	36,645	44,645	+ 8,000
60 MM MORTAR, ALL TYPES	15,616	24,616	+ 9,000
CTG MORTAR 120 MM HE M934 W/MO FUZE	46,279	49,279	+ 3,000
CTG 120 MM WP SMOKE M929A1	51,819	56,819	+ 5,000
CTG ARTY 105 MM DPICM XM915		10,000	+ 10,000
PROJ ARTY 155 MM SADARM M898	54,546	30,546	– 24,000
REMOTE AREA DENIAL ARTILLERY MUNITION (RADAM)	48,250		– 48,250
MINE AT M87 (VOLCANO)		18,000	+ 18,000
WIDE AREA MUNITIONS	10,387	20,387	+ 10,000
ARMS INITIATIVE	4,775	18,775	+ 14,000

OTHER PROCUREMENT, ARMY

Appropriations, 1999	\$3,339,486,000
Budget estimate, 2000	3,423,870,000
Committee recommendation	3,658,070,000

The Committee recommends an appropriation of \$3,658,070,000 for the Army's fiscal year 2000 "Other procurement" account, \$234,200,000 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 in-service 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	632	15,277	632	21,277	.....	+ 6,000
SEMITRAILER FB BB/CONT TRANS 22½ TON	208	7,108	208	7,108	.....	.....
SEMITRAILER LB 40T M870A1 (CCE)	24	1,926	24	1,926	.....	.....
SEMITRAILER, TANK, 5000G	285	25,365	285	25,365	.....	.....
SEMITRAILER, TANK, 7500G, BULKHAUL	63	4,124	63	4,124	.....	.....
SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129A2C	70	6,260	70	6,260	.....	.....
HI MOB MULTI-PURP WHLD VEH (HMMWV)	867	92,092	867	92,092	.....	.....
TRUCK, DUMP, 20T (CCE) .....	.....	13,076	.....	13,076	.....	.....
FAMILY OF MEDIUM TACTICAL VEH (FMTV)	2,179	425,855	2,179	425,855	.....	.....
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT .....	.....	7,374	.....	7,374	.....	.....
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	450	190,399	450	190,399	.....	.....
ARMORED SECURITY VEHICLES (ASV)	12	7,043	12	7,043	.....	.....
TRUCK, TRACTOR, LINE HAUL, M915/ M916	344	50,131	344	50,131	.....	.....
TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	24	1,960	24	1,960	.....	.....
HVY EXPANDED MOBILITY TACTICAL TRUCK EXT SERV	23	4,901	23	4,901	.....	.....
LINE HAUL ESP	115	9,256	115	9,256	.....	.....
MODIFICATION OF IN SVC EQUIP .....	.....	29,769	.....	29,769	.....	.....
ITEMS LESS THAN \$5.0M (TAC VEH) .....	.....	1,558	.....	1,558	.....	.....
NON-TACTICAL VEHICLES:						
HEAVY ARMORED SEDAN	3	588	3	588	.....	.....
PASSENGER CARRYING VEHICLES	36	846	36	846	.....	.....
GENERAL PURPOSE VEHICLES .....	.....	998	.....	998	.....	.....
SPECIAL PURPOSE VEHICLES .....	.....	1,034	.....	1,034	.....	.....
TOTAL, TACTICAL AND SUPPORT VEHICLES .....	.....	896,940	.....	902,940	.....	+ 6,000
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
COMM—JOINT COMMUNICATIONS:						
COMBAT IDENTIFICATION PROGRAM .....	.....	7,568	.....	7,568	.....	.....
JCSE EQUIPMENT (USREDCOM) .....	.....	5,119	.....	5,119	.....	.....
COMM—SATELLITE COMMUNICATIONS:						
DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPACE) .....	.....	68,489	.....	68,489	.....	.....
SHF TERM	16	31,950	16	31,950	.....	.....
SAT TERM, EMUT (SPACE) .....	.....	1,547	.....	1,547	.....	.....
NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) .....	.....	6,557	.....	6,557	.....	.....

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SMART-T (SPACE)		61,761		51,761		— 10,000
SCAMP (SPACE)		5,033		5,033		
GLOBAL BRDCST SVC—GBS	40	10,920	40	10,920		
MOD OF IN-SVC EQUIP (TAC SAT)		500		500		
COMM—C ³ SYSTEM: ARMY GLOBAL CMD & CONTROL SYS (AGCCS)		12,963		12,963		
COMM—COMBAT COMMUNICATIONS:						
ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO)		38,763		53,763		+ 15,000
SINGARS FAMILY		13,205		33,205		+ 20,000
JOINT TACTICAL AREA COMMAND SYS- TEMS		980		980		
ACUS MOD PROGRAM (WIN T/T)		109,056		149,056		+ 40,000
COMMS-ELEC EQUIP FIELDING		4,151		4,151		
SOLDIER ENHANCEMENT PROGRAM COMM/ ELECTRONICS		3,326		3,326		
MEDICAL COMM FOR CBT CASUALTY CARE (MC ⁴)		20,600		20,600		
COMM—INTELLIGENCE COMM: CI AUTOMATION ARCHITECTURE		1,585		1,585		
INFORMATION SECURITY:						
TSEC—ARMY KEY MGT SYS (AKMS)		11,038		11,038		
INFORMATION SYSTEM SECURITY PRO- GRAM-ISSP		28,750		41,250		+ 12,500
COMM—LONG HAUL COMMUNICATIONS:						
TERRESTRIAL TRANSMISSION		2,029		2,029		
BASE SUPPORT COMMUNICATIONS		1,836		1,836		
ARMY DISN ROUTER		3,700		3,700		
ELECTROMAG COMP PROG (EMCP)		440		440		
WW TECH CON IMP PROG (WWTCIP)		2,891		7,991		+ 5,100
COMM—BASE COMMUNICATIONS:						
INFORMATION SYSTEMS		56,915		101,915		+ 45,000
DEFENSE MESSAGE SYSTEM (DMS)		18,454		18,454		
LOCAL AREA NETWORK (LAN)		100,018		100,018		
PENTAGON INFORMATION MGT AND TELECOM		17,256		17,256		
ELECT EQUIP—NAT FOR INT PROG (NFIP):						
FOREIGN COUNTERINTELLIGENCE PROG (FCI)		1,846		1,846		
GENERAL DEFENSE INTELL PROG (GDIP) ...		18,345		18,345		
ELECT EQUIP—TACT INT REL ACT (TIARA):						
ALL SOURCE ANALYSIS SYS (ASAS) (TIARA)		56,514		56,514		
JTT/CIBS-M (TIARA)	155	24,262	155	24,262		
TACTICAL UNMANNED AERIAL VEHICLE (TUAV)		45,863		45,863		
JOINT STARS (ARMY) (TIARA)	12	82,176	12	82,176		
DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (TIARA)	36	24,500	36	24,500		
TACTICAL EXPLOITATION OF NAT CAPABILI- TIES		4,370		4,370		
COMMON IMAGERY GROUND/SURFACE SYSTEM (CIGSS)		2,791		2,791		
TROJAN (TIARA)		4,268		4,268		
MOD OF IN-SVC EQUIP (INTEL SPT) (TIARA)		9,090		9,090		
CI HUMINT AUTOMATED TOOL SET (CHATS) (TIARA)		3,137		3,137		
ITEMS LESS THAN \$5.0M (TIARA)		530		530		
ELECT EQUIP—ELECTRONIC WARFARE (EW):						
COUNTERINTELLIGENCE/SECURITY COUN- TERMEASURES		1,691		1,691		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ELECT EQUIP—TACTICAL SURV. (TAC SURV):						
FAAD GBS	11	38,379	11	38,379	.....	.....
NIGHT VISION DEVICES	9,448	20,977	9,448	70,977	.....	+ 50,000
LONG RANGE ADVANCED SCOUT SURVEIL- LANCE SYSTEM	66	43,223	66	43,223	.....	.....
LTWT VIDEO RECON SYSTEM (LWVRS)	145	3,436	145	4,936	.....	+ 1,500
NIGHT VISION, THERMAL WPN SIGHT	3,330	35,901	3,330	35,901	.....	.....
COMBAT IDENTIFICATION / AIMING LIGHT ..	275	9,486	275	9,486	.....	.....
ARTILLERY ACCURACY EQUIP .....	.....	4,283	.....	4,283	.....	.....
PORTABLE INDUCTIVE ARTILLERY FUZE SETTER (PIA)	3,492	4,137	3,492	4,137	.....	.....
MOD OF IN-SVC EQUIP (TAC SURV) .....	.....	6,533	.....	14,633	.....	+ 8,100
DIGITIZATION APPLIQUE .....	.....	66,423	.....	66,423	.....	.....
LIGHTWEIGHT LASER DESIGNATOR/RANGE- FINDER (LLD)	14	6,262	14	6,262	.....	.....
COMPUTER BALLISTICS: MORTAR M-30 ....	.....	2,852	.....	2,852	.....	.....
MORTAR FIRE CONTROL SYSTEM	15	3,740	15	3,740	.....	.....
INTEGRATED MET SYS SENSORS (IMETS)— TIARA .....	.....	5,469	.....	5,469	.....	.....
ELECT EQUIP—TACTICAL C ² SYSTEMS:						
TACTICAL OPERATIONS CENTERS .....	.....	28,098	.....	28,098	.....	.....
ADV FIELD ARTILLERY TACT DATA SYS (AFATDS)	456	43,343	456	43,343	.....	.....
FIRE SUPPORT ADA CONVERSION .....	.....	980	.....	980	.....	.....
CMBT SVC SUPT CONTROL SYS (CSSCS) ...	270	19,922	270	19,922	.....	.....
FAAD C ²	2	10,594	2	10,594	.....	.....
FAADC ² MODIFICATIONS .....	.....	5,880	.....	8,380	.....	+ 2,500
AIR & MSL DEFENSE PLANNING & CON- TROL SYS (AMC)	1	2,939	1	2,939	.....	.....
FORWARD ENTRY DEVICE (FED) .....	.....	15,822	.....	15,822	.....	.....
STRIKER-COMMAND AND CONTROL SYS- TEM	30	12,307	30	22,307	.....	+ 10,000
LIFE CYCLE SOFTWARE SUPPORT (LCSS) ...	.....	863	.....	863	.....	.....
LOGTECH .....	.....	4,190	.....	9,190	.....	+ 5,000
TC AIMS II .....	.....	1,739	.....	1,739	.....	.....
GUN LAYING AND POS SYS (GLPS)	81	7,465	81	7,465	.....	.....
ISYSCON EQUIPMENT .....	.....	14,714	.....	14,714	.....	.....
MANEUVER CONTROL SYSTEM (MCS) .....	.....	52,049	.....	30,349	.....	— 21,700
STAMIS TACTICAL COMPUTERS (STACOMP) .....	.....	33,711	.....	33,711	.....	.....
STANDARD INTEGRATED CMD POST SYS- TEM .....	.....	30,700	.....	30,700	.....	.....
ELECT EQUIP—AUTOMATION:						
ARMY TRAINING XX1 MODERNIZATION .....	.....	15,361	.....	15,361	.....	.....
AUTOMATED DATA PROCESSING EQUIP .....	.....	138,607	.....	138,607	.....	.....
RESERVE COMPONENT AUTOMATION SYS (RCAS) .....	.....	83,040	.....	83,040	.....	.....
ELECT EQUIP—AUDIO VISUAL SYS (A/V):						
AFRTS .....	.....	490	.....	490	.....	.....
ITEMS LESS THAN \$5.0M (A/V) .....	.....	2,689	.....	2,689	.....	.....
ELECT EQUIP—SUPPORT: PRODUCTION BASE SUPPORT (C-E) .....	.....	378	.....	378	.....	.....
TOTAL, COMMUNICATIONS AND ELEC- TRONICS EQUIPMENT .....	.....	1,703,765	.....	1,886,765	.....	+ 183,000
OTHER SUPPORT EQUIPMENT:						
CHEMICAL DEFENSIVE EQUIPMENT:						
SMOKE/OBSCURANT SYSTEMS ROLL .....	.....	6,286	.....	6,286	.....	.....
GENERATOR, SMOKE, MECH M58 .....	.....	3,420	.....	3,420	.....	.....
M6 DISCHARGER	1,878	3,038	1,878	3,038	.....	.....
BRIDGING EQUIPMENT:						
HEAVY DRY SUPT BRIDGE SYSTEM	3	13,980	3	13,980	.....	.....

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
RIBBON BRIDGE	65	12,077	65	25,577	.....	+ 13,500
ENGINEER (NON-CONSTRUCTION) EQUIPMENT:						
KIT, STANDARD TELEOPERATING		3,972		3,972	.....	
EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT)		4,989		4,989	.....	
BN COUNTERMINE SIP		8,900		8,900	.....	
COMBAT SERVICE SUPPORT EQUIPMENT:						
ARMY SPACE HEATER 120,000 BTU (ASH)	58	912	58	912	.....	
LARGE CAPACITY FIELD HEATER, 400K BTU	20	1,312	20	1,312	.....	
AIR CONDITIONERS		3,756		3,756	.....	
LAUNDRIES, SHOWERS AND LATRINES		9,844		9,844	.....	
FLOODLIGHT SET, ELEC, TRL MTD, 3 LIGHTS		2,370		2,370	.....	
SOLDIER ENHANCEMENT		3,586		3,586	.....	
LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME)	197	2,128	197	5,328	.....	+ 3,200
FORCE PROVIDER	3	18,622	3	18,622	.....	
FIELD FEEDING AND REFRIGERATION	55	8,654	55	8,654	.....	
AIR DROP PROGRAM	14,698	3,371	14,698	3,371	.....	
ITEMS LESS THAN \$2.0M (CSS-EQ)		2,553		2,553	.....	
PETROLEUM EQUIPMENT:						
FAMILY OF TANK ASSEMBLIES, FABRIC, COLLAPSIBLE		11,249		11,249	.....	
LABS, PETROLEUM & WATER		6,252		6,252	.....	
DISTRIBUTION SYS, PET & WATER		10,716		10,716	.....	
PUMPS, WATER AND FUEL	146	3,695	146	3,695	.....	
INLAND PETROLEUM DISTRIBUTION SYS- TEM		6,855		6,855	.....	
ITEMS LESS THAN \$5.0M (POL)		3,083		3,083	.....	
WATER EQUIPMENT:						
WATER PURIFICATION SYS		10,396		13,396	.....	+ 3,000
ITEMS LESS THAN \$2.0M (WATER EQ)		1,737		1,737	.....	
MEDICAL EQUIPMENT: COMBAT SUPPORT MED- ICAL		25,250		29,250	.....	+ 4,000
MAINTENANCE EQUIPMENT:						
SHOP EQ CONTACT MAINTENANCE TRK MTD (MYP)	135	7,811	135	7,811	.....	
WELDING SHOP, TRAILER MTD	95	6,072	95	6,072	.....	
ITEMS LESS THAN \$5.0M (MAINT EQ)		3,085		3,085	.....	
STEAM CLEANER, TRAILER MOUNTED	47	1,249	47	1,249	.....	
CONSTRUCTION EQUIPMENT:						
CONCRETE MOBILE MIXER MODUOLE, 8 CUBIC YARD	19	2,170	19	2,170	.....	
BITUMINOUS DISTRIBUTOR MODULE, 2800 GAL	12	1,086	12	1,086	.....	
COMPACTOR, HIGH SPEED	67	9,798	67	9,798	.....	
LOADER, SCOOP TYPE, 4-5 CU YD (CCE)	27	7,737	27	7,737	.....	
DUMP MODULE, 12 CUBIC YARD	63	2,241	63	2,241	.....	
HYDRAULIC EXCAVATOR	34	8,300	34	8,300	.....	
DEPLOYABLE UNIVERSAL COMBAT EARTH MOVERS	43	16,650	43	16,650	.....	
CRANE SHOVEL CRAWLER MTD, 20-40 TON W/ATTACH	5	3,865	5	3,865	.....	
CRUSHING/SCREENING PLANT, 150 TPH	4	7,359	4	7,359	.....	
CRANE, WHEEL MTD, 25T, 3/4 CU YD, RT	47	12,089	47	12,089	.....	
ITEMS LESS THAN \$2.0M (CONST EQUIP)		4,286		4,286	.....	

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
RAIL FLOAT CONTAINERIZATION EQUIPMENT:						
LOGISTIC SUPPORT VESSEL (LSV)	1	18,924	1	18,924	.....	.....
CAUSEWAY SYSTEMS		16,740		16,740	.....	.....
RAILWAY CAR, FLAT, 89 FOOT		4,951		4,951	.....	.....
ITEMS LESS THAN \$5.0M LOAT/RAIL)		6,837		6,837	.....	.....
GENERATORS:						
GENERATORS AND ASSOCIATED EQUIP		78,639		78,639	.....	.....
MATERIAL HANDLING EQUIPMENT:						
ALL TERRAIN LIFTING ARMY SYSTEM	215	23,569	215	23,569	.....	.....
ROUGH TERRAIN CONTAINER CRANE	22	10,930	22	10,930	.....	.....
ITEMS LESS THAN \$5.0M (MHE)		1,763		1,763	.....	.....
TRAINING EQUIPMENT:						
COMBAT TRAINING CENTERS SUPPORT		2,450		12,450	.....	+ 10,000
TRAINING DEVICES, NONSYSTEM		67,374		70,874	.....	+ 3,500
SIMNET/CLOSE COMBAT TACTICAL TRAIN- ER		75,367		75,367	.....	.....
FIRE SUPPORT COMBINED ARMS TACTICAL TRAINER		24,518		24,518	.....	.....
TEST MEASURE AND DIG EQUIPMENT (TMD):						
CALIBRATION SETS EQUIPMENT		11,407		11,407	.....	.....
ELECTRONIC REPAIR SHELTER		10,462		10,462	.....	.....
INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)		41,602		41,602	.....	.....
TEST EQUIPMENT MODERNIZATION (TEMOD)		14,257		14,257	.....	.....
ARMY DIAGNOSTICS IMPROVEMENT PRO- GRAM (ADIP)		5,194		5,194	.....	.....
RECONFIGURABLE SIMULATORS		2,408		2,408	.....	.....
PHYSICAL SECURITY SYSTEMS (OPA3)		18,093		18,093	.....	.....
MOBILE DETECTION ASSESSMENT RE- SPONSE SYSTEM		887		887	.....	.....
BASE LEVEL COM'L EQUIPMENT		6,769		6,769	.....	.....
MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)		24,852		32,852	.....	+ 8,000
SPECIAL EQUIPMENT FOR USER TESTING ..		16,847		16,847	.....	.....
ITEMS LESS THAN \$5.0M (OTH SPT EQ) ...		2,417		2,417	.....	.....
MA8975		4,406		4,406	.....	.....
TOTAL, OTHER SUPPORT EQUIPMENT		778,950		824,150	.....	+ 45,200
SPARE AND REPAIR PARTS:						
INITIAL SPARES—TSV		72		72	.....	.....
INITIAL SPARES—C&E		43,263		43,263	.....	.....
INITIAL SPARES—OTHER SUPPORT EQUIP		880		880	.....	.....
TOTAL, SPARE AND REPAIR PARTS	44,215	44,215	.....			
TOTAL, OTHER PROCUREMENT, ARMY		3,423,870		3,658,070	.....	+ 234,200

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities;

and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
TACTICAL TRAILERS/DOLLY SETS	15,277	21,277	+ 6,000
SMART-T (SPACE)	61,761	51,761	— 10,000
ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO)	38,763	53,763	+ 15,000
SINGGARS FAMILY	13,205	33,205	+ 20,000
ACUS MOD PROGRAM (WIN T/T)	109,056	149,056	+ 40,000
INFORMATION SYSTEM SECURITY PROGRAM—ISSP	28,750	41,250	+ 12,500
VW TECH CON IMP PROG (WWTICIP)	2,891	7,991	+ 5,100
INFORMATION SYSTEMS	56,915	101,915	+ 45,000
NIGHT VISION DEVICES	20,977	70,977	+ 50,000
LTWT VIDEO RECON SYSTEM (LWVRS)	3,436	4,936	+ 1,500
MOD OF IN-SVC EQUIP (TAC SURV)	6,533	14,633	+ 8,100
FAADC ² I MODIFICATIONS	5,880	8,380	+ 2,500
STRIKER-COMMAND AND CONTROL SYSTEM	12,307	22,307	+ 10,000
LOGTECH	4,190	9,190	+ 5,000
MANEUVER CONTROL SYSTEM (MCS)	52,049	30,349	— 21,700
RIBBON BRIDGE	12,077	25,577	+ 13,500
LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME)	2,128	5,328	+ 3,200
WATER PURIFICATION SYS	10,396	13,396	+ 3,000
COMBAT SUPPORT MEDICAL	25,250	29,250	+ 4,000
COMBAT TRAINING CENTERS SUPPORT	2,450	12,450	+ 10,000
TRAINING DEVICES, NONSYSTEM	67,374	70,874	+ 3,500
MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	24,852	32,852	+ 8,000

Tactical trailers/dolly sets.—The Committee recommends an additional \$6,000,000 in tactical trailers/dolly sets only for the self-load/off-load trailer [SLOT].

Secure mobile antijam reliable tactical terminal (SMART-T).—According to a recent review by the Director, Operational Test and Evaluation, operational effectiveness of the SMART-T has not been demonstrated. According to this review, “the SMART-T is not operationally suitable due to numerous training, soldier efficiency, RAM [reliability, availability, and maintainability], and integrated support logistics issues.” The Report recommended that production of the SMART-T should be “specifically limited to the first option (91) terminals” while additional testing and assessment proceeds. The Army has already acquired in excess of this number of terminals. Therefore, the Committee recommends a reduction of \$10,000,000.

Warfighter Information Network.—The Committee recommends an increase of \$40,000,000 to procure additional AN/TTC-56 single shelter switches with associated support assemblages and network management capability.

Secure terminal equipment.—The Committee recommends an additional \$12,500,000 in the Information System Security Program [ISSP], of which \$6,000,000 is for the Tactical Secure Terminal Equipment Program, \$5,000,000 is for the MX5T Secure Information System, and \$1,500,000 is for the Portable Uninterruptable Universal Power Supply System.

Multi-Purpose Range Targetry Electronics.—To ensure timely and efficient execution of all phases of the Multi-Purpose Range Complex-Heavy at Camp Shelby, on which construction will begin in fiscal year 2000, the Committee recommends an additional \$5,100,000 in the Worldwide Technical Control Improvement Program (WWTCIP) to procure the Targetry electronics to be placed underground during the early phase of the project.

Night Vision Equipment.—The Committee recommends an additional \$50,000,000 for night vision equipment. The Committee agrees that the night vision equipment account shall be executed by the Army with priority interest given to the following items: AN/PAS-13 Thermal Weapon Sights; AN/PEQ-2A Target Pointer Illuminator Aiming Lights (TPIAL); Tactical Surveillance Night Vision Devices; AN/PAC-4C Infrared Aiming Lights; AN/AVS-5 Driver's Vision Enhancer (DVE); AN/PVS-4 and AN/TVS-5 night vision devices; AN/PVS-7D night vision devices; 25 mm generation III image intensifier tubes.

Modification of in-service equipment.—The Committee is concerned about reports that the Firefinder radar system has suffered from high false alarm rates in urban environments during recent deployments. The Committee recommends an increase of \$8,100,000 to modify in-service systems and approve system reliability.

High mobility multipurpose wheeled vehicle.—The Committee has recommended the procurement of up-armored High Mobility Multipurpose Wheeled Vehicles (HMMWV) at a level consistent with the President's budget request. The HMMWV, including its up-armored variant, fulfills a number of critical mission requirements and has demonstrated its capabilities in peacekeeping operations in Bosnia. The Committee is aware that the potential for extended military operations in the former Yugoslavia could require additional up-armored HMMWVs beyond those requested in the President's budget. The Army shall provide to the Committee a report outlining potential needs for additional up-armored HMMWVs by December 1, 2000.

Striker-Command and Control System.—The Committee recommends an additional \$10,000,000 in the Striker-Command and Control System, of which \$5,000,000 is for the Striker HMMWV based targeting platform for Combat Observing Lazer Teams (COLT), and \$5,000,000 is for the procurement of test program sets for the Bradley Striker Program.

LOGTECH.—The Committee recommends an additional \$5,000,000 in LOGTECH for Army Automatic Identification Technology (AIT) Integration efforts for maintenance processes and automated information systems.

Ribbon bridge.—New Multi-Role Bridge Companies (MRBC) are being established in the U.S. Army and the U.S. Army National Guard. The Guard is a key element in the total Army Engineer bridge force. The MRBC is the doctrinal response to the needed restructure of the current bridge companies to safeguard bridging stocks, improve the training of bridge builders, and retain bridging capabilities required by maneuver commanders. The Committee recommends \$13,500,000 to procure the key equipment items that are required to create one MRBC.

Lightweight Maintenance Enclosure (LME).—The Committee recommends an additional \$3,200,000 in the Lightweight Maintenance Enclosure (LME) program.

Water purification systems.—The Committee recommends an additional \$3,000,000 for additional 3,000 gallon per hour tactical water purification systems (TWPS).

Combat support medical.—The Committee recommends an additional \$4,000,000 in the Combat Support Medical line to acquire additional Life Support for Trauma and Transport (LSTAT) units in order to achieve Initial Operational Capability (IOC) of the system.

Combat training centers support.—The Committee recommends an increase of \$7,000,000 to establish a deployable force-on-force instrumentation range system (DFIRST) pilot program. The Committee directs the Secretary of the Army to provide a report on the results of the pilot program and the potential future use of DFIRST as a training enhancement for reserve component training requirements. Additionally, the Committee recommends an increase of \$3,000,000 to complete instrumentation for the JRTC MOUT site at Fort Polk, Louisiana.

Training devices, nonsystem.—The Committee recommends an additional \$3,500,000 for the Improved Moving Target Simulator Upgrade Program.

Modification of in-service equipment (OPA-3).—The Committee recommends an additional \$8,000,000 for the Army's Commercial Construction Equipment (CCE) Service Life Extension Program (SLEP).

REMBASS II.—The Committee recommends that the Army examine the option applying additional funds to the Remotely Monitored Battlefield Sensor System (REMBASS) II, an all-weather battlefield intelligence support system that is about one-third the weight and one-quarter the cost of its predecessor, the Improved REMBASS (IREMBASS).

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 1999	\$7,541,709,000
Budget estimate, 2000	8,228,655,000
Committee recommendation	8,608,684,000

The Committee recommends \$8,608,684,000, an increase of \$380,029,000 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	260,444	12	260,444	.....	.....
AV-8B (V/STOL)HARRIER (AP-CY)		30,832	.....	30,832	.....	.....
F/A-18E/F (FIGHTER) HORNET	36	2,691,989	36	2,681,989	.....	- 10,000
F/A-18E/F (FIGHTER) HORNET (AP-CY)		162,240	.....	176,240	.....	+ 14,000
V-22 (MEDIUM LIFT)	10	796,392	12	919,392	+ 2	+ 123,000
V-22 (MEDIUM LIFT) (AP-CY)		71,044	.....	71,044	.....	.....
AH-1W (HELICOPTER) SEA COBRA		1,961	.....	1,961	.....	.....
SH-60R	7	216,692	7	216,692	.....	.....
E-2C (EARLY WARNING) HAWKEYE	3	210,462	3	210,462	.....	.....
E-2C (EARLY WARNING) HAWKEYE (AP-CY)		172,554	.....	172,554	.....	.....
TOTAL, COMBAT AIRCRAFT		4,614,610	.....	4,741,610	.....	+ 127,000
AIRLIFT AIRCRAFT:						
CH-60S	13	208,493	17	284,493	+ 4	+ 76,000
CH-60S (AP-CY)		73,792	.....	73,792	.....	.....
C-40A	1	49,029	2	98,058	+ 1	+ 49,029
TOTAL, AIRLIFT AIRCRAFT		331,314	.....	456,343	.....	+ 125,029
TRAINER AIRCRAFT:						
T-45TS (TRAINER) GOSHAWK	15	325,476	15	325,476	.....	.....
T-45TS (TRAINER) GOSHAWK (AP-CY)		9,552	.....	9,552	.....	.....
JPATS	8	44,826	8	44,826	.....	.....
TOTAL, TRAINER AIRCRAFT		379,854	.....	379,854	.....	.....
OTHER AIRCRAFT: KC-130J		12,257	1	77,157	+ 1	+ 64,900
MODIFICATION OF AIRCRAFT:						
EA-6 SERIES		161,047	.....	201,047	.....	+ 40,000
AV-8 SERIES		39,126	.....	39,126	.....	.....
F-14 SERIES		83,352	.....	83,352	.....	.....
F-18 SERIES		308,789	.....	300,589	.....	- 8,200
H-46 SERIES		17,888	.....	17,888	.....	.....
AH-1W SERIES		13,726	.....	20,726	.....	+ 7,000
H-53 SERIES		45,240	.....	26,840	.....	- 18,400
SH-60 SERIES		56,824	.....	60,324	.....	+ 3,500
H-1 SERIES		6,339	.....	18,839	.....	+ 12,500
H-3 SERIES		45	.....	45	.....	.....
EP-3 SERIES		27,433	.....	27,433	.....	.....
P-3 SERIES		276,202	.....	300,402	.....	+ 24,200
S-3 SERIES		94,119	.....	84,119	.....	- 10,000
E-2 SERIES		28,201	.....	28,201	.....	.....
TRAINER A/C SERIES		8,914	.....	8,914	.....	.....
C-2A		19,524	.....	24,524	.....	+ 5,000
C-130 SERIES		15,250	.....	15,250	.....	.....
FEWSG		600	.....	600	.....	.....
CARGO/TRANSPORT A/C SERIES		16,412	.....	16,412	.....	.....
E-6 SERIES		86,950	.....	86,950	.....	.....
EXECUTIVE HELICOPTERS SERIES		12,761	.....	12,761	.....	.....
SPECIAL PROJECT AIRCRAFT		28,782	.....	30,782	.....	+ 2,000
T-45 SERIES		9,675	.....	9,675	.....	.....
POWER PLANT CHANGES		15,595	.....	15,595	.....	.....
COMMON ECM EQUIPMENT		50,584	.....	50,584	.....	.....
COMMON AVIONICS CHANGES		81,599	.....	81,599	.....	.....
TOTAL, MODIFICATION OF AIRCRAFT		1,504,977	.....	1,562,577	.....	+ 57,600
AIRCRAFT SPARES AND REPAIR PARTS: SPARES AND REPAIR PARTS		871,820	.....	871,820	.....	.....
AIRCRAFT SUPPORT EQUIPMENT & FACILITIES:						
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES: COMMON GROUND EQUIPMENT		413,732	.....	416,732	.....	+ 3,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AIRCRAFT INDUSTRIAL FACILITIES		12,769	.....	12,769	.....	.....
WAR CONSUMABLES		11,683	.....	14,183	.....	+ 2,500
OTHER PRODUCTION CHARGES		39,991	.....	39,991	.....	.....
SPECIAL SUPPORT EQUIPMENT		34,177	.....	34,177	.....	.....
FIRST DESTINATION TRANSPORTATION		1,471	.....	1,471	.....	.....
TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES		513,823	.....	519,323	.....	+ 5,500
TOTAL, AIRCRAFT PROCUREMENT, NAVY ...		8,228,655	.....	8,608,684	.....	+ 380,029

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
F/A-18E/F (FIGHTER) HORNET	2,691,989	2,681,989	— 10,000
Late award of ATARS prior year funds .....	.....	— 10,000	— 10,000
F/A-18E/F (FIGHTER) HORNET ADVANCE PROCURE- MENT	162,240	176,240	+ 14,000
Advance Procurement for Six (6) Additional Fiscal Year 2001 Aircraft .....	.....	14,000	+ 14,000
V-22 (MEDIUM LIFT)	796,392	919,392	+ 123,000
Two (2) Additional Aircraft .....	.....	123,000	+ 123,000
CH-60S	208,493	284,493	+ 76,000
Four (4) Additional Aircraft .....	.....	76,000	+ 76,000
C-40A	49,029	98,058	+ 49,029
One (1) Additional C-40A .....	.....	49,029	+ 49,029
KC-130J	12,257	77,157	+ 64,900
One (1) KC-130J Aircraft .....	.....	64,900	+ 64,900
EA-6 SERIES	161,047	201,047	+ 40,000
EA-6B Band 9/10 Transmitters .....	.....	25,000	+ 25,000
Night vision devices .....	.....	15,000	+ 15,000
F-18 SERIES	308,789	300,589	— 8,200
Excessive growth in correction of discrepancies funds .....	.....	— 20,000	— 20,000
Premature procurement of ATFLIR .....	.....	— 27,000	— 27,000
F/A-18 AN/APG-73 RVG Avionics Upgrade .....	.....	38,800	+ 38,800
AH-1W SERIES	13,726	20,726	+ 7,000
Night Targeting System .....	.....	7,000	+ 7,000
H-53 SERIES	45,240	26,840	— 18,400

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Defer start of H-53 Service Life Extension Program (SLEP)		- 18,400	- 18,400
SH-60 SERIES	56,824	60,324	+ 3,500
Integrated Mechanical Diagnostic System Program Delays		- 4,000	- 4,000
AQS-13F		7,500	+ 7,500
H-1 SERIES	6,339	18,839	+ 12,500
AN/AAQ-22 FLIR for Marine UH-1N		10,000	+ 10,000
Improved Engine Torque Pressure System		2,500	+ 2,500
P-3 SERIES	276,202	300,402	+ 24,200
Two (2) Additional AIP Kits		24,200	+ 24,200
S-3 SERIES	94,119	84,119	- 10,000
Program Delays in the Stores Management System and Displays ECP		- 6,000	- 6,000
Program Delays in the Co-processor Memory Unit ECP		- 4,000	- 4,000
C-2A	19,524	24,524	+ 5,000
C-2 COD (new 8 blade composite propeller)		5,000	+ 5,000
SPECIAL PROJECT AIRCRAFT	28,782	30,782	+ 2,000
Common Data Link Integration		2,000	+ 2,000
COMMON GROUND EQUIPMENT	413,732	416,732	+ 3,000
Direct Support Squadron Readiness Training		3,000	+ 3,000
WAR CONSUMABLES	11,683	14,183	+ 2,500
High Pressure Pure Air Generator		2,500	+ 2,500

S-3 Series Modifications.—The Committee understands that the Navy is pursuing a Surveillance System Upgrade (SSU) program for the S-3B aircraft. The Committee is encouraged by the promise of this program and expects the Department of the Navy to budget for this upgrade in the fiscal year 2001 request if the program proves to be affordable and meets Navy requirements.

WEAPONS PROCUREMENT, NAVY

Appropriations, 1999	\$1,211,419,000
Budget estimate, 2000	1,357,400,000
Committee recommendation	1,423,713,000

The Committee recommends an appropriation of \$1,423,713,000 for the Navy's fiscal year 2000 "Weapons procurement" account, an increase of \$66,313,000 to 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
WEAPONS PROCUREMENT, NAVY						
BALLISTIC MISSILES:						
TRIDENT II	12	437,488	12	437,488	.....	.....
TRIDENT II (AP-CY) .....	.....	51,400	.....	51,400	.....	.....
SUPPORT EQUIPMENT AND FACILITIES: MISSILE INDUS- TRIAL FACILITIES .....	.....	2,180	.....	2,180	.....	.....
TOTAL, BALLISTIC MISSILES .....	.....	491,068	.....	491,068	.....	.....
OTHER MISSILES:						
STRATEGIC MISSILES:						
TOMAHAWK	148	50,894	148	50,894	.....	.....
ESSM .....	.....	11,668	.....	11,668	.....	.....
TACTICAL MISSILES:						
AMRAAM	100	46,261	100	46,261	.....	.....
JSOW	615	154,913	615	154,913	.....	.....
SLAM-ER	56	38,088	56	38,088	.....	.....
STANDARD MISSILE	91	198,867	91	198,867	.....	.....
RAM	90	45,429	90	45,429	.....	.....
HELLFIRE .....	.....	.....	.....	25,000	.....	+ 25,000
AERIAL TARGETS .....	.....	21,177	.....	51,177	.....	+ 30,000
DRONES AND DECOYS .....	.....	.....	.....	20,000	.....	+ 20,000
OTHER MISSILE SUPPORT .....	.....	12,784	.....	12,784	.....	.....
MODIFICATION OF MISSILES:						
SIDEWINDER MODS	75	29,387	.....	.....	.....	- 29,387
STANDARD MISSILES MODS .....	.....	41,927	.....	41,927	.....	.....
SUPPORT EQUIPMENT AND FACILITIES:						
WEAPONS INDUSTRIAL FACILITIES .....	.....	20,199	.....	27,899	.....	+ 7,700
FLEET SATELLITE COMM FOLLOW-ON (AP- CY) .....	.....	9,789	.....	9,789	.....	.....
ORDNANCE SUPPORT EQUIPMENT: ORDNANCE SUPPORT EQUIPMENT .....	.....	4,125	.....	4,125	.....	.....
TOTAL, OTHER MISSILES .....	.....	685,508	.....	738,821	.....	+ 53,313
TORPEDOES AND RELATED EQUIPMENT:						
TORPEDOES AND RELATED EQUIP: ASW TARGETS ..	.....	1,996	.....	1,996	.....	.....
MOD OF TORPEDOES AND RELATED EQUIP:						
MK-46 TORPEDO MODS .....	.....	28,699	.....	28,699	.....	.....
MK-48 TORPEDO ADCAP MODS .....	.....	52,755	.....	37,755	.....	- 15,000
SUPPORT EQUIPMENT:						
TORPEDO SUPPORT EQUIPMENT .....	.....	23,350	.....	23,350	.....	.....
ASW RANGE SUPPORT .....	.....	15,166	.....	15,166	.....	.....
DESTINATION TRANSPORTATION: FIRST DESTINA- TION TRANSPORTATION .....	.....	1,663	.....	1,663	.....	.....
TOTAL, TORPEDOES AND RELATED EQUIP- MENT .....	.....	123,629	.....	108,629	.....	- 15,000
OTHER WEAPONS:						
GUNS AND GUN MOUNTS: SMALL ARMS AND WEAPONS .....	.....	880	.....	880	.....	.....
MODIFICATION OF GUNS AND GUN MOUNTS:						
CIWS MODS .....	.....	2,977	.....	2,977	.....	.....
5/54 GUN MOUNT MODS .....	.....	1,444	.....	1,444	.....	.....
MK-45 GUN MOUNT MODS .....	.....	.....	.....	28,000	.....	+ 28,000
MK-75 76MM GUN MOUNT MODS .....	.....	1,969	.....	1,969	.....	.....
MODS UNDER \$2.0M .....	.....	1,311	.....	1,311	.....	.....
TOTAL, OTHER WEAPONS .....	.....	8,581	.....	36,581	.....	+ 28,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SPARES AND REPAIR PARTS:						
SPARES AND REPAIR PARTS		48,614		48,614		
TOTAL, WEAPONS PROCUREMENT, NAVY		1,357,400		1,423,713		+ 66,313

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
HELLFIRE II		25,000	+ 25,000
AERIAL TARGETS	21,177	51,177	+ 30,000
BQM-74 Aerial Target		30,000	+ 30,000
DRONES AND DECOYS		20,000	+ 20,000
Improved Tactical Air Launched Decoy (ITALD)		20,000	+ 20,000
SIDEWINDER MODS	29,387		— 29,387
WEAPONS INDUSTRIAL FACILITIES	20,199	27,899	+ 7,700
MK-48 TORPEDO ADCAP MODS	52,755	37,755	— 15,000
MK-45 GUN MOUNT MODS		28,000	+ 28,000

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 1999	\$484,203,000
Budget estimate, 2000	484,900,000
Committee recommendation	510,300,000

The Committee recommends an appropriation of \$510,300,000 for Navy and Marine Corps ammunition for fiscal year 2000. This is \$25,400,000 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 AMMO, NAVY & MARINE CORPS						
PROC AMMO, NAVY:						
NAVY AMMUNITION:						
GENERAL PURPOSE BOMBS		77,915		77,915		
JDAM	785	35,563	785	35,563		
2.75 INCH ROCKETS		21,229		21,229		
MACHINE GUN AMMUNITION		9,153		9,153		
PRACTICE BOMBS		49,106		49,106		
CARTRIDGES & CART ACTUATED DEVICES		26,826		26,826		
AIRCRAFT ESCAPE ROCKETS		10,469		10,469		
AIR EXPENDABLE COUNTERMEASURES		34,259		34,259		
JATOS		4,969		4,969		
5 INCH/54 GUN AMMUNITION		15,758		15,758		
EXTENDED RANGE GUIDED MUNITIONS (ERGM)		3,004		3,004		
76MM GUN AMMUNITION		7,012		7,012		
OTHER SHIP GUN AMMUNITION		5,841		5,841		
SMALL ARMS & LANDING PARTY AMMO		8,030		8,030		
PYROTECHNIC AND DEMOLITION		8,165		8,165		
MINE NEUTRALIZATION DEVICES		9,199		9,199		
AMMUNITION LESS THAN \$5.0M		2,226		2,226		
TOTAL, PROC AMMO, NAVY		328,724		328,724		
PROC AMMO, MC:						
MARINE CORPS AMMUNITION:						
5.56 MM, ALL TYPES		12,958		19,958		+ 7,000
7.62 MM, ALL TYPES		7		4,007		+ 4,000
LINEAR CHARGES, ALL TYPES		28,639		28,639		
.50 CALIBER		16,364		16,364		
40 MM, ALL TYPES		11,247		12,647		+ 1,400
60MM, ALL TYPES		12,433		16,433		+ 4,000
81MM, ALL TYPES		6,152		6,152		
120MM, ALL TYPES		12,010		12,010		
CTG 25MM, ALL TYPES		3,194		3,194		
9 MM ALL TYPES		1,922		1,922		
GRENADES, ALL TYPES		2,270		2,270		
STINGER SLEP		1,972		1,972		
ROCKETS, ALL TYPES		11,030		20,030		+ 9,000
ARTILLERY, ALL TYPES		166		166		
DEMOLITION MUNITIONS, ALL TYPES		14,733		14,733		
FUZE, ALL TYPES		2,410		2,410		
NON LETHALS		1,977		1,977		
AMMO MODERNIZATION		10,702		10,702		
ITEMS LESS THAN \$5.0M		5,990		5,990		
TOTAL, PROC AMMO, MC		156,176		181,576		+ 25,400
TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS		484,900		510,300		+ 25,400

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays

or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
5.56 MM, ALL TYPES	13,000	20,000	+ 7,000
7.62 MM, ALL TYPES		4,000	+ 4,000
40 MM, ALL TYPES	11,200	12,600	+ 1,400
60 MM, ALL TYPES	12,400	16,400	+ 4,000
ROCKETS, ALL TYPES	11,000	18,000	+ 9,000

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 1999	\$6,035,752,000
Budget estimate, 2000	6,678,454,000
Committee recommendation	7,178,454,000

The Committee recommends \$7,178,454,000, an increase of \$500,000,000 to 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 (AP-CY)		751,540		751,540		
NEW SSN (AP-CY)		748,497		748,497		
CVN REFUELING OVERHAULS (AP-CY)		345,565		345,565		
DDG-51	3	2,681,653	3	2,681,653		
TOTAL, OTHER WARSHIPS		4,527,255		4,527,255		
AMPHIBIOUS SHIPS:						
LHD-1 AMPHIBIOUS ASSAULT SHIP (MYP)				500,000		+ 500,000
LPD-17	2	1,508,338	2	1,508,338		
TOTAL, AMPHIBIOUS SHIPS		1,508,338		2,008,338		+ 500,000
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM:						
AUXILIARIES, CRAFT AND PRIOR YR PROGRAM CO:						
ADC(X)	1	439,966	1	439,966		
OUTFITTING		171,119		171,119		
LCAC SLEP	2	31,776	2	31,776		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, AUXILIARIES, CRAFT, AND PRIOR- YEAR PROGRAM		642,861	.....	642,861	.....	.....
TOTAL, SHIPBUILDING & CONVERSION, NAVY		6,678,454	.....	7,178,454	.....	+ 500,000

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
LHD-8 (AP)		500,000	+ 500,000

OTHER PROCUREMENT, NAVY

Appropriations, 1999	\$4,072,662,000
Budget estimate, 2000	4,100,091,000
Committee recommendation	4,184,891,000

The Committee recommends an appropriation of \$4,184,891,000 for the Navy's fiscal year 2000 "Other procurement" account, an increase of \$84,800,000 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		8,333		8,333		
ALLISON 501K GAS TURBINE		8,378		8,378		
NAVIGATION EQUIPMENT: OTHER NAVIGATION EQUIPMENT		67,516		86,516		+ 19,000
UNDERWAY REPLENISHMENT EQUIPMENT: UNDER- WAY REPLENISHMENT EQUIPMENT		15,638		15,638		
PERISCOPES: SUB PERISCOPES & IMAGING EQUIP		65,039		65,039		
OTHER SHIPBOARD EQUIPMENT:						
FIREFIGHTING EQUIPMENT		17,031		17,031		
COMMAND AND CONTROL SWITCHBOARD		12,301		12,301		
POLLUTION CONTROL EQUIPMENT		113,506		113,506		
SUBMARINE SUPPORT EQUIPMENT		50,981		50,981		
SUBMARINE BATTERIES		13,101		13,101		
STRATEGIC PLATFORM SUPPORT EQUIP		6,070		6,070		
DSSP EQUIPMENT		7,989		7,989		
LCAC		4,048		4,048		
MINESWEEPING EQUIPMENT		16,302		16,302		
ITEMS LESS THAN \$5.0M		126,133		132,633		+ 6,500
SUBMARINE LIFE SUPPORT SYSTEM		949		949		
REACTOR PLANT EQUIPMENT:						
REACTOR COMPONENTS		199,110		199,110		
OCEAN ENGINEERING:						
DIVING AND SALVAGE EQUIPMENT		5,521		5,521		
EOD UNDERWATER EQUIPMENT		292		292		
SMALL BOATS: STANDARD BOATS		3,143		3,143		
TRAINING EQUIPMENT: OTHER SHIPS TRAINING EQUIPMENT		3,862		3,862		
PRODUCTION FACILITIES EQUIPMENT: OPERATING FORCES IPE		4,548		4,548		
OTHER SHIP SUPPORT: NUCLEAR ALTERATIONS		108,918		108,918		
TOTAL, SHIPS SUPPORT EQUIPMENT		858,709		884,209		+ 25,500
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
SHIP RADARS:						
AN/SPS-49		2,245		2,245		
RADAR SUPPORT				16,000		+ 16,000
TISS		1,755		1,755		
SHIP SONARS						
AN/SQQ-89 SURF ASW COMBAT SYSTEM		31,914		31,914		
SSN ACOUSTICS		227,042		229,642		+ 2,600
UNDERSEA WARFARE SUPPORT EQUIPMENT ..		2,605		2,605		
SONAR SWITCHES AND TRANSDUCERS		12,095		12,095		
ASW ELECTRONIC EQUIPMENT:						
SUBMARINE ACOUSTIC WARFARE SYSTEM		11,202		11,202		
FIXED SURVEILLANCE SYSTEM		16,674		16,674		
SURTASS		7,267		7,267		
ASW OPERATIONS CENTER		4,434		4,434		
ELECTRONIC WARFARE EQUIPMENT:						
AN/SLQ-32		1,918		1,918		
INFORMATION WARFARE SYSTEMS		4,121		4,121		
RECONNAISSANCE EQUIPMENT:						
SHIPBOARD IW EXPLOIT		48,031		48,031		
COMMON HIGH BANDWIDTH DATA LINK		40,083		40,083		
SUBMARINE SURVEILLANCE EQUIPMENT:						
SUBMARINE SUPPORT EQUIPMENT PROG		35,201		35,201		
OTHER SHIP ELECTRONIC EQUIPMENT:						
COOPERATIVE ENGAGEMENT CAPABILITY		60,494		38,594		- 21,900

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
GCSS-M EQUIPMENT AFLOAT		25,067	.....	25,067	.....	.....
NAVAL TACTICAL COMMAND SUPPORT SYS- TEM (NTCSS)		48,222	.....	48,222	.....	.....
ATDLS		19,143	.....	19,143	.....	.....
MINESWEEPING SYSTEM REPLACEMENT		20,762	.....	20,762	.....	.....
SHALLOW WATER MCM		18,813	.....	18,813	.....	.....
NAVSTAR GPS RECEIVERS (SPACE)		8,518	.....	8,518	.....	.....
ARMED FORCES RADIO AND TV		4,229	.....	4,229	.....	.....
STRATEGIC PLATFORM SUPPORT EQUIP		21,820	.....	21,820	.....	.....
TRAINING EQUIPMENT:						
OTHER SPAWAR TRAINING EQUIPMENT		1,011	.....	1,011	.....	.....
OTHER TRAINING EQUIPMENT		44,229	.....	44,229	.....	.....
AVIATION ELECTRONIC EQUIPMENT:						
MATCALs		12,412	.....	12,412	.....	.....
SHIPBOARD AIR TRAFFIC CONTROL		7,543	.....	7,543	.....	.....
AUTOMATIC CARRIER LANDING SYSTEM		19,440	.....	19,440	.....	.....
NATIONAL AIR SPACE SYSTEM		35,115	.....	35,115	.....	.....
AIR STATION SUPPORT EQUIPMENT		7,277	.....	7,277	.....	.....
MICROWAVE LANDING SYSTEM		5,318	.....	5,318	.....	.....
FACSFAC		4,514	.....	4,514	.....	.....
ID SYSTEMS		13,400	.....	13,400	.....	.....
SURFACE IDENTIFICATION SYSTEMS		590	.....	590	.....	.....
TAC A/C MISSION PLANNING SYS(TAMPS)		20,769	.....	20,769	.....	.....
OTHER SHORE ELECTRONIC EQUIPMENT:						
GCSS-M EQUIPMENT ASHORE		9,440	.....	9,440	.....	.....
TADIX-B		6,248	.....	6,248	.....	.....
NAVAL SPACE SURVEILLANCE SYSTEM		6,634	.....	6,634	.....	.....
GCSS-M EQUIPMENT TACTICAL/MOBILE		7,077	.....	7,077	.....	.....
COMMON IMAGERY GROUND SURFACE SYS- TEMS		41,255	.....	41,255	.....	.....
RADIAC		7,778	.....	7,778	.....	.....
GPETE		9,006	.....	9,006	.....	.....
INTEG COMBAT SYSTEM TEST FACILITY		4,356	.....	4,356	.....	.....
EMI CONTROL INSTRUMENTATION		6,554	.....	6,554	.....	.....
ITEMS LESS THAN \$5.0M		5,206	.....	5,206	.....	.....
SHIPBOARD COMMUNICATIONS:						
SHIPBOARD TACTICAL COMMUNICATIONS		21,487	.....	21,487	.....	.....
SHIP COMMUNICATIONS AUTOMATION		220,670	.....	220,670	.....	.....
SHIP COMM ITEMS UNDER \$5.0M		20,746	.....	20,746	.....	.....
SUBMARINE COMMUNICATIONS:						
SHORE LF/VLF COMMUNICATIONS		36,361	.....	36,361	.....	.....
SUBMARINE COMMUNICATION EQUIPMENT		85,368	.....	85,368	.....	.....
SATELLITE COMMUNICATIONS:						
SATCOM SHIP TERMINALS (SPACE)		237,722	.....	237,722	.....	.....
SATCOM SHORE TERMINALS (SPACE)		65,710	.....	65,710	.....	.....
SHORE COMMUNICATIONS:						
JCS COMMUNICATIONS EQUIPMENT		3,703	.....	3,703	.....	.....
NSIPS		5,022	.....	5,022	.....	.....
JEDMICS				9,000	.....	+ 9,000
NAVAL SHORE COMMUNICATIONS		114,339	.....	114,339	.....	.....
CRYPTOGRAPHIC EQUIPMENT: INFO SYSTEMS SE- CURITY PROGRAM (ISSP)		64,139	.....	67,639	.....	+ 3,500
CRYPTOLOGIC EQUIPMENT: CRYPTOLOGIC COMMU- NICATIONS EQUIP		21,133	.....	21,133	.....	.....
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		1,845,227	.....	1,854,427	.....	+ 9,200
AVIATION SUPPORT EQUIPMENT:						
SONOBUOYS:						
PASSIVE SONOBUOYS (NON-BEAM FORM- ING)		15,933	.....	18,933	.....	+ 3,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AN/SSQ-62 (DICASS)		17,111		20,111		+ 3,000
AN/SSQ-101 (ADAR)		12,773		15,773		+ 3,000
MISCELLANEOUS SONOBUOYS LESS THAN \$5.0M		2,193		2,193		
AIRCRAFT SUPPORT EQUIPMENT:						
WEAPONS RANGE SUPPORT EQUIPMENT		12,166		23,166		+ 11,000
EXPEDITIONARY AIRFIELDS		62		62		
AIRCRAFT REARMING EQUIPMENT		12,456		12,456		
AIRCRAFT LAUNCH & RECOVERY EQUIP- MENT		48,659		48,659		
METEOROLOGICAL EQUIPMENT		31,504		31,504		
OTHER PHOTOGRAPHIC EQUIPMENT		1,685		1,685		
AVIATION LIFE SUPPORT		17,053		35,153		+ 18,100
AIRBORNE MINE COUNTERMEASURES		40,455		40,455		
OTHER AVIATION SUPPORT EQUIPMENT		4,187		4,187		
TOTAL, AVIATION SUPPORT EQUIPMENT		216,237		254,337		+ 38,100
ORDNANCE SUPPORT EQUIPMENT:						
SHIP GUN SYSTEM EQUIPMENT: GUN FIRE CON- TROL EQUIPMENT		5,871		5,871		
SHIP MISSILE SYSTEMS EQUIPMENT:						
NATO SEASPARROW		492		492		
RAM GMLS		39,295		39,295		
SHIP SELF DEFENSE SYSTEM		38,790		38,790		
AEGIS SUPPORT EQUIPMENT		86,668		86,668		
SURFACE TOMAHAWK SUPPORT EQUIPMENT ..		85,782		85,782		
SUBMARINE TOMAHAWK SUPPORT EQUIP		2,075		2,075		
VERTICAL LAUNCH SYSTEMS		7,218		7,218		
FBM SUPPORT EQUIPMENT:						
STRATEGIC PLATFORM SUPPORT EQUIP		9,359		9,359		
STRATEGIC MISSILE SYSTEMS EQUIP		239,514		239,514		
ANTI-SHIP MISSILE DECOY SYSTEM		20,446		32,446		+ 12,000
ASW SUPPORT EQUIPMENT:						
SSN COMBAT CONTROL SYSTEMS		26,056		26,056		
SUBMARINE ASW SUPPORT EQUIPMENT		3,700		3,700		
SURFACE ASW SUPPORT EQUIPMENT		6,138		6,138		
ASW RANGE SUPPORT EQUIPMENT		6,407		6,407		
OTHER ORDNANCE SUPPORT EQUIPMENT:						
EXPLOSIVE ORDNANCE DISPOSAL EQUIP		8,965		8,965		
ITEMS LESS THAN \$5.0M		4,362		4,362		
OTHER EXPENDABLE ORDNANCE:						
SURFACE TRAINING DEVICE MODS		10,701		10,701		
SUBMARINE TRAINING DEVICE MODS		27,579		27,579		
TOTAL, ORDNANCE SUPPORT EQUIPMENT ..		629,418		641,418		+ 12,000
CIVIL ENGINEERING SUPPORT EQUIPMENT:						
PASSENGER CARRYING VEHICLES	25	557	25	557		
GENERAL PURPOSE TRUCKS		1,631		1,631		
CONSTRUCTION & MAINTENANCE EQUIP		2,677		2,677		
FIRE FIGHTING EQUIPMENT		2,285		2,285		
TACTICAL VEHICLES		9,373		9,373		
AMPHIBIOUS EQUIPMENT		20,484		20,484		
POLLUTION CONTROL EQUIPMENT		24,062		24,062		
ITEMS UNDER \$5.0M		6,075		6,075		
TOTAL, CIVIL ENGINEERING SUPPORT EQUIP- MENT		67,144		67,144		
SUPPLY SUPPORT EQUIPMENT:						
MATERIALS HANDLING EQUIPMENT		6,245		6,245		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OTHER SUPPLY SUPPORT EQUIPMENT		5,825		5,825		
FIRST DESTINATION TRANSPORTATION		1,658		1,658		
SPECIAL PURPOSE SUPPLY SYSTEMS		125,900		125,900		
TOTAL, SUPPLY SUPPORT EQUIPMENT		139,628		139,628		
PERSONNEL AND COMMAND SUPPORT EQUIPMENT:						
TRAINING DEVICES: TRAINING SUPPORT EQUIPMENT ..		3,076		3,076		
COMMAND SUPPORT EQUIPMENT:						
COMMAND SUPPORT EQUIPMENT		14,471		14,471		
MEDICAL SUPPORT EQUIPMENT		5,033		5,033		
INTELLIGENCE SUPPORT EQUIPMENT		19,439		19,439		
OPERATING FORCES SUPPORT EQUIPMENT		5,848		5,848		
ENVIRONMENTAL SUPPORT EQUIPMENT		18,354		18,354		
PHYSICAL SECURITY EQUIPMENT		1,377		1,377		
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT		67,598		67,598		
SPARES AND REPAIR PARTS:						
SPARES AND REPAIR PARTS		276,130		276,130		
TOTAL, OTHER PROCUREMENT, NAVY		4,100,091		4,184,891		+ 84,800

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
OTHER NAVIGATION EQUIPMENT	67,516	86,516	+ 19,000
ITEMS LESS THAN \$5 MILLION	126,133	132,633	+ 6,500
RADAR SUPPORT		16,000	+ 16,000
AN/BPS-15H Surface Search Radar		8,000	+ 8,000
AN/SPS-73 Radar		8,000	+ 8,000
SSN ACOUSTICS	227,042	229,642	+ 2,600
Acoustics-rapid COTS insertion		2,600	+ 2,600
COOPERATIVE ENGAGEMENT CAPABILITY	60,494	38,594	− 21,900
JEDMICS		9,000	+ 9,000
INFO SYSTEMS SECURITY PROGRAM (ISSP)	64,139	67,639	+ 3,500
PASSIVE SONOBUOYS (NON-BEAM FORMING)	15,933	18,933	+ 3,000
AN/SSQ-62 (DICASS)	17,111	20,111	+ 3,000
AN/SSQ-101 (ADAR)	12,773	15,773	+ 3,000
WEAPONS RANGE SUPPORT EQUIPMENT	12,166	23,166	+ 11,000
Mobile Remote Simulator for 2d Location		6,000	+ 6,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
PMRF Upgrades		5,000	+ 5,000
AVIATION LIFE SUPPORT	17,053	35,153	+ 18,100
Retrofit OMNI IV/V Night Vision Goggles		18,100	+ 18,100
ANTI-SHIP MISSILE DECOY SYSTEM	20,446	32,446	+ 12,000
NULKA Anti-ship Missile Decoy System		12,000	+ 12,000

Other navigation equipment.—The Committee recommends an additional \$15,000,000 for the procurement and installation of additional AN/WSN-7 navigation sets. The Committee also recommends an increase of \$4,000,000 for the procurement of the Navy's Military Sealift Command thermal imaging technology for use in improved ship navigation and force protection of the MSC fleet.

Items less than \$5,000,000.—The Committee recommends an additional \$6,500,000 for procurement and installation of the integrated condition assessment system (ICAS) for ships.

PROCUREMENT, MARINE CORPS

Appropriations, 1999	\$874,216,000
Budget estimate, 2000	1,137,220,000
Committee recommendation	1,236,620,000

The Committee recommends an appropriation of \$1,236,620,000 for the "Procurement, Marine Corps" account for fiscal year 2000, an increase of \$99,400,000 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		80,714		80,714		
LAV PIP		1,706		5,706		+ 4,000
MODIFICATION KITS (TRKD VEH)		22,853		83,353		+ 60,500
ARTILLERY AND OTHER WEAPONS:						
MOD KITS (ARTILLERY)		3,288		3,288		
MARINE ENHANCEMENT PROGRAM		2,956		2,956		
WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION		323		323		
OTHER SUPPORT: OPERATIONS OTHER THAN WAR		1,462		1,462		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, WEAPONS AND COMBAT VEHICLES		113,302		177,802		+ 64,500
GUIDED MISSILES AND EQUIPMENT:						
GUIDED MISSILES:						
JAVELIN	954	92,737	954	92,737		
ITEMS UNDER \$5 MILLION		3,731		3,731		
TOTAL, GUIDED MISSILES AND EQUIP- MENT		96,468		96,468		
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
REPAIR AND TEST EQUIPMENT:						
AUTO TEST EQUIP SYS		29,068		29,068		
GENERAL PURPOSE ELECTRONIC TEST EQUIP		7,863		9,863		+ 2,000
INTELL/COMM EQUIPMENT (NON-TEL):						
ITEMS UNDER \$5.0M (COMM & ELEC)		10,303		10,303		
INTELLIGENCE SUPPORT EQUIPMENT		18,466		18,466		
MOD KITS (INTEL)		18,482		18,482		
ITEMS UNDER \$5.0M (INTELL)		2,083		2,083		
REPAIR AND TEST EQUIPMENT (NON-TEL): GEN- ERAL PRUPOSE MECHANICAL TMDE		4,774		4,774		
OTHER COMM/ELEC EQUIPMENT (NON-TEL): NIGHT VISION EQUIPMENT		9,032		14,032		+ 5,000
OTHER SUPPORT (NON-TEL):						
COMMON COMPUTER RESOURCES		102,814		102,814		
COMMAND POST SYSTEMS		4,383		4,383		
MANEUVER C ² SYSTEMS		6,838		6,838		
RADIO SYSTEMS		82,881		93,781		+ 10,900
COMM SWITCHING & CONTROL SYSTEMS		65,125		65,125		
COMM & ELEC INFRASTRUCTURE SUPPORT ..		81,770		81,770		
MOD KITS MAGTF C41		13,821		13,821		
AIR OPERATIONS C ² SYSTEMS		4,152		4,152		
INTELLIGENCE C ² SYSTEMS		8,286		8,286		
TOTAL, COMMUNICATIONS AND ELEC- TRONICS EQUIPMENT		470,141		488,041		+ 17,900
SUPPORT VEHICLES:						
ADMINISTRATIVE VEHICLES:						
COMMERCIAL PASSENGER VEHICLES	43	1,325	43	1,325		
COMMERCIAL CARGO VEHICLES		8,900		8,900		
TACTICAL VEHICLES:						
5/4T TRUCK HMMWV (MYP)	2,078	124,407	2,078	124,407		
MEDIUM TACTICAL VEHICLE REPLACEMENT ...	788	138,268	788	138,268		
OTHER SUPPORT:						
ITEMS LESS THAN \$5.0M		9,927		9,927		
TOTAL, SUPPORT VEHICLES		282,827		282,827		
ENGINEER AND OTHER EQUIPMENT:						
ENVIRONMENTAL CONTROL EQUIP ASSORT		3,629		3,629		
BULK LIQUID EQUIPMENT		3,228		3,228		
TACTICAL FUEL SYSTEMS		9,727		9,727		
DEMOLITION SUPPORT SYSTEMS		8,358		8,358		
POWER EQUIPMENT ASSORTED		10,887		10,887		
SHOP EQ CONTACT MAINTENANCE (SECM)		3,281		3,281		
MATERIALS HANDLING EQUIPMENT:						
PHYSICAL SECURITY EQUIPMENT		5,685		5,685		
GARRISON MOBILE ENGR EQUIP		6,956		6,956		
MATERIAL HANDLING EQUIP		50,010		60,010		+ 10,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
FIRST DESTINATION TRANSPORTATION		4,154		4,154		
GENERAL PROPERTY:						
FIELD MEDICAL EQUIPMENT		2,445		6,445		+ 4,000
TRAINING DEVICES		13,848		13,848		
CONTAINER FAMILY		5,714		5,714		
OTHER SUPPORT:						
ITEMS LESS THAN \$5.0M		9,102		12,102		+ 3,000
TOTAL, ENGINEER AND OTHER EQUIPMENT		137,024		154,024		+ 17,000
SPARES AND REPAIR PARTS:						
SPARES AND REPAIR PARTS		37,458		37,458		
TOTAL, PROCUREMENT, MARINE CORPS		1,137,220		1,236,620		+ 99,400

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
LAV PIP	1,706	5,706	+ 4,000
LAV Mortar Test Program Sets		4,000	+ 4,000
MODIFICATION KITS (TRKD VEH)	22,853	83,353	+ 60,500
GENERAL PURPOSE ELECTRONIC TEST EQUIP	7,863	9,863	+ 2,000
K-Band Test Obscuration Pairing System		2,000	+ 2,000
NIGHT VISION EQUIPMENT	9,032	14,032	+ 5,000
RADIO SYSTEMS	82,881	93,781	+ 10,900
MATERIAL HANDLING EQUIP	50,010	60,010	+ 10,000
D-7G Bulldozer		10,000	+ 10,000
FIELD MEDICAL EQUIPMENT	2,445	6,445	+ 4,000
CBIRF		4,000	+ 4,000
ITEMS LESS THAN \$5 MILLION	9,102	12,102	+ 3,000

Items less than \$5,000,000.—The Committee recommends an additional \$3,000,000 for Distance Learning for the Marine Corps. The additional funding will allow the upgrade of Learning Resource Centers (LRCs) to Automated Electronic Classrooms (AECs).

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 1999	\$8,095,507,000
Budget estimate, 2000	9,302,086,000
Committee recommendation	9,758,333,000

The Committee recommends \$9,758,333,000, an increase of \$456,247,000 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 fighter aircraft while also accelerating fighter engine modifications and RC-135 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:						
TACTICAL FORCES:						
F-22 RAPTOR	6	1,574,981	6	1,574,981	.....	.....
F-22 RAPTOR (AP-CY) .....	.....	277,094	.....	277,094	.....	.....
F-16 C/D (MYP)	10	252,610	12	302,610	+ 2	+ 50,000
F-16 C/D (MYP) ADV PROC .....	.....	.....	12	24,000	+ 12	+ 24,000
TOTAL, COMBAT AIRCRAFT .....	.....	2,104,685	.....	2,178,685	.....	+ 74,000
AIRLIFT AIRCRAFT:						
TACTICAL AIRLIFT:						
C-17 (MYP)	15	3,080,147	15	3,080,147	.....	.....
C-17 (MYP) (AP-CY) .....	.....	304,900	.....	304,900	.....	.....
OTHER AIRLIFT:						
EC-130J .....	.....	.....	1	87,800	+ 1	+ 87,800
C-130J .....	.....	30,618	.....	54,818	.....	+ 24,200
TOTAL, AIRLIFT AIRCRAFT .....	.....	3,415,665	.....	3,527,665	.....	+ 112,000
TRAINER AIRCRAFT: OPERATIONAL TRAINERS: JPATS	21	88,232	33	142,232	+ 12	+ 54,000
OTHER AIRCRAFT:						
HELICOPTERS:						
V-22 OSPREY .....	.....	29,203	.....	29,203	.....	.....
V-22 OSPREY (AP-CY) .....	.....	20,290	.....	20,290	.....	.....
MISSION SUPPORT AIRCRAFT:						
CIVIL AIR PATROL A/C	27	2,531	27	2,531	.....	.....
TARGET DRONES .....	.....	36,152	.....	36,152	.....	.....
E-8C	1	280,265	1	280,265	.....	.....
E-8C (AP-CY) .....	.....	.....	.....	46,000	.....	+ 46,000
PREDATOR UAV	3	38,003	3	38,003	.....	.....
TOTAL, OTHER AIRCRAFT .....	.....	406,444	.....	452,444	.....	+ 46,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MODIFICATION OF INSERVICE AIRCRAFT:						
STRATEGIC AIRCRAFT:						
B-2A		20,083		20,083		
B-1B		130,389		121,989		— 8,400
B-52		15,973		24,873		+ 8,900
F-117		34,646		39,646		+ 5,000
TACTICAL AIRCRAFT:						
A-10		24,360		24,360		
F-15		263,490		255,190		— 8,300
F-16		249,536		294,936		+ 45,400
T/AT-37		85		85		
AIRLIFT AIRCRAFT:						
C-5		70,037		70,037		
C-9		11,863		11,863		
C-17A		95,643		99,143		+ 3,500
C-21		8,713		8,713		
C-22		174		174		
C-32A		499		499		
C-37A		383		383		
C-141		10,021		10,021		
TRAINER AIRCRAFT:						
T-1		10		10		
T-3 (EFS) AIRCRAFT		2,196		2,196		
T-38		94,487		94,487		
T-41 AIRCRAFT		91		91		
T-43		721		721		
OTHER AIRCRAFT:						
KC-10A (ATCA)		53,366		53,366		
C-12		2,441		2,441		
C-18		343		343		
C-20 MODS		3,486		3,486		
VC-25A MOD		9,262		9,262		
C-130		207,646		207,646		
C-135		347,088		347,088		
DARP		138,436		198,436		+ 60,000
E-3		124,061		124,061		
E-4		19,985		19,985		
E-8		28,558		28,558		
H-1		254		254		
H-60		15,565		15,565		
OTHER AIRCRAFT		20,204		20,204		
PREDATOR MODS						
OTHER MODIFICATIONS:						
CLASSIFIED PROJECTS		9,390		9,390		
PASSENGER SAFETY MODIFICATIONS				40,000		+ 40,000
TOTAL, MODIFICATION OF INSERVICE AIR- CRAFT						
		2,013,485		2,159,585		+ 146,100
AIRCRAFT SPARES AND REPAIR PARTS: SPARES AND REPAIR PARTS						
		420,921		425,921		+ 5,000
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES:						
COMMON SUPPORT EQUIPMENT		171,369		181,369		+ 10,000
POST PRODUCTION SUPPORT:						
A-10		8,300		8,300		
B-2A		106,882		106,882		
F-15 POST PRODUCTION SUPPORT		7,398		7,398		
F-16 POST PRODUCTION SUPPORT		30,010		30,010		
INDUSTRIAL PREPAREDNESS		24,794		24,794		
WAR CONSUMABLES		29,282		8,429		— 20,853
MISC PRODUCTION CHARGES		339,624		369,624		+ 30,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
COMMON ECM EQUIPMENT		4,866		4,866		
DARP		130,129		130,129		
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		852,654		871,801		+ 19,147
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		9,302,086		9,758,333		+ 456,247

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
F-16 C/D (MYP)	252,610	302,610	+ 50,000
Two (2) Additional Aircraft		50,000	+ 50,000
F-16 C/D (MYP)		24,000	+ 24,000
Advance Procurement for Twelve (12) Aircraft (Fis- cal Year 2000 for Fiscal Year 2001)		24,000	+ 24,000
EC-130J		87,800	+ 87,800
One (1) Aircraft		87,800	+ 87,800
C-130J	30,618	54,818	+ 24,200
C-130J Spares and Modifications		24,200	+ 24,200
JPATS	88,232	142,232	+ 54,000
Twelve (12) Additional Aircraft		54,000	+ 54,000
E-8C ADVANCE PROCUREMENT (CY)		46,000	+ 46,000
One Aircraft or Production Line Shutdown		46,000	+ 46,000
B-1B	130,389	121,989	— 8,400
Delays in the Block E Computer Upgrade Pro- gram		— 8,400	— 8,400
B-52	15,973	24,873	+ 8,900
Modifications to Support 94 Aircraft Fleet		8,900	+ 8,900
F-117	34,646	39,646	+ 5,000
Repair of Aircraft 825		5,000	+ 5,000
F-15	263,490	255,190	— 8,300
Non-recurring Equipment Deferral Based on Delays in the APG-63(V)1 Program		— 28,300	— 28,300
F-15 E-Kit Engine Upgrades For Air National Guard Aircraft		20,000	+ 20,000
F-16	249,536	294,936	+ 45,400
F-16 600 Gallon Fuel Tanks		4,000	+ 4,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Onboard oxygen generating system (OBOGS)		5,000	+ 5,000
Digital Terrain System (DTS)		12,000	+ 12,000
F-16 Engine Modifications		10,900	+ 10,900
Theater Airborne Reconnaissance System (TARS) ...		13,500	+ 13,500
C-17A	95,643	99,143	+ 3,500
C-17 Maintenance Trainer		3,500	+ 3,500
DARP	138,436	198,436	+ 60,000
Two Additional RC-135 Re-enginings		60,000	+ 60,000
AVIATION SAFETY AND GATM MODIFICATIONS		40,000	+ 40,000
SPARES AND REPAIR PARTS	420,921	425,921	+ 5,000
C-12 Spare Parts		5,000	+ 5,000
COMMON SUPPORT EQUIPMENT	171,369	181,369	+ 10,000
Common, Multi-platform Boresight Equipment		10,000	+ 10,000
WAR CONSUMABLES	29,282	8,429	- 20,853
Procurement of AN/ALE-50 Towed Decoys		- 20,853	- 20,853
MISC PRODUCTION CHARGES	339,624	369,624	+ 30,000
Precision Attack Targeting Pods for F-16 Block 30 Aircraft		30,000	+ 30,000

C-135.—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. Excepting Rivet Joint aircraft, the Committee believes any further re-engining of C-135 aircraft should be completed through a competitive program to lease commercial engines.

The Committee directs that the Department of Defense initiate a pilot program to re-engine the Joint Stars fleet with leased commercial engines. The Committee directs that the Deputy Secretary of Defense provide a report detailing DoD's schedule and budget for re-engining JSTARS aircraft with the fiscal year 2001 budget submission.

Theater airborne warning sensor [TAWs].—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. Further, the availability of upgraded Patriot advanced ca-

pability 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.

C-17.—The Committee is aware of the recent unsolicited proposal to provide the Air Force with 60 additional C-17 aircraft. This proposal offers a cost-effective way for the Air Force to meet the continually growing airlift demands of today's mobile force. The Committee further recognizes that current C-17 inventory and basing plans will not meet the timelines and lift requirements of Pacific theater airlift missions. Already, we are learning from the Kosovo missions that the airlift demand can quickly outstrip supply when we suddenly are required to build the capability to operate from an austere airfield.

With these thoughts in mind, the Committee has provided new multi-year procurement authority to allow the Air Force to enter into negotiations on the procurement of sixty additional C-17's. The Committee understands that timely Air Force decisions on the sharing of current C-17 production incentive funds will ensure that this new C-17 multi-year procurement option and favorable price are available to the Department of Defense.

F-16.—The Committee has provided an increase of \$50,000,000 to the budget request to permit the Department of Defense to purchase 12 F-16 aircraft in fiscal year 2000. The Committee previously recognized the need to modernize Guard and Reserve units which are operating F-16 aircraft which are reaching the end of their service life. The Committee believes the requirements of these units must be met and supports the Air Force strategy to purchase new aircraft and then make reallocations of the the F-16 inventory. To enable the cost effective procurement of additional F-16's, the Committee has provided \$24,000,000 and multi-year procurement authority to permit the purchase of 12 F-16's in fiscal year 2001.

Passenger Safety Modifications.—The Committee has provided \$40,000,000 for passenger safety modifications. The Committee directs that these funds shall be available to the Air Force to satisfy the requirements to modify aircraft with improved passenger safety systems and to comply with Global Air Traffic Management (GATM) standards. These funds are also available for the addition of Terrain Awareness and Warning System (TAWS) to KC-10, C-135, C-20, and T-43 aircraft.

On Board Oxygen Generating System (OBOGS).—The Committee is concerned by the Air Force's lack of progress on the OBOGS program. The Congress provided specific direction regarding OBOGS in the reports accompanying the Department of Defense Appropriations Act, 1999. The Committee directs the Secretary of the Air Force to provide a report no later than October 15, 1999, outlining the specific steps the Air Force has taken to comply with the Congress' directive language. The report should further address the costs and potential cost savings of OBOGS installations in appropriate aircraft, across the fleet or at selected installations.

The Committee is also disturbed that the Department of Defense has not considered all potential sources of OBOGS equipment, par-

ticularly qualified small businesses. The Committee directs that OBOGS purchases and installations be made based on full and open competitive procurements which allow all potential vendors a fair and equal opportunity to provide OBOGS equipment.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 1999	\$2,069,827,000
Budget estimate, 2000	2,359,608,000
Committee recommendation	2,338,505,000

The Committee recommends an appropriation of \$2,338,505,000 for the "Missile procurement, Air Force" account for fiscal year 2000. This recommendation is \$21,103,000 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 EQUIPMENT—BALLISTIC:						
MISSILE REPLACEMENT EQ-BALLISTIC		15,593		15,593		
OTHER MISSILES:						
STRATEGIC: ADVANCED CRUISE MISSILE		1,050		1,050		
TACTICAL:						
JOINT STANDOFF WEAPON	193	79,981	193	79,981		
AGM-130 POWERED GBU-15		220		220		
AMRAAM	210	97,279	210	97,279		
INDUSTRIAL FACILITIES: INDUSTRIAL FACILITIES		3,064		3,064		
TOTAL, OTHER MISSILES		181,594		181,594		
MODIFICATION OF INSERVICE MISSILES:						
CLASS IV:						
ADVANCED CRUISE MISSILE		2,950		2,950		
SIDEWINDER (AIM-9X)		31,103				- 31,103
MM III MODIFICATIONS		242,960		282,960		+ 40,000
AGM-65D MAVERICK		2,800		2,800		
PEACEKEEPER (M-X)		8,919		8,919		
MODIFICATIONS UNDER \$5.0M		100		100		
TOTAL, MODIFICATION OF INSERVICE MISSILES		288,832		297,729		+ 8,897
MISSILE SPARES + REPAIR PARTS: SPARES AND REPAIR PARTS		18,022		18,022		
OTHER SUPPORT:						
SPACE PROGRAMS:						
SPACEBORNE EQUIP (COMSEC)		9,594		9,594		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
GLOBAL POSITIONING (SPACE)		139,049		139,049		
GLOBAL POSITIONING (SPACE) (AP-CY)		31,798		31,798		
NUDET DETECTION SYSTEM		11,375		11,375		
DEF METEOROLOGICAL SAT PROG(SPACE)		38,223		38,223		
DEFENSE SUPPORT PROGRAM (SPACE)		111,609		111,609		
DEFENSE SATELLITE COMM SYSTEM (SPACE)		30,765		30,765		
TITAN SPACE BOOSTERS (SPACE)		431,165		431,165		
EVOLVED EXPENDABLE LAUNCH VEH (SPACE)	1	70,812	1	70,812		
MEDIUM LAUNCH VEHICLE (SPACE)		64,834		64,834		
SPECIAL PROGRAMS:						
SPECIAL PROGRAMS		716,703		716,703		
SPECIAL UPDATE PROGRAMS		199,640		169,640		— 30,000
TOTAL, OTHER SUPPORT		1,855,567		1,825,567		— 30,000
TOTAL, MISSILE PROCUREMENT, AIR FORCE		2,359,608		2,338,505		— 21,103

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
SIDEWINDER (AIM-9X)	31,103		— 31,103
MM III MODIFICATIONS	242,960	282,960	+ 40,000
Guidance Replacement Program		40,000	+ 40,000
SPECIAL UPDATE PROGRAMS	199,640	169,640	— 30,000

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 1999	\$379,425,000
Budget estimate, 2000	419,537,000
Committee recommendation	427,537,000

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 \$427,537,000 for the "Procurement of ammunition, Air Force" account for fiscal year 2000. The recommendation is an increase of \$8,000,000 above the budget request.

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:						
ROCKETS		9,806		9,806		
CARTRIDGES:						
CARTRIDGES		70,703		70,703		
BOMBS:						
PRACTICE BOMBS		24,325		24,325		
GENERAL PURPOSE BOMBS		40,553		40,553		
SENSOR FUZED WEAPON	203	61,334	203	69,334		+ 8,000
JOINT DIRECT ATTACK MUNITION	5,410	125,605	5,410	125,605		
WIND CORRECTED MUNITIONS DISPENSER	2,922	48,875	2,922	48,875		
FLARES:						
OTHER MISCELLANEOUS ITEMS		5,593		5,593		
INITIAL SPARES		2,304		2,304		
MODIFICATIONS LESS THAN \$5.0M		657		657		
FUZES:						
FLARES		26,342		26,342		
TOTAL, PROCUREMENT OF AMMO, AIR FORCE		416,097		424,097		+ 8,000
WEAPONS:						
SMALL ARMS:						
SMALL ARMS		3,440		3,440		
TOTAL, WEAPONS		3,440		3,440		
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE		419,537		427,537		+ 8,000

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
SENSOR FUZED WEAPON	61,334	69,334	+8,000

Sensor Fuzed Weapon (SFW).—The Committee is encouraged by the Air Force’s progress on the SFW Pre-Planned Product Improvement (P³I) program. The Air Force has stated that the minimum sustaining rate for sensor fuzed weapon is 300 per year. The Committee is satisfied with the Air Force’s plan to use fiscal year 1999 appropriations to procure baseline SFWs at a minimum sustaining rate of 300 rounds per year. In order to make up the shortfall in P³I procurement and to keep the program on track, the Committee provides \$8,000,000 for the procurement of P³I SFW in fiscal year 2000.

OTHER PROCUREMENT, AIR FORCE

Appropriations, 1999	\$6,960,483,000
Budget estimate, 2000	7,085,177,000
Committee recommendation	7,198,627,000

The Committee recommends an appropriation of \$7,198,627,000 for the “Other procurement, Air Force” account for fiscal year 2000. The recommendation is an increase of \$113,450,000 above 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:						
LAW ENFORCEMENT VEHICLE	53	986	53	986	.....	.....
CARGO + UTILITY VEHICLES:						
HIGH MOBILITY VEHICLE (MYP)	194	11,343	194	11,343	.....	.....
CAP VEHICLES		751		751	.....	.....
ITEMS LESS THAN \$5.0M		28,220		28,220	.....	.....
SPECIAL PURPOSE VEHICLES:						
TRACTOR, TOW, FLIGHTLINE	272	7,710	272	7,710	.....	.....
ITEMS LESS THAN \$5.0M		21,808		21,808	.....	.....
FIRE FIGHTING EQUIPMENT:						
ITEMS LESS THAN \$5.0M		3,869		3,869	.....	.....
MATERIALS HANDLING EQUIPMENT:						
TRUCK, F/L 10,000 LB	89	6,983	89	6,983	.....	.....
60K A/C LOADER	39	81,163	39	93,663	.....	+ 12,500
NEXT GENERATION SMALL LOADER (NGSL)	13	9,754	13	9,754	.....	.....
ITEMS LESS THAN \$5.0M		6,637		6,637	.....	.....
BASE MAINTENANCE SUPPORT:						
TRUCK, DUMP	105	5,428	105	5,428	.....	.....
RUNWAY SNOW REMOVE & CLEANING						
EQUIP	65	7,392	65	7,392	.....	.....
MODIFICATIONS		887		887	.....	.....

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ITEMS LESS THAN \$5.0M		10,070		10,070		
TOTAL, VEHICULAR EQUIPMENT		203,001		215,501		+ 12,500
ELECTRONICS AND TELECOMMUNICATIONS EQUIP:						
COMM SECURITY EQUIPMENT(COMSEC):						
COMSEC EQUIPMENT		28,133		28,133		
MODIFICATIONS (COMSEC)		488		488		
INTELLIGENCE PROGRAMS:						
INTELLIGENCE DATA HANDLING SYS		23,931		23,931		
INTELLIGENCE TRAINING EQUIPMENT		2,042		2,042		
INTELLIGENCE COMM EQUIP		5,495		5,495		
ELECTRONICS PROGRAMS:						
AIR TRAFFIC CTRL/LAND SYS (ATCAL)		887		887		
NATIONAL AIRSPACE SYSTEM		54,394		54,394		
THEATER AIR CONTROL SYS IMPROVEMENT ..		37,917		31,917		- 6,000
WEATHER OBSERV/FORECAST		25,434		25,434		
STRATEGIC COMMAND AND CONTROL		22,143		22,143		
CHEYENNE MOUNTAIN COMPLEX		6,371		6,371		
TAC SIGINT SUPPORT		1,801		1,801		
SPECIAL COMM-ELECTRONICS PROJECTS:						
AUTOMATIC DATA PROCESSING EQUIP		71,173		71,173		
AF GLOBAL COMMAND & CONTROL SYS		5,722		5,722		
MOBILITY COMMAND AND CONTROL		10,366		10,366		
AIR FORCE PHYSICAL SECURITY SYSTEM		32,583		32,583		
COMBAT TRAINING RANGES		17,503		45,503		+ 28,000
MINIMUM ESSENTIAL EMERGENCY COMM NET		5,168		5,168		
C ³ COUNTERMEASURES		13,275		18,275		+ 5,000
JOINT SURVEILLANCE SYSTEM		2,871		2,871		
BASE LEVEL DATA AUTO PROGRAM		28,361		28,361		
THEATER BATTLE MGT C ² SYS		47,648		47,648		
AIR FORCE COMMUNICATIONS:						
INFORMATION TRANSMISSION SYSTEMS		14,012		14,012		
BASE INFORMATION INFRASTRUCTURE		122,839		122,839		
USCENTCOM		5,770		5,770		
DEFENSE MESSAGE SYSTEM (DMS)		14,025		14,025		
DISA PROGRAMS:						
NAVSTAR GPS SPACE		14,614		14,614		
DEF METEOROLOGICAL SAT PROG SPACE		1,011		1,011		
NUDET DETECTION SYS (NDS) SPACE		3,490		3,490		
AF SATELLITE CONTROL NETWORK SPACE		33,591		33,591		
EASTERN/WESTERN RANGE I&M SPACE		83,410		83,410		
MILSATCOM SPACE		46,257		46,257		
SPACE MODS SPACE		2,835		2,835		
ORGANIZATION AND BASE:						
TACTICAL C-E EQUIPMENT		49,710		84,710		+ 35,000
COMBAT SURVIVOR/EVADER LOCATER RADIO		843		843		
RADIO EQUIPMENT		16,685		20,435		+ 3,750
TV EQUIPMENT (AFRTV)		1,991		1,991		
CCTV/AUDIOVISUAL EQUIPMENT		3,208		3,208		
BASE COMM INFRASTRUCTURE		41,589		41,589		
CAP COM & ELECT		382		382		
ITEMS LESS THAN \$5.0M		7,034		7,034		
MODIFICATIONS: COMM ELECT MODS		56,195		56,195		
TOTAL, ELECTRONICS AND TELECOMMUNI- CATIONS EQUIP		963,197		1,028,947		+ 65,750

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OTHER BASE MAINTENANCE AND SUPPORT EQUIP:						
TEST EQUIPMENT:						
BASE/ALC CALIBRATION PACKAGE		10,157		10,157		
PRIMARY STANDARDS LABORATORY PACK- AGE		1,071		1,071		
ITEMS LESS THAN \$5.0M		9,750		9,750		
PERSONAL SAFETY AND RESCUE EQUIP:						
NIGHT VISION GOGGLES		2,800		2,800		
ITEMS LESS THAN \$5.0M		3,559		5,959		+ 2,400
DEPOT PLANT + MATERIALS HANDLING EQ:						
MECHANIZED MATERIAL HANDLING EQUIP		15,320		25,320		+ 10,000
ITEMS LESS THAN \$5.0M		8,533		8,533		
ELECTRICAL EQUIPMENT:						
FLOODLIGHTS		13,461		13,461		
ITEMS LESS THAN \$5.0M		7,638		7,638		
BASE SUPPORT EQUIPMENT:						
BASE PROCURED EQUIPMENT		14,035		14,035		
MEDICAL/DENTAL EQUIPMENT		14,331		14,331		
ENVIRONMENTAL PROJECTS		955				
AIR BASE OPERABILITY		4,417		4,417		
PHOTOGRAPHIC EQUIPMENT		5,932		5,932		
PRODUCTIVITY INVESTMENTS		15,093		15,093		
MOBILITY EQUIPMENT		46,865		46,865		
AIR CONDITIONERS		6,711		6,711		
ITEMS LESS THAN \$5.0M		22,500		21,500		- 1,000
SPECIAL SUPPORT PROJECTS:						
INTELLIGENCE PRODUCTION ACTIVITY		40,047		40,047		
TECH SURV COUNTERMEASURES EQ		2,976		2,976		
DARP RC135		12,658		12,658		
DARP, MRIGS		106,394		106,394		
SELECTED ACTIVITIES		5,352,231		5,376,031		+ 23,800
SPECIAL UPDATE PROGRAM		142,515		142,515		
DEFENSE SPACE RECONNAISSANCE PRO- GRAM		7,910		7,910		
INDUSTRIAL PREPAREDNESS		1,151		1,151		
MODIFICATIONS		179		179		
FIRST DESTINATION TRANSPORTATION		13,304		13,304		
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP		5,882,493		5,917,693		+ 35,200
SPARE AND REPAIR PARTS:						
SPARES AND REPAIR PARTS		36,486		36,486		
TOTAL, OTHER PROCUREMENT, AIR FORCE		7,085,177		7,198,627		+ 113,450

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill

authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
60K A/C LOADER	81,163	93,663	+ 12,500
THEATER AIR CONTROL SYS IMPROVEMENT	37,917	31,917	— 6,000
COMBAT TRAINING RANGES	17,503	45,503	+ 28,000
Unmanned Treat Emitter		28,000	+ 28,000
C ³ COUNTERMEASURES	13,275	18,275	+ 5,000
TACTICAL C—E EQUIPMENT	49,710	84,710	+ 35,000
Theater Deployable Communication		35,000	+ 35,000
RADIO EQUIPMENT	16,685	20,435	+ 3,750
SCOPE Command		3,750	+ 3,750
ITEMS LESS THAN \$5,000,000	3,559	5,959	+ 2,400
Laser Eye Protection		2,400	+ 2,400
MECHANIZED MATERIAL HANDLING EQUIP	15,320	25,320	+ 10,000
ITEMS LESS THAN \$5,000,000	22,500	21,500	— 1,000

Secure terminal equipment [STE].—The Committee recommends an increase of \$5,000,000 in C³ countermeasures for the procurement of only the STE.

Mechanized material handling equipment.—The Committee recommends an increase of \$10,000,000 for the supply asset tracking system which provides visibility of supplies from receipt to final issue. The increase is only for the procurement of SATS.

PROCUREMENT, DEFENSE-WIDE

Appropriations, 1999	\$1,944,833,000
Budget estimate, 2000	2,128,967,000
Committee recommendation	2,327,965,000

The Committee recommends an appropriation of \$2,327,965,000 for the “Procurement, defense-wide” account for fiscal year 2000, a decrease of \$198,998,000 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/WH:						
MOTOR VEHICLES		309		309		
MAJOR EQUIPMENT, OSD		88,976		88,976		
MAJOR EQUIPMENT, WHS		20,530		20,530		
ARMED FORCES INFORMATION SERVICES		5,472		5,472		
DEPARTMENT OF DEFENSE EDUCATION AC- TIVITY		1,560		1,560		
MAJOR EQUIPMENT, NSA: DEFENSE AIRBORNE RE- CONNAISSANCE PROGRAM		11,513		11,513		
MAJOR EQUIPMENT, DISA:						
MOBILE SATELLITE SYSTEM TECH		25,977		25,977		
INFORMATION SYSTEMS SECURITY		20,889		20,889		
CONTINUITY OF OPERATIONS		3,557		3,557		
DEFENSE MESSAGE SYSTEM		28,279		28,279		
GLOBAL COMMAND AND CONTROL SYS		4,119		4,119		
GLOBAL COMBAT SUPPORT SYSTEM		4,755		4,755		
STANDARD TACTICAL ENTRY POINT		2,969		2,969		
ITEMS LESS THAN \$5.0M		13,785		13,785		
MAJOR EQUIPMENT, DLA:						
DEFENSE SUPPORT ACTIVITIES		47,455		47,455		
AUTOMATIC DOCUMENT CONVERSION SYS- TEM				50,000		+ 50,000
MAJOR EQUIPMENT, DCAA: ITEMS LESS THAN \$5.0M		4,734		4,734		
MAJOR EQUIPMENT, TJS: MAJOR EQUIPMENT, TJS ..		31,417		31,417		
BALLISTIC MISSILE DEFENSE ORGANIZATION:						
PATRIOT PAC-3	32	300,898	32	360,898		+ 60,000
NAVY AREA TBDM PROGRAM	7	55,002	7			- 55,002
DEFENSE THREAT REDUCTION AGENCY:						
VEHICLES		147		147		
OTHER MAJOR EQUIPMENT		34,286		34,286		
DEFENSE SECURITY COOPERATION AGENCY: OTHER MAJOR EQUIPMENT						
		419		419		
TOTAL, MAJOR EQUIPMENT		707,048		762,046		+ 54,998
SPECIAL OPERATIONS COMMAND:						
AVIATION PROGRAMS:						
SOF ROTARY WING UPGRADES		41,233		41,233		
SOF TRAINING SYSTEMS		2,107		2,107		
MC-130H COMBAT TALON II		16,895		16,895		
CV-22 SOF MODIFICATION		3,582		3,582		
AC-130U GUNSHIP ACQUISITION		26,796		26,796		
C-130 MODIFICATIONS		98,893		116,893		+ 18,000
AIRCRAFT SUPPORT		1,729		1,729		
SHIPBUILDING:						
ADVANCED SEAL DELIVERY SYS		21,213		21,213		
ADVANCED SEAL DELIVERY SYS (AP-CY)		17,286		17,286		
SUBMARINE CONVERSION		3,284		3,284		
AMMUNITION PROGRAMS:						
SOF ORDNANCE REPLENISHMENT		37,876		43,876		+ 6,000
SOF ORDNANCE ACQUISITION		15,992		15,992		
OTHER PROCUREMENT PROGRAMS:						
COMM EQUIPMENT & ELECTRONICS		86,758		86,758		
SOF INTELLIGENCE SYSTEMS		19,154		19,154		
SOF SMALL ARMS & WEAPONS		23,355		28,355		+ 5,000
MARITIME EQUIPMENT MODS		2,183		2,183		
SOF COMBATANT CRAFT SYSTEMS		18,771		18,771		
SPARES AND REPAIR PARTS		29,836		29,836		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SOF MARITIME EQUIPMENT		4,949	.....	4,949	.....	.....
MISCELLANEOUS EQUIPMENT		10,073	.....	10,073	.....	.....
SOF PLANNING AND REHEARSAL SYSTEM		2,432	.....	2,432	.....	.....
CLASSIFIED PROGRAMS		110,147	.....	200,147	.....	+ 90,000
PSYOP EQUIPMENT		11,716	.....	11,716	.....	.....
TOTAL, SPECIAL OPERATIONS COMMAND ...		606,260	.....	725,260	.....	+ 119,000
CHEMICAL/BIOLOGICAL DEFENSE:						
CBDP:						
INDIVIDUAL PROTECTION		124,612	.....	124,612	.....	.....
DECONTAMINATION		10,920	.....	15,920	.....	+ 5,000
JOINT BIO DEFENSE PROGRAM		99,573	.....	99,573	.....	.....
COLLECTIVE PROTECTION		36,732	.....	36,732	.....	.....
CONTAMINATION AVOIDANCE		105,559	.....	105,559	.....	.....
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE ...		377,396	.....	382,396	.....	+ 5,000
CLASSIFIED PROGRAMS		438,263	.....	458,263	.....	+ 20,000
TOTAL, PROCUREMENT, DEFENSE-WIDE		2,128,967	.....	2,327,965	.....	+ 198,998

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
AUTOMATIC DOCUMENT CONVERSION SYSTEM		50,000	+ 50,000
PATRIOT PAC-3	300,898	360,898	+ 60,000
PAC-3 Missile Procurement		60,000	+ 60,000
NAVY AREA TBDM PROGRAM	55,002	.....	— 55,002
Delays and Cost Growth in the Navy Area Develop- ment Program .....		.....	— 55,002
C-130 MODIFICATIONS	98,893	116,893	+ 18,000
ALQ-172 EW Upgrade		18,000	+ 18,000
SOF ORDNANCE REPLENISHMENT	37,876	43,876	+ 6,000
SOF SMALL ARMS AND WEAPONS	23,355	28,355	+ 5,000
INOD		5,000	+ 5,000
DECONTAMINATION	10,920	15,920	+ 5,000

ASVS.—The Committee recommends that the Department examine expediting the transition to “dry” digital methods for the collec-

tion data during aircraft and aircraft weapons separation testing and other high-speed events. Currently, the Services use 16 mm and 35 mm “wet” film cameras for such test recording, which is costly, time-consuming, and environmentally damaging. A “dry” system, such as the Airborne Separation Video System (ASVS), would afford a high-frame rate digital, color imaging system with higher resolution, a smaller remote sensor, no environmental waste-product, and potential for tremendous savings.

NATIONAL GUARD AND RESERVE EQUIPMENT

Appropriations, 1999	\$352,000,000
Budget estimate, 2000	
Committee recommendation	300,000,000

The Committee recommends a funding level of \$300,000,000 for National Guard and Reserve dedicated equipment. This recommendation is \$300,000,000 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				50,000		+ 50,000
NAVY RESERVE:						
MISCELLANEOUS EQUIPMENT				30,000		+ 30,000
MARINE CORPS RESERVE: MISCELLANEOUS EQUIPMENT				30,000		+ 30,000
AIR FORCE RESERVE: MISCELLANEOUS EQUIPMENT				40,000		+ 40,000
TOTAL, RESERVE EQUIPMENT				150,000		+ 150,000
NATIONAL GUARD EQUIPMENT:						
ARMY NATIONAL GUARD: MISCELLANEOUS EQUIPMENT				75,000		+ 75,000
AIR NATIONAL GUARD:						
MISCELLANEOUS EQUIPMENT				75,000		+ 75,000
TOTAL, NATIONAL GUARD EQUIPMENT				150,000		+ 150,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, NATIONAL GUARD & RESERVE EQUIPMENT				300,000	.....	+ 300,000

COMMITTEE RECOMMENDED ADJUSTMENTS

ARMY RESERVE

Miscellaneous equipment.—The Committee recommends \$50,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Army Reserve units.

NAVY RESERVE

Miscellaneous equipment.—The Committee recommends \$30,000,000 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 \$40,000,000 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 \$75,000,000 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 \$75,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Air National Guard units.

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: A-2 ODS, ALR-56 radar warning receiver, multiple launch rocket system [MLRS], field artillery ammunition support vehicles

[FAASVS], KC-135 reengining, night vision devices and goggles, Paladin, onboard oxygen generating system field evaluation for the Air National Guard, LITENING II targeting pod system, Bradley A20D, F-16 midlife upgrade, KC-135 reenginining, SINCGARS radios, Paladin, UH-1 modernization, P-3 modernization, F/A-18 Avionics upgrade, UH-60 upgrades, C-130E, Modular Airborne Firefighting Systems (MAFFS), C-130H2/H3 ATS-Eng changes, C-130 Carry-on SADL, Night Vision devices, Night Vision Goggles, F-16 Color display, F-16 SADL "D", B-1 Weapons Modules, Aircraft Lighting System, Logistics Service Support, JANUS, M915A4 Upgrade Kit, Rough Terrain Container Handler, F/A-18A Engineering Mods, E-2C SATCOM, ALR-67 Radar Warning Receiver, KC-130T Avionics Modernization, P-3C Update III BMUP Kits, Bradley Fighting Vehicles upgrades, F-15 modernization, C-130J support, MT ANG-RACTS Pods Rangeless Training System, F/A-18 modernization, HMMWV Striker Vehicles, tactical construction equipment, Eagle Vision antennas, Advanced Surgical Suite For Trauma Casualties (ASSTC), Deployable Rapid Assembly Shelters, Mobile Radar Approach Control (RAPCON), CH-60 upgrades, Modern burning unit, AN/TMQ41 Meterological measuring system, Vehicle Intercom System (VIS), C-22 replacement, Air defense brigade automated command and control equipment, Avenger Table Top Trainers (ATTT), ground bases sensors for Avenger battalions, support equipment for Patriot missile air defense battalions and Sand-bagger.

TITLE IV

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

SUMMARY OF COMMITTEE ACTION

The fiscal year 2000 Department of Defense budget request for research, development, test, and evaluation [RDT&E] totaled \$34,375,219,000. Title IV of the accompanying Senate bill contains \$36,445,725,000, an increase of \$2,080,506,000 or 5.99 percent, to the budget estimate. The recommended allowance is \$321,325,000 below the fiscal year 1999 appropriation for RDT&E in title IV. The following table summarizes the budget estimates and Committee recommendations:

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Research, development, test, and evaluation:			
Army	4,426,194	4,905,294	+ 479,100
Navy	7,984,016	8,448,816	+ 464,800
Air Force	13,077,829	13,489,909	+ 412,080
Defense-wide	8,609,289	9,325,315	+ 716,026
Director of Test and Evaluation	253,457	251,957	- 1,500
Director of Operational Test and Evaluation	24,434	34,434	+ 10,000
Total, title IV, RDT&E	34,375,219	36,455,725	+ 2,080,506

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.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY

Appropriations, 1999	\$5,031,788,000
Budget estimate, 2000	4,426,194,000
Committee recommendation	4,905,294,000

The Committee recommends an appropriation of \$4,905,294,000 for the Army's research, development, test, and evaluation programs, an increase of \$479,100,000 to the budget request. The budget activities and programs funded under this appropriation are discussed below.

Mortar Anti-Personnel/Anti-Material (MPAM).—The Committee is aware that there may be a more effective round of 60 mm mortar ammunition than the current M720. Accordingly, the Committee directs the Secretary of the Army to conduct a comparative side-by-side test and evaluation program to determine the lethality and

effectiveness of MAPAM mortar ammunition when compared to the M270 ammunition. Further, M270 shall be tested concurrently with MAPAM ammunition to establish a current, complete and accurate evaluation baseline. The Committee recommends \$7,200,000 for the express purpose of (i) conducting the side-by-side test program, (ii) conducting an independent evaluation of the test results, and (iii) type classification of the MAPAM ammunition.

Medical Technology.—The Committee supports advanced soft tissue modeling research for application in the development of advanced technology surgical simulation applications. The Committee encourages the department to establish a public/private research project in coordination with the National Library of Medicine (NLM) to explore advanced soft tissue modeling capability for use in developing a surgical simulation technology application, and encourages the Department to make available up to \$8,500,000 from within available funds for this effort.

Medical Advanced Technology.—The Committee has supported promising advanced computer aided tomography (CAT) technology development efforts. This technology, known as the Volume AngioCAT, could integrate several technologies into a single device capable of rapid whole body internal injury assessment. The Committee directs the Surgeon General of the Army to conduct a comprehensive evaluation of the Volume AngioCAT development program, specifically addressing the program's medical value and application to the unique needs of military medicine, and provide a report to the Committee by March 1, 2000.

Management Headquarters.—The Committee recommends \$28,191,000 for Management Headquarters, of which \$23,000,000 is only to support the prototyping, demonstration, validation, and maturation of technology through the Akamai project. Within these funds, \$4,000,000 is for hyperspectral diagnostic imaging, \$3,000,000 is for the remote access to medical specialists program, \$3,000,000 is for target services for special needs military children, and \$1,000,000 is to establish a technology transfer program to other federal government entities that leverage existing DoD investment and reuse successful telehealth prototypes.

Electroplating Technologies.—The Committee recognizes the need to develop lead/tin-free solders in the many microcircuits in the Department's equipment. Incorporating lead/tin-free solders into the Department's microcircuits will reduce environmental hazards such as human central nervous system debilitation, lower manufacturing costs because of averted regulatory compliance costs, and improve performance. The Committee encourages the Army to allocate funds for the development of lead/tin-free electroplating technologies to meet this purpose.

Lightweight 155mm Towed Howitzer.—The Committee is concerned that the Lightweight 155mm Towed Howitzer program has been suffering from contractor and program deficiencies, which has led to a 2-year delay in the program. The program has failed to fully utilize the expertise of Army arsenals in the development and design of the howitzer. Considering the long history of the arsenals in advancing howitzer technological development as well as refining production techniques, it is important that they be actively involved in the program, especially during the crucial EMD/prototype

phase to ensure that efficient production techniques are designed at the earliest possible stage of the program. In addition, the arsenals constitute an important resource in providing spare parts and special development items for howitzer forces in time of war and national emergencies.

The Committee believes the Army and the Marine Corps should develop a plan to include the Rock Island Arsenal in all aspects of howitzer development, design, and production, including recoil mechanisms, carriages and gun tubes for the Lightweight 155mm Towed Howitzer Program and all other Army/Marine Corps future towed artillery programs. The Committee expects the Army and the Marine Corps to issue a report to the Senate and House Appropriations Subcommittees on Defense no later than sixty days after the enactment of this bill outlining the plan and the steps it has taken to implement it.

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
DEFENSE RESEARCH SCIENCES	125,613	126,613	+ 1,000
Cold Regions Military Eng		1,000	+ 1,000
UNIVERSITY AND INDUSTRY RESEARCH CENTERS	47,066	69,366	+ 22,300
Basic Research in Counter-terrorism		15,000	+ 15,000
Electro and Hypervelocity Physics Research		3,000	+ 3,000
Advanced and Interactive Displays		1,300	+ 1,300
National Automotive Center		3,000	+ 3,000
MATERIALS TECHNOLOGY	13,849	16,349	+ 2,500
AAN Materials		2,500	+ 2,500
MISSILE TECHNOLOGY	32,892	44,092	+ 11,200
Scramjet Technologies		2,000	+ 2,000
Computational Fluid Dynamics		9,200	+ 9,200
MODELING AND SIMULATION TECHNOLOGY	24,955	29,955	+ 5,000
Photonics		5,000	+ 5,000
COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	39,749	53,249	+ 13,500
"Smart Truck" initiative		3,500	+ 3,500
Alternative Vehicle Propulsion		10,000	+ 10,000
CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	3,996	5,996	+ 2,000
Optical Spectroscopy		2,000	+ 2,000
ELECTRONICS AND ELECTRONIC DEVICES	25,796	31,396	+ 5,600
Hybrid fuel cell		1,500	+ 1,500
Improved High Rate Alkaline Cell		1,000	+ 1,000
Low Cost Reusable Alkaline Manganese-Zinc		1,400	+ 1,400

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Rechargeable Coin Cells		600	+ 600
Lithium Carbon Monofluoride Coin Cell		400	+ 400
"AA" Zinc Air Battery		700	+ 700
COUNTERMINE SYSTEMS	10,321	13,121	+ 2,800
Humanitarian Demining		1,800	+ 1,800
Nonlinear, Acoustic Technology		1,000	+ 1,000
HUMAN FACTORS ENGINEERING TECHNOLOGY	16,392	19,792	+ 3,400
Emergency medical team coordination		3,400	+ 3,400
ENVIRONMENTAL QUALITY TECHNOLOGY	12,758	24,758	+ 12,000
Plasma Energy Pyrolysis System (PEPS)		8,000	+ 8,000
Phyto-Remediation in Arid Lands		3,000	+ 3,000
Texas Regional Institute for Environmental Studies		1,000	+ 1,000
MILITARY ENGINEERING TECHNOLOGY	41,085	45,385	+ 4,300
University Partnering for Ops Support		3,000	+ 3,000
Cold Regions R&D		1,300	+ 1,300
MEDICAL TECHNOLOGY	70,136	87,636	+ 17,500
Disaster Relief and Emergency Medical Services (DREAMS)		5,000	+ 5,000
Center for Innovative Minimally Invasive Therapy (CIMIT)		10,000	+ 10,000
Osteoporosis and Bone Disease		2,500	+ 2,500
MEDICAL ADVANCED TECHNOLOGY	10,539	35,039	+ 24,500
Center for Prostate Disease Research-WRAMC		7,500	+ 7,500
Intravenous Membrane Oxygenator		1,000	+ 1,000
Volume Angio CAT		6,000	+ 6,000
Joint Diabetes Project		10,000	+ 10,000
COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	90,941	103,941	+ 13,000
Future Combat Vehicle Development		5,000	+ 5,000
Improved HMMWV Research		8,000	+ 8,000
COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	20,883	30,883	+ 10,000
Innovative Sensor Enhancement and Integration		10,000	+ 10,000
MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	3,030	6,030	+ 3,000
Army Aircrew Coordination Training		3,000	+ 3,000
MISSILE AND ROCKET ADVANCED TECHNOLOGY	43,639	48,639	+ 5,000
Future Missile Technology Integration (FMTI)		5,000	+ 5,000
JOINT SERVICE SMALL ARMS PROGRAM	4,869	9,869	+ 5,000
Objective Crew Served Weapon (OCSW)		5,000	+ 5,000
ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY	22,610	24,610	+ 2,000
Digital Situation Mapboard		2,000	+ 2,000
ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (DEM/VAL)	12,353	57,553	+ 45,200
Missile Defense Flight Experiment Support		14,700	+ 14,700
Tactical High Energy Laser		15,000	+ 15,000
Acoustic Technology Research		4,000	+ 4,000
Radar Power Technology		4,000	+ 4,000
Family of System Simulators (FoSSim)		1,500	+ 1,500
Small Fast ChemBio Detectors		1,000	+ 1,000
SMDC Battlelab		5,000	+ 5,000
ARMAMENT ENHANCEMENT INITIATIVE	36,937	51,937	+ 15,000
XM 1007 Precision Guided Kinetic Energy Munition		15,000	+ 15,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
AVIATION—ADV DEV	5,746	10,746	+ 5,000
Virtual Cockpit Optimization		5,000	+ 5,000
MEDICAL SYSTEMS—ADV DEV	12,723	18,523	+ 5,800
Combat Trauma Patient Simulation		5,800	+ 5,800
COMANCHE	427,069	483,069	+ 56,000
Accelerate 2nd Prototype Flight Testing		56,000	+ 56,000
EW DEVELOPMENT	78,603	82,603	+ 4,000
ATIRCM/CMWS		4,000	+ 4,000
COMBAT FEEDING, CLOTHING, AND EQUIPMENT	110,829	84,329	— 26,500
Land Warrior		— 26,500	— 26,500
BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	128,026	138,026	+ 10,000
TACMS 2000		10,000	+ 10,000
JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM	11,535	21,535	+ 10,000
JSTARS		10,000	+ 10,000
WEAPONS AND MUNITIONS—ENG DEV	54,943	64,143	+ 9,200
Motar Anti-Personnel/Anti-Material (MAPAM)		7,200	+ 7,200
50 Caliber Quick Change Barrels		2,000	+ 2,000
SENSE AND DESTROY ARMAMENT MISSILE	19,366	29,366	+ 10,000
Program Increase		10,000	+ 10,000
FIREFINDER	32,353	40,253	+ 7,900
TBM Cueing		7,900	+ 7,900
THREAT SIMULATOR DEVELOPMENT	13,680	21,380	+ 7,700
Threat EO/IR Simulator		2,500	+ 2,500
Threat Mine Simulator		1,200	+ 1,200
Virtual Threat Simulator		4,000	+ 4,000
CONCEPTS EXPERIMENTATION PROGRAM	16,990	19,990	+ 3,000
Digital Information Technology Testbed		3,000	+ 3,000
ARMY TEST RANGES AND FACILITIES	137,193	135,693	— 1,500
WSMR		7,500	+ 7,500
Program Reduction		— 9,000	— 9,000
DOD HIGH ENERGY LASER TEST FACILITY	14,230	28,230	+ 14,000
HELSTF		14,000	+ 14,000
MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	10,537	16,037	+ 5,500
Contained Detonation Technology		3,000	+ 3,000
Bluegrass Army Depot		2,500	+ 2,500
MANAGEMENT HEADQUARTERS (R&D)	5,191	28,191	+ 23,000
Akamai		23,000	+ 23,000
MLRS PRODUCT IMPROVEMENT PROGRAM	36,540	67,140	+ 30,600
High Mobility Artillery Rocket System (HIMARS)		30,600	+ 30,600
COMBAT VEHICLE IMPROVEMENT PROGRAMS	29,544	51,944	+ 22,400
Abrams Upgrades		14,400	+ 14,400
M—1 Large Area Flat Panel Displays		8,000	+ 8,000
AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	51,644	66,644	+ 15,000
Blackhawk SLEP		15,000	+ 15,000
DIGITIZATION	28,180	30,180	+ 2,000
Ft. Hood Digitization Research		2,000	+ 2,000
FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB ²)	44,225	65,925	+ 21,700
FBCB ²		21,700	+ 21,700
END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	66,167	80,167	+ 14,000
Instrumental Factory for Gears (INFAC)		4,000	+ 4,000
Totally Integrated Manufacturing Enterprise (TIME)		10,000	+ 10,000

COMMITTEE RECOMMENDED PROGRAM

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

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH DEVELOPMENT TEST & EVAL, ARMY			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	14,193	14,193	.....
DEFENSE RESEARCH SCIENCES	125,613	126,613	+ 1,000
UNIVERSITY AND INDUSTRY RESEARCH CENTERS	47,066	69,366	+ 22,300
TOTAL, BASIC RESEARCH	186,872	210,172	+ 23,300
APPLIED RESEARCH:			
TRACTOR ROSE	6,766	6,766	.....
MATERIALS TECHNOLOGY	13,849	16,349	+ 2,500
SENSORS AND ELECTRONIC SURVIVABILITY	22,978	22,978	.....
TRACTOR HIP	9,298	9,298	.....
AVIATION TECHNOLOGY	30,165	30,165	.....
EW TECHNOLOGY	17,487	17,487	.....
MISSILE TECHNOLOGY	32,892	44,092	+ 11,200
MODELING AND SIMULATION TECHNOLOGY	24,955	29,955	+ 5,000
COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	39,749	53,249	+ 13,500
BALLISTICS TECHNOLOGY	36,287	36,287	.....
CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	3,996	5,996	+ 2,000
JOINT SERVICE SMALL ARMS PROGRAM	5,187	5,187	.....
WEAPONS AND MUNITIONS TECHNOLOGY	34,687	34,687	.....
ELECTRONICS AND ELECTRONIC DEVICES	25,796	31,396	+ 5,600
NIGHT VISION TECHNOLOGY	20,111	20,111	.....
COUNTERMINE SYSTEMS	10,321	13,121	+ 2,800
HUMAN FACTORS ENGINEERING TECHNOLOGY	16,392	19,792	+ 3,400
ENVIRONMENTAL QUALITY TECHNOLOGY	12,758	24,758	+ 12,000
COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	19,613	19,613	.....
COMPUTER AND SOFTWARE TECHNOLOGY	5,210	5,210	.....
MILITARY ENGINEERING TECHNOLOGY	41,085	45,385	+ 4,300
MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	12,071	12,071	.....
WARFIGHTER TECHNOLOGY	23,971	23,971	.....
MEDICAL TECHNOLOGY	70,136	87,636	+ 17,500
ARMY ARTIFICIAL INTELLIGENCE TECHNOLOGY	1,276	1,276	.....
DUAL USE APPLICATIONS PROGRAM	18,222	18,222	.....
TOTAL, APPLIED RESEARCH	555,258	635,058	+ 79,800
ADVANCED TECHNOLOGY DEVELOPMENT:			
WARFIGHTER ADVANCED TECHNOLOGY	31,287	31,287	.....
MEDICAL ADVANCED TECHNOLOGY	10,539	35,039	+ 24,500
AVIATION ADVANCED TECHNOLOGY	34,167	34,167	.....
WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	39,893	39,893	.....
COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	90,941	103,941	+ 13,000
COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	20,883	30,883	+ 10,000
MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY ..	3,030	6,030	+ 3,000
TRACTOR HIKE	12,553	12,553	.....
TRACTOR RED	4,582	4,582	.....
TRACTOR ROSE	11,151	11,151	.....
MILITARY HIV RESEARCH	5,976	5,976	.....
TRACTOR HIP	2,432	2,432	.....
GLOBAL SURVEILLANCE/AIR DEFENSE/PRECISION STRIKE TECH	24,618	24,618	.....
EW TECHNOLOGY	16,169	16,169	.....
MISSILE AND ROCKET ADVANCED TECHNOLOGY	43,639	48,639	+ 5,000
TRACTOR CAGE	2,665	2,665	.....
LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	47,456	47,456	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
JOINT SERVICE SMALL ARMS PROGRAM	4,869	9,869	+ 5,000
LINE-OF-SIGHT TECHNOLOGY DEMONSTRATION	41,619	41,619	.....
NIGHT VISION ADVANCED TECHNOLOGY	36,628	36,628	.....
ENVIRONMENTAL QUALITY TECHNOLOGY DEVELOPMENT	1,337	1,337	.....
MILITARY ENGINEERING ADVANCED TECHNOLOGY	15,881	15,881	.....
ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECH	22,610	24,610	+ 2,000
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	524,925	587,425	+ 62,500
DEMONSTRATION & VALIDATION:			
ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (DEM/VAL)	12,353	57,553	+ 45,200
LANDMINE WARFARE AND BARRIER—ADV DEV	4,099	4,099	.....
ARMAMENT ENHANCEMENT INITIATIVE	36,937	51,937	+ 15,000
ADVANCED TANK ARMAMENT SYSTEM (ATAS)	1,937	1,937	.....
ARMY DATA DISTRIBUTION SYSTEM	10	10	.....
SOLDIER SUPPORT AND SURVIVABILITY	12,804	12,804	.....
NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	3,188	3,188	.....
NATO RESEARCH AND DEVELOPMENT	1,872	1,872	.....
AVIATION—ADV DEV	5,746	10,746	+ 5,000
WEAPONS AND MUNITIONS—ADV DEV	1,751	1,751	.....
LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	6,514	6,514	.....
COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION	11,062	11,062	.....
MEDICAL SYSTEMS—ADV DEV	12,723	18,523	+ 5,800
TRACTOR CAGE (DEM/VAL)	1,087	1,087	.....
ARTILLERY SYSTEMS—DEM/VAL	282,937	282,937	.....
SCAMP BLOCK II DEM/VAL	10,703	10,703	.....
TOTAL, DEMONSTRATION & VALIDATION	405,723	476,723	+ 71,000
ENGINEERING & MANUFACTURING DEVEL:			
AIRCRAFT AVIONICS	6,372	6,372	.....
COMANCHE	427,069	483,069	+ 56,000
EW DEVELOPMENT	78,603	82,603	+ 4,000
JOINT TACTICAL RADIO	36,797	36,797	.....
ALL SOURCE ANALYSIS SYSTEM	49,684	49,684	.....
TRACTOR CAGE	2,848	2,848	.....
MEDIUM TACTICAL VEHICLES	1,973	1,973	.....
SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ENG DEV	918	918	.....
JAVELIN	493	493	.....
LANDMINE WARFARE	13,318	13,318	.....
AIR TRAFFIC CONTROL	1,981	1,981	.....
LIGHT TACTICAL WHEELED VEHICLES	7,498	7,498	.....
ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	2,899	2,899	.....
ENGINEER MOBILITY EQUIPMENT DEVELOPMENT	58,321	58,321	.....
NIGHT VISION SYSTEMS—ENG DEV	30,644	30,644	.....
COMBAT FEEDING, CLOTHING, AND EQUIPMENT	110,829	84,329	— 26,500
NON-SYSTEM TRAINING DEVICES—ENG DEV	71,034	71,034	.....
TERRAIN INFORMATION—ENG DEV	5,348	5,348	.....
INTEGRATED METEOROLOGICAL SUPPORT SYSTEM	2,318	2,318	.....
INTEGRATED BROADCAST SERVICE	4,552	4,552	.....
AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV	7,995	7,995	.....
AUTOMATIC TEST EQUIPMENT DEVELOPMENT	10,252	10,252	.....
DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV	7,657	7,657	.....
TACTICAL EXPLOITATION OF NATIONAL CAPABILITIES—EMD	70,940	70,940	.....
BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	128,026	138,026	+ 10,000
JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM	11,535	21,535	+ 10,000
POSITIONING SYSTEMS DEVELOPMENT (SPACE)	443	443	.....
COMBINED ARMS TACTICAL TRAINER (CATT) CORE	19,925	19,925	.....
AVIATION—ENG DEV	6,312	6,312	.....
WEAPONS AND MUNITIONS—ENG DEV	54,943	64,143	+ 9,200
LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	22,996	22,996	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV	23,987	23,987	.....
MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	9,705	9,705	.....
LANDMINE WARFARE/BARRIER—ENG DEV	40,916	40,916	.....
SENSE AND DESTROY ARMAMENT MISSILE—ENG DEV	19,366	29,366	+ 10,000
COMBAT IDENTIFICATION	8,658	8,658	.....
ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE ..	35,299	35,299	.....
RADAR DEVELOPMENT	5,128	5,128	.....
FIREFINDER	32,353	40,253	+ 7,900
ARTILLERY SYSTEMS—EMD	65,806	65,806	.....
TOTAL, ENGINEERING & MANUFACTURING DEVEL	1,495,741	1,576,341	+ 80,600
RTD&E MANAGEMENT SUPPORT:			
THREAT SIMULATOR DEVELOPMENT	13,680	21,380	+ 7,700
TARGET SYSTEMS DEVELOPMENT	13,397	13,397	.....
MAJOR T&E INVESTMENT	39,380	39,380	.....
RAND ARROYO CENTER	17,656	17,656	.....
ARMY KWAJALEIN ATOLL	140,344	140,344	.....
CONCEPTS EXPERIMENTATION PROGRAM	16,990	19,990	+ 3,000
ARMY TEST RANGES AND FACILITIES	137,193	135,693	— 1,500
ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	30,470	30,470	.....
SURVIVABILITY/LETHALITY ANALYSIS	30,138	30,138	.....
DOD HIGH ENERGY LASER TEST FACILITY	14,230	28,230	+ 14,000
AIRCRAFT CERTIFICATION	3,021	3,021	.....
METEOROLOGICAL SUPPORT TO RTD&E ACTIVITIES	6,843	6,843	.....
MATERIEL SYSTEMS ANALYSIS	8,796	8,796	.....
EXPLOITATION OF FOREIGN ITEMS	4,143	4,143	.....
SUPPORT OF OPERATIONAL TESTING	68,946	68,946	.....
ARMY EVALUATION CENTER	24,255	24,255	.....
PROGRAMWIDE ACTIVITIES	64,121	64,121	.....
TECHNICAL INFORMATION ACTIVITIES	15,973	15,973	.....
MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	10,537	16,037	+ 5,500
MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	5,191	28,191	+ 23,000
TOTAL, RTD&E MANAGEMENT SUPPORT	665,304	717,004	+ 51,700
OPERATIONAL SYSTEMS DEVELOPEMENT:			
MLRS PRODUCT IMPROVEMENT PROGRAM	36,540	67,140	+ 30,600
AEROSTAT JOINT PROJECT OFFICE	24,903	24,903	.....
ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	36,222	36,222	.....
COMBAT VEHICLE IMPROVEMENT PROGRAMS	29,544	51,944	+ 22,400
MANEUVER CONTROL SYSTEM	45,125	45,125	.....
AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	51,644	66,644	+ 15,000
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	2,900	2,900	.....
DIGITIZATION	28,180	30,180	+ 2,000
FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB?)	44,225	65,925	+ 21,700
FORCE TWENTY-ONE (XXI), WARFIGHTING RAPID ACQUISITION	55,921	55,921	.....
MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	29,985	29,985	.....
OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	9,914	9,914	.....
TRACTOR CARD	3,898	3,898	.....
JOINT TACTICAL COMMUNICATIONS PROGRAM (TRI-TAC)	18,432	18,432	.....
JOINT TACTICAL GROUND SYSTEM	28,061	28,061	.....
SPECIAL ARMY PROGRAM	6,584	6,584	.....
INFORMATION SYSTEMS SECURITY PROGRAM	9,426	9,426	.....
SATCOM GROUND ENVIRONMENT (SPACE)	36,230	36,230	.....
WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	11,606	11,606	.....
TACTICAL UNMANNED AERIAL VEHICLES	3,866	3,866	.....
AIRBORNE RECONNAISSANCE SYSTEMS	4,932	4,932	.....
DISTRIBUTED COMMON GROUND SYSTEMS	8,066	8,066	.....
END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	66,167	80,167	+ 14,000
CLASSIFIED PROGRAMS .....	.....	4,500	+ 4,500

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	592,371	702,571	+ 110,200
TOTAL, RESEARCH DEVELOPMENT TEST & EVAL, ARMY	4,426,194	4,905,294	+ 479,100

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY

Appropriations, 1999	\$8,636,649,000
Budget estimate, 2000	7,984,016,000
Committee recommendation	8,448,816,000

The Committee recommends an appropriation of \$8,448,816,000 for the Navy's research, development, test, and evaluation programs, an increase of \$464,800,000 to the budget request.

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

UESA Signal Processing Support.—The Committee recommends \$5,000,000 in addition to the budget request to upgrade infrastructure at the test site for the UESA program to improve signal processing capabilities in support of this and other Navy test programs.

Vectored Thrust Ducted Propeller (VTDP).— The Committee recommends an additional \$6,000,000 for the flight demonstration of the Vectored Thrust Ducted Propeller (VTDP) Compound Helicopter technology. The Secretary of the Navy's Report to Congress specified objectives for this program which include the original Congressionally directed goal of validating the multi-mission speed, range and life cycle cost benefits of this technology, and a potential new requirement for Airborne Mine Counter Measures (AMCM) tow testing. The Committee understands that the addition of the AMCM tow testing and NAVAIR flight clearance requirements have increased the amount of funding required by \$12,300,000 and that approximately \$6,000,000 of this is required in fiscal year 2000. The Committee directs the Navy to fund the outyear portion of this shortfall in the fiscal year 2001 budget.

National Technology Alliance (NTA).—The Committee is aware that the efforts of the National Technology Alliance (NTA), (consisting of the National Media Laboratory (NML), the National Information Display Laboratory (NIDL) and the National Center for Applied Technology) have saved the Intelligence Community and others in the defense industry hundreds of millions of dollars, far in excess of the monies invested in the NTA program. The laboratories have been successful in providing solutions applicable to the intelligence community, DOD, and civil agencies, due largely to the NTA's ability to work across agency and departmental boundaries on common technological problems and technical standards. Therefore, the Committee recommends \$10,000,000 to reinforce the cross-agency, cross-program sharing of advanced commercial and consumer information technology solutions for the end users in the Intelligence community and DOD.

Stainless Steel Advanced Double Hull.—The Committee recommends an additional \$5,000,000 for an analytical and experi-

mental development program on the Stainless Steel Advanced Double Hull concept.

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
AIR AND SURFACE LAUNCHED WEAPONS TECHNOLOGY ...	37,616	42,616	+ 5,000
Pulsed Detonation Engine Technology		5,000	+ 5,000
SHIP, SUBMARINE & LOGISTICS TECHNOLOGY	43,786	48,786	+ 5,000
Stainless Steel Double Hull		5,000	+ 5,000
MARINE CORPS LANDING FORCE TECHNOLOGY	10,534	15,534	+ 5,000
Non-Traditional Military Operations		5,000	+ 5,000
COMMUNICATIONS, COMMAND AND CONTROL, INTEL, SURVEILLANCE	68,823	77,823	+ 9,000
Hyperspectral Research		4,000	+ 4,000
UESA Signal Processing Support		5,000	+ 5,000
HUMAN SYSTEMS TECHNOLOGY	30,586	35,786	+ 5,200
Coastal Cancer Control (MUSC)		5,000	+ 5,000
Retinal Pigment Laser Damage		200	+ 200
MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY	77,957	92,857	+ 14,900
Heatshield Research		2,000	+ 2,000
Thermal Management materials		2,000	+ 2,000
Photomagnetic material research		500	+ 500
Silicon Carbide for Electronic Power Devices		2,000	+ 2,000
Innovative Communications Materials		2,250	+ 2,250
Advanced Material Processing Center		5,000	+ 5,000
ADPICAS		1,150	+ 1,150
ELECTRONIC WARFARE TECHNOLOGY	24,659	37,659	+ 13,000
Free Electron Laser		10,000	+ 10,000
Waveform Generator		3,000	+ 3,000
OCEANOGRAPHIC AND ATMOSPHERIC TECHNOLOGY	60,334	62,734	+ 2,400
Distributed Marine-Environment Forecast Sys		2,400	+ 2,400
UNDERSEA WARFARE WEAPONRY TECHNOLOGY	34,066	39,066	+ 5,000
Computational Eng Design		3,500	+ 3,500
SAUVIM		1,500	+ 1,500
SURFACE SHIP & SUBMARINE HM&E ADVANCED TECHNOLOGY	41,515	57,015	+ 15,500
Composite Helo Hangar		5,000	+ 5,000
Reconfigurable Ship Simulation		2,500	+ 2,500
Power Node Control Centers		3,000	+ 3,000
Virtual Testbed for Advanced Electrical Systems		5,000	+ 5,000
MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	56,943	67,943	+ 11,000
BURRO		5,000	+ 5,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Advanced Lightweight Grenade		1,000	+ 1,000
Project Albert		4,000	+ 4,000
Vehicle Technology Demo		1,000	+ 1,000
MEDICAL DEVELOPMENT (ADVANCED)	15,064	19,564	+ 4,500
Naval Dental Research Institute		3,000	+ 3,000
Prostate Cancer Immunotherapy		1,500	+ 1,500
MANPOWER, PERSONNEL AND TRAINING ADV TECH DEV	20,632	25,132	+ 4,500
Integrated manufacturing studies		3,000	+ 3,000
T-STAR		1,500	+ 1,500
ENVIRONMENTAL QUALITY AND LOGISTICS ADVANCED TECHNOLOGY	23,809	26,809	+ 3,000
Visualization of Technical Information (VTI)		3,000	+ 3,000
NAVY TECHNICAL INFORMATION PRESENTATION SYSTEM	41,840	26,840	− 15,000
Joint Experimentation		− 15,000	− 15,000
UNDERSEA WARFARE ADVANCED TECHNOLOGY	57,956	60,456	+ 2,500
Terfenol-D		2,500	+ 2,500
MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	48,711	57,711	+ 9,000
Ocean Modeling		9,000	+ 9,000
ADVANCED TECHNOLOGY TRANSITION	75,635	109,635	+ 34,000
Low Observable Stack		10,000	+ 10,000
Vector Thrusted Ducted Propellor		6,000	+ 6,000
Advanced Trailer Research		6,000	+ 6,000
Mine Countermeasures Ship		12,000	+ 12,000
C ³ ADVANCED TECHNOLOGY	23,808	33,808	+ 10,000
National Technology Alliance		10,000	+ 10,000
SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	82,465	100,465	+ 18,000
Integrated Combat Weapons System (ICWS)		18,000	+ 18,000
SHIPBOARD SYSTEM COMPONENT DEVELOPMENT	108,334	110,334	+ 2,000
Advanced Waterjet Technology		2,000	+ 2,000
PILOT FISH	94,085	96,585	+ 2,500
ADVANCED SUBMARINE SYSTEM DEVELOPMENT	115,767	118,067	+ 2,300
Enhanced Performance Motor Brush		2,300	+ 2,300
SHIP CONCEPT ADVANCED DESIGN	5,318	20,318	+ 15,000
Trident Conversion		13,000	+ 13,000
STEP Development-Navy CAE technology		2,000	+ 2,000
ADVANCED SURFACE MACHINERY SYSTEMS	17,727	20,227	+ 2,500
Naval Ship Survivability		2,500	+ 2,500
COMBAT SYSTEM INTEGRATION	46,740	51,740	+ 5,000
Common Command and Decision Systems		5,000	+ 5,000
MARINE CORPS ASSAULT VEHICLES	94,843	121,243	+ 26,400
Advanced Amphibious Assault Vehicle (AAAV)		26,400	+ 26,400
COOPERATIVE ENGAGEMENT	114,931	129,931	+ 15,000
CEC Space		15,000	+ 15,000
ENVIRONMENTAL PROTECTION	70,793	74,793	+ 4,000
Asbestos Conversion Pilot Program		4,000	+ 4,000
LAND ATTACK TECHNOLOGY	101,489	117,789	+ 16,300
Continuous Processor, Naval Surface Warfare Center		6,300	+ 6,300
Extended Range Guided Munition (ERGM)		10,000	+ 10,000
NONLETHAL WEAPONS—DEM/VAL	23,277	26,277	+ 3,000
Innovation Initiative		3,000	+ 3,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT	35,170	39,170	+ 4,000
Navy Collaborative Integrated Information Technology Initiative (NAVCIITI)		4,000	+ 4,000
OTHER HELO DEVELOPMENT	48,776	64,776	+ 16,000
Sentient Sensors		1,000	+ 1,000
Parametric Airborne Dipping Sonar		15,000	+ 15,000
H-1 UPGRADES	157,683	184,283	+ 26,600
EMD Program		26,600	+ 26,600
AIR CREW SYSTEMS DEVELOPMENT	6,801	10,301	+ 3,500
Air Crew Systems		3,500	+ 3,500
SURFACE COMBATANT COMBAT SYSTEM ENGINEERING ...	204,480	229,480	+ 25,000
AEGIS interoperability		25,000	+ 25,000
AIRBORNE MCM	50,642	52,642	+ 2,000
CH-60 Upgrades		2,000	+ 2,000
AIR CONTROL	8,696	15,696	+ 7,000
ECARS		7,000	+ 7,000
ENHANCED MODULAR SIGNAL PROCESSOR	970	11,970	+ 11,000
ARCI/MPP		11,000	+ 11,000
SWATH (SMALL WATERPLANE AREA TWIN HULL) OCEANOGRAPHIC SHIP		9,000	+ 9,000
SWATH		9,000	+ 9,000
NEW DESIGN SSN	241,456	251,456	+ 10,000
Non-Propulsion Electronic Systems		10,000	+ 10,000
SHIP CONTRACT DESIGN/ LIVE FIRE T&E	61,135	63,135	+ 2,000
Smart Propulsor Product Model		2,000	+ 2,000
SHIP SELF DEFENSE—EMD	96,580	115,980	+ 19,400
Volume Search Radar (VSR)		15,000	+ 15,000
NULKA		4,400	+ 4,400
DISTRIBUTED SURVEILLANCE SYSTEM	14,910	36,910	+ 22,000
Advanced Deployable System		22,000	+ 22,000
MAJOR T&E INVESTMENT	42,621	47,621	+ 5,000
T&E SUPPORT	270,992	261,992	- 9,000
Program Reduction		- 9,000	- 9,000
MARINE CORPS PROGRAM WIDE SUPPORT	8,198	18,198	+ 10,000
Chemical Biological Individual Sampler (CBIS)		4,800	+ 4,800
Consequence Management Information System (CMIS)		1,200	+ 1,200
Small Unit Biological Detector (SUBD)		4,000	+ 4,000
F/A-18 SQUADRONS	315,714	320,714	+ 5,000
Joint Helmet Mounted Cueing System		5,000	+ 5,000
CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	26,257	33,757	+ 7,500
Battle Force Tactical Training System (BFTT)		7,500	+ 7,500
SURFACE ASW COMBAT SYSTEM INTEGRATION	16,633	24,633	+ 8,000
High Dynamic Range, Towed Array Receiver and Beamformer Sonar		8,000	+ 8,000
NAVY SCIENCE ASSISTANCE PROGRAM		13,000	+ 13,000
LASH		12,000	+ 12,000
Airship/LASH study for range enhancements		1,000	+ 1,000
MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	39,941	32,741	- 7,200
Improved Recovery Vehicle		- 7,200	- 7,200
AIRBORNE RECONNAISSANCE SYSTEMS	4,958	8,958	+ 4,000
Hyperspectral Modular Upgrades		4,000	+ 4,000
MODELING AND SIMULATION SUPPORT	9,621	12,621	+ 3,000
SPAWAR Modeling and Simulation Initiative		3,000	+ 3,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
INDUSTRIAL PREPAREDNESS	59,104	69,104	+ 10,000
MANTECH		10,000	+ 10,000

COMMITTEE RECOMMENDED PROGRAM

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

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH DEVELOPMENT TEST & EVAL, NAVY			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	15,630	15,630	
DEFENSE RESEARCH SCIENCES	361,118	361,118	
TOTAL, BASIC RESEARCH	376,748	376,748	
APPLIED RESEARCH:			
AIR AND SURFACE LAUNCHED WEAPONS TECHNOLOGY	37,616	42,616	+ 5,000
SHIP, SUBMARINE & LOGISTICS TECHNOLOGY	43,786	48,786	+ 5,000
AIRCRAFT TECHNOLOGY	20,660	20,660	
MARINE CORPS LANDING FORCE TECHNOLOGY	10,534	15,534	+ 5,000
COMMUNICATIONS, COMMAND AND CONTROL, INTEL, SURVEILLANCE ..	68,823	77,823	+ 9,000
HUMAN SYSTEMS TECHNOLOGY	30,586	35,786	+ 5,200
MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY	77,957	92,857	+ 14,900
ELECTRONIC WARFARE TECHNOLOGY	24,659	37,659	+ 13,000
UNDERSEA WARFARE SURVEILLANCE TECHNOLOGY	51,406	51,406	
MINE COUNTERMEASURES, MINING AND SPECIAL WARFARE	45,022	45,022	
OCEANOGRAPHIC AND ATMOSPHERIC TECHNOLOGY	60,334	62,734	+ 2,400
UNDERSEA WARFARE WEAPONRY TECHNOLOGY	34,066	39,066	+ 5,000
DUAL USE APPLICATIONS PROGRAM	18,390	18,390	
TOTAL, APPLIED RESEARCH	523,839	588,339	+ 64,500
ADVANCED TECHNOLOGY DEVELOPMENT:			
AIR SYSTEMS AND WEAPONS ADVANCED TECHNOLOGY	42,046	42,046	
PRECISION STRIKE AND AIR DEFENSE TECHNOLOGY	52,580	52,580	
ADVANCED ELECTRONIC WARFARE TECHNOLOGY	18,984	18,984	
SURFACE SHIP & SUBMARINE HM&E ADVANCED TECHNOLOGY	41,515	57,015	+ 15,500
MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD) ...	56,943	67,943	+ 11,000
MEDICAL DEVELOPMENT	15,064	19,564	+ 4,500
MANPOWER, PERSONNEL AND TRAINING ADV TECH DEV	20,632	25,132	+ 4,500
ENVIRONMENTAL QUALITY AND LOGISTICS ADVANCED TECH	23,809	26,809	+ 3,000
NAVY TECHNICAL INFORMATION PRESENTATION SYSTEM	41,840	26,840	- 15,000
UNDERSEA WARFARE ADVANCED TECHNOLOGY	57,956	60,456	+ 2,500
MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	48,711	57,711	+ 9,000
ADVANCED TECHNOLOGY TRANSITION	75,635	109,635	+ 34,000
C ³ ADVANCED TECHNOLOGY	23,808	33,808	+ 10,000
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	519,523	598,523	+ 79,000
DEMONSTRATION & VALIDATION:			
AIR/OCEAN TACTICAL APPLICATIONS	30,109	30,109	
AVIATION SURVIVABILITY	7,280	7,280	
ASW SYSTEMS DEVELOPMENT	17,780	17,780	
TACTICAL AIRBORNE RECONNAISSANCE	1,975	1,975	
ADVANCED COMBAT SYSTEMS TECHNOLOGY	6,828	6,828	
SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	82,465	100,465	+ 18,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
SURFACE SHIP TORPEDO DEFENSE	640	640	.....
CARRIER SYSTEMS DEVELOPMENT	142,783	142,783	.....
SHIPBOARD SYSTEM COMPONENT DEVELOPMENT	108,334	110,334	+ 2,000
PILOT FISH	94,085	96,585	+ 2,500
RETRACT LARCH	7,834	7,834	.....
RETRACT JUNIPER	5,983	5,983	.....
RADIOLOGICAL CONTROL	605	605	.....
SURFACE ASW	2,949	2,949	.....
ADVANCED SUBMARINE SYSTEM DEVELOPMENT	115,767	118,067	+ 2,300
SUBMARINE TACTICAL WARFARE SYSTEMS	4,667	4,667	.....
SHIP CONCEPT ADVANCED DESIGN	5,318	20,318	+ 15,000
SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	12,012	12,012	.....
ADVANCED NUCLEAR POWER SYSTEMS	146,208	146,208	.....
ADVANCED SURFACE MACHINERY SYSTEMS	17,727	20,227	+ 2,500
CHALK EAGLE	95,329	95,329	.....
COMBAT SYSTEM INTEGRATION	46,740	51,740	+ 5,000
CONVENTIONAL MUNITIONS	34,309	34,309	.....
MARINE CORPS ASSAULT VEHICLES	94,843	121,243	+ 26,400
MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	42,654	42,654	.....
JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	11,168	11,168	.....
COOPERATIVE ENGAGEMENT	114,931	129,931	+ 15,000
OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	16,813	16,813	.....
ENVIRONMENTAL PROTECTION	70,793	74,793	+ 4,000
NAVY ENERGY PROGRAM	4,984	4,984	.....
FACILITIES IMPROVEMENT	1,985	1,985	.....
CHALK CORAL	42,707	42,707	.....
RETRACT MAPLE	122,217	122,217	.....
LINK PLUMERIA	48,254	48,254	.....
RETRACT ELM	19,535	19,535	.....
SHIP SELF DEFENSE—DEM/VAL	5,654	5,654	.....
LINK EVERGREEN	7,879	7,879	.....
SPECIAL PROCESSES	69,332	69,332	.....
NATO RESEARCH AND DEVELOPMENT	5,461	5,461	.....
LAND ATTACK TECHNOLOGY	101,489	117,789	+ 16,300
JOINT STRIKE FIGHTER (JSF)—DEM/VAL	241,238	241,238	.....
NONLETHAL WEAPONS—DEM/VAL	23,277	26,277	+ 3,000
ALL SERVICE COMBAT IDENTIFICATION EVALUATION TEAM	13,027	13,027	.....
HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS)	4,924	4,924	.....
SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE ..	35,170	39,170	+ 4,000
TOTAL, DEMONSTRATION & VALIDATION	2,086,062	2,202,062	+ 116,000
ENGINEERING & MANUFACTURING DEVEL:			
TRAINING SYSTEM AIRCRAFT	311	311	.....
OTHER HELO DEVELOPMENT	48,776	64,776	+ 16,000
AV-8B AIRCRAFT—ENG DEV	38,599	38,599	.....
STANDARDS DEVELOPMENT	74,325	74,325	.....
MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	118,701	118,701	.....
S-3 WEAPON SYSTEM IMPROVEMENT	2,095	2,095	.....
AIR/OCEAN EQUIPMENT ENGINEERING	6,095	6,095	.....
P-3 MODERNIZATION PROGRAM	3,010	3,010	.....
TACTICAL COMMAND SYSTEM	41,599	41,599	.....
H-1 UPGRADES	157,683	184,283	+ 26,600
ACOUSTIC SEARCH SENSORS	25,953	25,953	.....
V-22A	182,885	182,885	.....
AIR CREW SYSTEMS DEVELOPMENT	6,801	10,301	+ 3,500
EW DEVELOPMENT	163,077	163,077	.....
SC-21 TOTAL SHIP SYSTEM ENGINEERING	162,056	162,056	.....
SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	204,480	229,480	+ 25,000
LPD-17 CLASS SYSTEMS INTEGRATION	2,608	2,608	.....
TRI-SERVICE STANDOFF ATTACK MISSILE	2,020	2,020	.....
STANDARD MISSILE IMPROVEMENTS	1,140	1,140	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
AIRBORNE MCM	50,642	52,642	+ 2,000
SSN-688 AND TRIDENT MODERNIZATION	48,896	48,896	.....
AIR CONTROL	8,696	15,696	+ 7,000
ENHANCED MODULAR SIGNAL PROCESSOR	970	11,970	+ 11,000
SHIPBOARD AVIATION SYSTEMS	9,052	9,052	.....
COMBAT INFORMATION CENTER CONVERSION	8,126	8,126	.....
SUBMARINE COMBAT SYSTEM	6,546	6,546	.....
SWATH (SMALL WATERPLANE AREA TWIN HULL) OCEANOGRAPHIC SHIP .....	.....	9,000	+ 9,000
NEW DESIGN SSN	241,456	251,456	+ 10,000
SSN-21 DEVELOPMENTS	32,001	32,001	.....
SUBMARINE TACTICAL WARFARE SYSTEM	13,353	13,353	.....
SHIP CONTRACT DESIGN/LIVE FIRE T&E	61,135	63,135	+ 2,000
NAVY TACTICAL COMPUTER RESOURCES	3,300	3,300	.....
MINE DEVELOPMENT	3,315	3,315	.....
UNGUIDED CONVENTIONAL AIR-LAUNCHED WEAPONS	1,598	1,598	.....
LIGHTWEIGHT TORPEDO DEVELOPMENT	9,297	9,297	.....
MARINE CORPS MINE COUNTERMEASURES SYSTEMS—ENG DEV	1,002	1,002	.....
JOINT DIRECT ATTACK MUNITION	11,782	11,782	.....
JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,133	7,133	.....
PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	1,252	1,252	.....
NAVY ENERGY PROGRAM	5,446	5,446	.....
BATTLE GROUP PASSIVE HORIZON EXTENSION SYSTEM	1,791	1,791	.....
JOINT STANDOFF WEAPON SYSTEMS	30,567	30,567	.....
SHIP SELF DEFENSE—EMD	96,580	115,980	+ 19,400
MEDICAL DEVELOPMENT	4,285	4,285	.....
NAVIGATION/ID SYSTEM	19,808	19,808	.....
DISTRIBUTED SURVEILLANCE SYSTEM	14,910	36,910	+ 22,000
COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE	18,729	18,729	.....
TOTAL, ENGINEERING & MANUFACTURING DEVEL	1,953,882	2,107,382	+ 153,500
RDT&E MANAGEMENT SUPPORT:			
THREAT SIMULATOR DEVELOPMENT	29,644	29,644	.....
TARGET SYSTEMS DEVELOPMENT	52,265	52,265	.....
MAJOR T&E INVESTMENT	42,621	47,621	+ 5,000
STUDIES AND ANALYSIS SUPPORT—NAVY	8,531	8,531	.....
CENTER FOR NAVAL ANALYSES	43,694	43,694	.....
FLEET TACTICAL DEVELOPMENT	3,103	3,103	.....
TECHNICAL INFORMATION SERVICES	6,696	6,696	.....
MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	19,447	19,447	.....
STRATEGIC TECHNICAL SUPPORT	2,371	2,371	.....
RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	52,777	52,777	.....
RDT&E INSTRUMENTATION MODERNIZATION	9,258	9,258	.....
RDT&E SHIP AND AIRCRAFT SUPPORT	73,163	73,163	.....
TEST AND EVALUATION SUPPORT	270,992	261,992	— 9,000
OPERATIONAL TEST AND EVALUATION CAPABILITY	9,172	9,172	.....
NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	2,436	2,436	.....
SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	12,121	12,121	.....
MARINE CORPS PROGRAM WIDE SUPPORT	8,198	18,198	+ 10,000
TOTAL, RDT&E MANAGEMENT SUPPORT	646,489	652,489	+ 6,000
OPERATIONAL SYSTEMS DEVELOPEMENT:			
STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	45,907	45,907	.....
SSBN SECURITY TECHNOLOGY PROGRAM	33,239	33,239	.....
SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	3,195	3,195	.....
F/A-18 SQUADRONS	315,714	320,714	+ 5,000
E-2 SQUADRONS	16,132	16,132	.....
FLEET TELECOMMUNICATIONS (TACTICAL)	9,947	9,947	.....
TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	147,223	147,223	.....
INTEGRATED SURVEILLANCE SYSTEM	18,025	18,025	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	26,257	33,757	+ 7,500
ELECTRONIC WARFARE (EW) READINESS SUPPORT	9,162	9,162	.....
HARM IMPROVEMENT	23,642	23,642	.....
TACTICAL DATA LINKS	46,666	46,666	.....
SURFACE ASW COMBAT SYSTEM INTEGRATION	16,633	24,633	+ 8,000
MK-48 ADCAP	20,426	20,426	.....
AVIATION IMPROVEMENTS	53,293	53,293	.....
NAVY SCIENCE ASSISTANCE PROGRAM .....	.....	13,000	+ 13,000
F-14 UPGRADE	1,390	1,390	.....
OPERATIONAL NUCLEAR POWER SYSTEMS	53,564	53,564	.....
MARINE CORPS COMMUNICATIONS SYSTEMS	90,293	90,293	.....
MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	39,941	32,741	+ 7,200
MARINE CORPS COMBAT SERVICES SUPPORT	9,817	9,817	.....
TACTICAL AIM MISSILES	40,051	40,051	.....
ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	13,544	13,544	.....
SATELLITE COMMUNICATIONS (SPACE)	38,921	38,921	.....
INFORMATION SYSTEMS SECURITY PROGRAM	22,978	22,978	.....
NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE (METOC)	14,507	14,507	.....
JOINT C4ISR BATTLE CENTER (JBC)	8,125	8,125	.....
JOINT MILITARY INTELLIGENCE PROGRAMS	2,064	2,064	.....
TACTICAL UNMANNED AERIAL VEHICLES	69,742	69,742	.....
AIRBORNE RECONNAISSANCE SYSTEMS	4,958	8,958	+ 4,000
MANNE RECONNAISSANCE SYSTEMS	30,958	30,958	.....
DISTRIBUTED COMMON GROUND SYSTEMS	5,583	5,583	.....
NAVAL SPACE SURVEILLANCE	712	712	.....
MODELING AND SIMULATION SUPPORT	9,621	12,621	+ 3,000
DEPOT MAINTENANCE (NON-IF)	39,986	39,986	.....
INDUSTRIAL PREPAREDNESS	59,104	69,104	+ 10,000
MARITIME TECHNOLOGY (MARITECH)	19,681	19,681	.....
CLASSIFIED PROGRAMS	516,472	518,972	+ 2,500
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	1,877,473	1,923,273	+ 45,800
TOTAL, RESEARCH DEVELOPMENT TEST & EVAL, NAVY	7,984,016	8,448,816	+ 464,800

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE

Appropriations, 1999	\$13,758,811,000
Budget estimate, 2000	13,077,829,000
Committee recommendation	13,489,909,000

The Committee recommends an appropriation of \$13,489,909,000 for the Air Force's research, development, test, and evaluation programs, an increase of \$412,080,000 to the budget request.

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

COMMITTEE RECOMMENDED ADJUSTMENTS

Human Effectiveness and Applied Research.—Solid state oxygen separation using planar electrolytic ceramic membranes can supply pure oxygen at point of use. In addition to being easier to deploy and more compact, it is less expensive than traditional oxygen generation. The Committee recommends an increase of \$6,000,000 to begin development of defense applications of this technology.

Theater Battle Management (TBM) C4I.—The Committee is aware of an Air Force requirement to continue the initiative to provide an automated system to support delivery of air support to

ground commanders. The system provides the Joint Force Air Component Commander (JFACC) the ability to effectively fulfill requests for Close Air Support (CAS) from both Army and Marine ground commanders. These capabilities are critical to the development of the Air Expeditionary Force (AEF) concept to provide key interfaces between the air and ground components. Accordingly, the Committee recommends an increase of \$5,000,000 to support implementation of these capabilities in the year 2000.

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
DEFENSE RESEARCH SCIENCES	209,505	209,505	.....
National Solar Observatory		(650)	(+ 650)
MATERIALS	63,334	84,161	+ 20,827
Deferral of New Material and Processes for Radar and Space Sensor Systems		— 3,773	— 3,773
Structural Monitoring of Aging Aircraft		1,500	+ 1,500
Friction Stir Welding		2,000	+ 2,000
Thermal Management for Space Structures		2,500	+ 2,500
Titanium Matrix Composites		2,200	+ 2,200
Materials—High Temperature Ceramic Fibers		2,400	+ 2,400
Resin Systems for AF Engine Applications		2,000	+ 2,000
Metals Affordability Initiative Consortium		9,000	+ 9,000
Electrochemical Fatigue Sensor development and field use tests		3,000	+ 3,000
AEROSPACE FLIGHT DYNAMICS	43,898	41,398	— 2,500
Deferral of Component Test of a Powered Lift System for a Transport Aircraft		— 2,500	— 2,500
HUMAN EFFECTIVENESS APPLIED RESEARCH	51,512	62,612	+ 11,100
Solid Electrolyte Oxygen Separator		6,000	+ 6,000
Behavioral Science Research under Air Force Research Laboratory		5,100	+ 5,100
AEROSPACE PROPULSION	62,012	78,787	+ 16,775
High Thermal Stability Fuel Technology		1,000	+ 1,000
KC-135 Variable Displacement Vane Pump		4,000	+ 4,000
High Power, Advanced Low Mass Systems Prototype		6,000	+ 6,000
More Electric Aircraft Program		3,000	+ 3,000
Thermophotovoltaic (TPV)		2,000	+ 2,000
ISSES/AFRL		775	+ 775
AEROSPACE SENSORS	64,988	58,131	— 6,857
Deferral of Radio Frequency Power Amplifiers for Space-Based Sensors		— 2,437	— 2,437

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Deferral of Automatic Target Recognition for Air and Space Vehicles		-2,281	-2,281
Deferral of Feasibility of a Space-Based Radar Array		-2,139	-2,139
HYPERSONIC TECHNOLOGY PROGRAM		16,000	+16,000
Restore Hypersonic and High Speed Propulsion Program		16,000	+16,000
PHILLIPS LAB EXPLORATORY DEVELOPMENT	115,313	128,318	+13,005
Deferral of Payload Systems for Space-Based Radar		-2,395	-2,395
Reduce Growth in Ground and Small Satellite Integration Technologies		-3,500	-3,500
HAARP		10,000	+10,000
Radio Frequency Applications Development		5,000	+5,000
Tropo-weather		2,500	+2,500
Space Survivability		600	+600
HIS Spectral Sensing		800	+800
CONVENTIONAL MUNITIONS	42,205	38,205	-4,000
Reduce Growth in Advanced Control and Carriage Technologies for Future Missiles		-4,000	-4,000
COMMAND, CONTROL AND COMMUNICATIONS	46,448	54,248	+7,800
Deferral of Space-Based Radar Subsystem Technologies and Concepts		-1,500	-1,500
Electromagnetic Technology		9,300	+9,300
DUAL USE SCIENCE AND TECHNOLOGY PROGRAM	17,927	12,927	-5,000
Reduce Program Growth		-5,000	-5,000
ADVANCED MATERIALS FOR WEAPON SYSTEMS	25,890	30,390	+4,500
Composite Space Launch Payload Dispensers		4,500	+4,500
ADVANCED AEROSPACE SENSORS	29,405	24,805	-4,600
Deferral of EO Sensors to Detect Deep Hide Targets		-4,600	-4,600
AEROSPACE STRUCTURES	13,749	17,749	+4,000
Polymeric Foam Core		4,000	+4,000
AEROSPACE PROPULSION AND POWER TECHNOLOGY ...	38,778	39,028	+250
More Electric Aircraft Program		250	+250
PERSONNEL, TRAINING AND SIMULATION TECHNOLOGY	4,827	6,627	+1,800
Behavioral Science Research under Air Force Research Laboratory		1,800	+1,800
CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY	14,841	22,841	+8,000
Helmet Mounted Visual Sys Components and Mini-CRT		5,000	+5,000
Panoramic Night Vision Goggles (PNVG) for Aircrews		3,000	+3,000
BALLISTIC MISSILE TECHNOLOGY		10,000	+10,000
GPS Range Safety Demo		10,000	+10,000
ADVANCED SPACECRAFT TECHNOLOGY	76,229	118,129	+41,900
Scorpius		5,000	+5,000
Deferral of Space-Based Radar Antenna Technologies		-2,100	-2,100
Deferral of Warfighter—2 Demonstration		-6,000	-6,000
MSTRS		5,000	+5,000
Upper Stage Flight Experiment		15,000	+15,000
Space Maneuver Vehicles		25,000	+25,000
ADVANCED WEAPONS TECHNOLOGY	38,995	44,695	+5,700

[In thousands of dollars]

Item	2000 budget estimate	Committee rec- ommendation	Change from budget estimate
Reduce Growth in Advanced Solid State Lasers for Advanced Applications		— 5,300	— 5,300
Laser Spark Missile Countermeasures Program ..		5,000	+ 5,000
Field Laser Radar Upgrades		6,000	+ 6,000
ENVIRONMENTAL ENGINEERING TECHNOLOGY		5,000	+ 5,000
E-SMART Environmental Monitoring Tool		5,000	+ 5,000
SPACE CONTROL TECHNOLOGY	9,822	14,822	+ 5,000
Program Increase		5,000	+ 5,000
JOINT STRIKE FIGHTER	235,374	250,374	+ 15,000
Alternate Engine Development		15,000	+ 15,000
INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	28,628	47,828	+ 19,200
Quick Reaction Launch Demonstration Under RSLP		19,200	+ 19,200
SPACE-BASED LASER		10,000	+ 10,000
Space-Based Laser—Plan, Eng. and Design of SBL Test Facility		10,000	+ 10,000
B-1B	203,544	163,544	— 40,000
Delays in Block E Computer Upgrade Program ...		— 20,000	— 20,000
Delays in Block F Defensive System Upgrade Program		— 20,000	— 20,000
B-2 ADVANCED TECHNOLOGY BOMBER	201,765	238,765	+ 37,000
B-2 Upgrades and Maintainability Enhance- ments		37,000	+ 37,000
EW DEVELOPMENT	90,347	100,347	+ 10,000
Precision and Location and ID Program (PLAID) Upgrade		10,000	+ 10,000
SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD ..	328,653	420,653	+ 92,000
Program Cost Growth		92,000	+ 92,000
SPACE BASED INFRARED SYSTEM (SBIRS) LOW EMD ...	77,651	127,651	+ 50,000
SIBRS Low EMD (for one flight demo)		50,000	+ 50,000
MUNITIONS DISPENSER DEVELOPMENT		3,900	+ 3,900
Wind Corrected Munitions Dispenser Develop- ment		3,900	+ 3,900
SUBMUNITIONS	4,798	9,298	+ 4,500
3-D Advanced Track Acquisition and Imaging System (3-Data)		4,500	+ 4,500
LIFE SUPPORT SYSTEMS	6,135	8,635	+ 2,500
Life Support Systems		2,500	+ 2,500
COMPUTER RESOURCE TECHNOLOGY TRANSITION (CRTT)	196	2,996	+ 2,800
Asset Software Reuse Program		2,800	+ 2,800
MAJOR T&E INVESTMENT	47,334	53,334	+ 6,000
MARIAH II Hypersonic Wind Tunnel Program		6,000	+ 6,000
TEST AND EVALUATION SUPPORT	392,104	365,504	— 26,600
Authorization Transfer to S&T		— 1,600	— 1,600
Program Reduction		— 30,000	— 30,000
Big Crow Program Office		5,000	+ 5,000
DEVELOPMENT PLANNING	5,696	— 5,696	— 5,696
Authorization Transfer to S&T		— 5,696	— 5,696
SPACE TEST PROGRAM (STP)	51,658	61,658	+ 10,000
Micro Satellite Technology		10,000	+ 10,000
B-52 SQUADRONS	32,139	47,539	+ 15,400
Radar Upgrades for Situational Awareness		15,400	+ 15,400
F-16 SQUADRONS	112,520	118,520	+ 6,000
ADV Identification Friend or Foe (AIFF) for F-16		6,000	+ 6,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
F-117A SQUADRONS	4,807	24,807	+ 20,000
Pre-EMD and EMD Efforts on Block 3 Up-grades		20,000	+ 20,000
TACTICAL AIM MISSILES	41,007	36,007	- 5,000
Authorization Transfer to S&T		- 5,000	- 5,000
SPECIAL EVALUATION PROGRAM	85,168	81,268	- 3,900
Program Reduction		- 3,900	- 3,900
COMPASS CALL	4,908	12,908	+ 8,000
TRACS-F Upgrade		8,000	+ 8,000
THEATER AIR CONTROL SYSTEMS	467	6,467	+ 6,000
Theater Air Control System (TACS)		6,000	+ 6,000
THEATER BATTLE MANAGEMENT (TBM) C4I	43,727	48,727	+ 5,000
Theater Battle Management Core Systems		5,000	+ 5,000
COBRA BALL		4,000	+ 4,000
Advanced Airborne Sensor		4,000	+ 4,000
DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPACE)	8,985	6,485	- 2,500
Authorization Transfer to S&T		- 2,500	- 2,500
INFORMATION SYSTEMS SECURITY PROGRAM	7,992	17,992	+ 10,000
Lighthouse Cyber Security Program		10,000	+ 10,000
NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	53,963	49,913	- 4,050
Protection Program Technology Demonstration		- 4,050	- 4,050
ENDURANCE UNMANNED AERIAL VEHICLES	70,835	57,600	- 13,235
Dark Star		- 6,035	- 6,035
Global Hawk		- 7,200	- 7,200
AIRBORNE RECONNAISSANCE SYSTEMS	124,698	134,608	+ 10,000
JSAF LBSS and HBSS		10,000	+ 10,000
MANNED RECONNAISSANCE SYSTEMS	9,388	21,888	+ 12,500
Prototype Pre-Processor		4,500	+ 4,500
U-2 Dual Data Link II Upgrade		8,000	+ 8,000
C-5 AIRLIFT SQUADRONS	63,041	44,172	- 18,869
C-5 Reliability Enhancement and Reengining Program		- 18,869	- 18,869
INDUSTRIAL PREPAREDNESS	51,814	53,144	+ 1,330
Nickel-Metal Hydride Replacement Battery for F-16		1,330	+ 1,330
PRODUCTIVITY, RELIABILITY, AVAILABILITY, MAINTAIN. PROG OFC	9,382	23,382	+ 14,000
Aging Aircraft Extension Program		7,000	+ 7,000
Blade Repair Facility		7,000	+ 7,000
SUPPORT SYSTEMS DEVELOPMENT	22,383	31,383	+ 9,000
Integrated Maintenance Data Systems		9,000	+ 9,000

COMMITTEE RECOMMENDED PROGRAM

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

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH DEVELOPMENT TEST & EVAL, AIR FORCE			
BASIC RESEARCH:			
DEFENSE RESEARCH SCIENCES	209,505	209,505	.....
APPLIED RESEARCH:			
MATERIALS	63,334	84,161	+ 20,827
AEROSPACE FLIGHT DYNAMICS	43,898	41,398	— 2,500
HUMAN EFFECTIVENESS APPLIED RESEARCH	51,512	62,612	+ 11,100
AEROSPACE PROPULSION	62,012	78,787	+ 16,775
AEROSPACE SENSORS	64,988	58,131	— 6,857
HYPERSONIC TECHNOLOGY PROGRAM .....	.....	16,000	+ 16,000
PHILLIPS LAB EXPLORATORY DEVELOPMENT	115,313	128,318	+ 13,005
CONVENTIONAL MUNITIONS	42,205	38,205	— 4,000
COMMAND CONTROL AND COMMUNICATIONS	46,448	54,248	+ 7,800
DUAL USE SCIENCE AND TECHNOLOGY PROGRAM	17,927	12,927	— 5,000
TOTAL, APPLIED RESEARCH	507,637	574,787	+ 67,150
ADVANCED TECHNOLOGY DEVELOPMENT:			
LOGISTICS SYSTEMS TECHNOLOGY	10,786	10,786	.....
ADVANCED MATERIALS FOR WEAPON SYSTEMS	25,890	30,390	+ 4,500
AEROSPACE PROPULSION SUBSYSTEMS INTEGRATION	29,825	29,825	.....
ADVANCED AEROSPACE SENSORS	29,405	24,805	— 4,600
FLIGHT VEHICLE TECHNOLOGY	5,992	5,992	.....
AEROSPACE STRUCTURES	13,749	17,749	+ 4,000
AEROSPACE PROPULSION AND POWER TECHNOLOGY	38,778	39,028	+ 250
PERSONNEL, TRAINING AND SIMULATION TECHNOLOGY	4,827	6,627	+ 1,800
CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY	14,841	22,841	+ 8,000
FLIGHT VEHICLE TECHNOLOGY INTEGRATION	8,335	8,335	.....
ADVANCED SENSOR INTEGRATION	9,443	9,443	.....
ELECTRONIC COMBAT TECHNOLOGY	27,334	27,334	.....
SPACE AND MISSILE ROCKET PROPULSION	11,231	11,231	.....
BALLISTIC MISSILE TECHNOLOGY .....	.....	10,000	+ 10,000
ADVANCED SPACECRAFT TECHNOLOGY	76,229	118,129	+ 41,900
SPACE SYSTEMS ENVIRONMENTAL INTERACTIONS TECHNOLOGY	3,677	3,677	.....
CONVENTIONAL WEAPONS TECHNOLOGY	21,479	21,479	.....
ADVANCED WEAPONS TECHNOLOGY	38,995	44,695	+ 5,700
ENVIRONMENTAL ENGINEERING TECHNOLOGY .....	.....	5,000	+ 5,000
C ³ I SUBSYSTEM INTEGRATION	9,122	9,122	.....
ADVANCED COMPUTING TECHNOLOGY	4,507	4,507	.....
C ³ ADVANCED DEVELOPMENT	17,402	17,402	.....
SPACE-BASED LASER	63,840	63,840	.....
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	465,687	542,237	+ 76,550
DEMONSTRATION & VALIDATION:			
INTELLIGENCE ADVANCED DEVELOPMENT	4,534	4,534	.....
AIRBORNE LASER PROGRAM	308,634	308,634	.....
ADVANCED EHF MILSATCOM (SPACE)	97,066	97,066	.....
POLAR MILSATCOM (SPACE)	39,678	39,678	.....
NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SATE ...	80,137	80,137	.....
SPACE CONTROL TECHNOLOGY	9,822	14,822	+ 5,000
SPACE BASED INFRARED ARCHITECTURE (SPACE)—DEM/VAL	151,378	151,378	.....
COMMAND, CONTROL, AND COMMUNICATION APPLICATIONS	7,833	7,833	.....
COMBAT IDENTIFICATION TECHNOLOGY	7,393	7,393	.....
NATO RESEARCH AND DEVELOPMENT(H)	4,283	4,283	.....
JOINT STRIKE FIGHTER	235,374	250,374	+ 15,000
INTEGRATED BROADCAST SERVICE (DEM/VAL)	24,446	24,446	.....
INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	28,628	47,828	+ 19,200
WIDEBAND MILSATCOM (SPACE)	53,344	53,344	.....
AIR FORCE/NRO PARTNERSHIP (AFNP)	2,905	2,905	.....
JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL	16,488	16,488	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
SPACE-BASED LASER .....	.....	10,000	+ 10,000
HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS)	4,910	4,910	.....
TOTAL, DEMONSTRATION & VALIDATION	1,076,853	1,126,053	+ 49,200
ENGINEERING & MANUFACTURING DEVEL:			
JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS)	2,970	2,970	.....
INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	723	723	.....
NUCLEAR WEAPONS SUPPORT	8,489	8,489	.....
B-1B	203,544	163,544	- 40,000
DISTRIBUTED MISSION TRAINING (DMT)	3,835	3,835	.....
SPECIALIZED UNDERGRADUATE PILOT TRAINING	38,656	38,656	.....
F-22 EMD	1,222,232	1,222,232	.....
B-2 ADVANCED TECHNOLOGY BOMBER	201,765	238,765	+ 37,000
EW DEVELOPMENT	90,347	100,347	+ 10,000
SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	328,653	420,653	+ 92,000
SPACE BASED INFRARED SYSTEM (SBIRS) LOW EMD	77,651	127,651	+ 50,000
MILSTAR LDR/MDR SATELLITE COMMUNICATIONS (SPACE)	361,308	361,308	.....
MUNITIONS DISPENSER DEVELOPMENT .....	.....	3,900	+ 3,900
ARMAMENT/ORDNANCE DEVELOPMENT	8,887	8,887	.....
SUBMUNITIONS	4,798	9,298	+ 4,500
AGILE COMBAT SUPPORT	946	946	.....
JOINT DIRECT ATTACK MUNITION	1,385	1,385	.....
AEROMEDICAL/CHEMICAL DEFENSE SYSTEMS	7,135	7,135	.....
LIFE SUPPORT SYSTEMS	6,135	8,635	+ 2,500
CIVIL, FIRE, ENVIRONMENTAL, SHELTER ENGINEERING	2,719	2,719	.....
JOINT STANDOFF WEAPONS SYSTEMS	10,307	10,307	.....
COMBAT TRAINING RANGES	6,220	6,220	.....
COMPUTER RESOURCE TECHNOLOGY TRANSITION (CRTT)	196	2,996	+ 2,800
INTELLIGENCE EQUIPMENT	1,345	1,345	.....
JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	8,705	8,705	.....
COMMON LOW OBSERVABLES VERIFICATION SYSTEM (CLOVERS)	5,893	5,893	.....
JOINT INTEROPERABILITY OF TACTICAL COMMAND & CONTROL	5,837	5,837	.....
COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE	30,485	30,485	.....
INTERCONTINENTAL BALLISTIC MISSILE—EMD	38,804	38,804	.....
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)	324,803	324,803	.....
RDT&E FOR AGING AIRCRAFT	4,889	4,889	.....
COMBAT SURVIVOR EVADER LOCATOR	13,412	13,412	.....
TOTAL, ENGINEERING & MANUFACTURING DEVEL	3,023,074	3,185,774	+ 162,700
RDT&E MANAGEMENT SUPPORT:			
THREAT SIMULATOR DEVELOPMENT	32,391	32,391	.....
TARGET SYSTEMS DEVELOPMENT	192	192	.....
MAJOR T&E INVESTMENT	47,334	53,334	+ 6,000
RAND PROJECT AIR FORCE	20,560	20,560	.....
RANCH HAND II EPIDEMIOLOGY STUDY	4,510	4,510	.....
INITIAL OPERATIONAL TEST & EVALUATION	23,819	23,819	.....
TEST AND EVALUATION SUPPORT	392,104	365,504	- 26,600
DEVELOPMENT PLANNING	5,696	.....	- 5,696
POLLUTION PREVENTION	2,553	2,553	.....
ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	7,913	7,913	.....
SPACE TEST PROGRAM (STP)	51,658	61,658	+ 10,000
INTERNATIONAL ACTIVITIES	3,750	3,750	.....
TOTAL, RDT&E MANAGEMENT SUPPORT	592,480	576,184	- 16,296
OPERATIONAL SYSTEMS DEVELOPEMENT:			
INFORMATION OPERATIONS TECHNOLOGY	491	491	.....
B-52 SQUADRONS	32,139	47,539	+ 15,400
ADVANCED CRUISE MISSILE	688	688	.....
AIR-LAUNCHED CRUISE MISSILE (ALCM)	5,344	5,344	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION	13,239	13,239	.....
AIR AND SPACE COMMAND AND CONTROL AGENCY (ASC ² A)	2,946	2,946	.....
A-10 SQUADRONS	8,108	8,108	.....
F-16 SQUADRONS	112,520	118,520	+ 6,000
F-15E SQUADRONS	112,670	112,670	.....
MANNED DESTRUCTIVE SUPPRESSION	5,402	5,402	.....
F-117A SQUADRONS	4,807	24,807	+ 20,000
TACTICAL AIM MISSILES	41,007	36,007	- 5,000
ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	49,783	49,783	.....
AF TENCAP	10,102	10,102	.....
SPECIAL EVALUATION PROGRAM	85,168	81,268	- 3,900
COMPASS CALL	4,908	12,908	+ 8,000
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	160,212	160,212	.....
SENSOR FUSED WEAPONS	11,785	11,785	.....
JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	166,408	166,408	.....
THEATER AIR CONTROL SYSTEMS	467	6,467	+ 6,000
AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	33,393	33,393	.....
ADVANCED COMMUNICATIONS SYSTEMS	2,864	2,864	.....
EVALUATION AND ANALYSIS PROGRAM	73,336	73,336	.....
ADVANCED PROGRAM TECHNOLOGY	54,046	54,046	.....
THEATER BATTLE MANAGEMENT (TBM) C4I	43,727	48,727	+ 5,000
JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM	130,488	130,488	.....
SEEK EAGLE	23,133	23,133	.....
ADVANCED PROGRAM EVALUATION	248,342	266,342	+ 18,000
USAF MODELING AND SIMULATION	19,299	19,299	.....
WARGAMING AND SIMULATION CENTERS	5,192	5,192	.....
MISSION PLANNING SYSTEMS	16,764	16,764	.....
WAR RESERVE MATERIEL—EQUIPMENT/SECONDARY ITEMS	1,467	1,467	.....
THEATER MISSILE DEFENSES	26,129	26,129	.....
TECHNICAL EVALUATION SYSTEM	92,990	92,990	.....
SPECIAL EVALUATION SYSTEM	61,198	61,198	.....
NUDET DETECTION SYSTEM	3,200	3,200	.....
E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	12,666	12,666	.....
DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPACE)	8,985	6,485	- 2,500
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	45,907	45,907	.....
INFORMATION SYSTEMS SECURITY PROGRAM	7,992	17,992	+ 10,000
GLOBAL COMBAT SUPPORT SYSTEM	19,389	19,389	.....
GLOBAL COMMAND AND CONTROL SYSTEM	3,929	3,929	.....
MILSATCOM TERMINALS	7,026	7,026	.....
SELECTED ACTIVITIES	3,000	3,000	.....
GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	6,517	6,517	.....
SATELLITE CONTROL NETWORK (SPACE)	61,918	61,918	.....
WEATHER SERVICE	19,069	19,069	.....
AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM	5,588	5,588	.....
MEDIUM LAUNCH VEHICLES (SPACE)	1,179	1,179	.....
SECURITY AND INVESTIGATIVE ACTIVITIES	466	466	.....
NATIONAL AIRSPACE SYSTEM (NAS) PLAN	1,756	1,756	.....
TITAN SPACE LAUNCH VEHICLES (SPACE)	45,379	45,379	.....
TACTICAL TERMINAL	239	239	.....
DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE)	36,824	36,824	.....
DEFENSE METEOROLOGICAL SATELLITE PROGRAM (SPACE)	21,535	21,535	.....
NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT)	53,963	49,913	- 4,050
NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL)	98,890	98,890	.....
SPACELIFT RANGE SYSTEM (SPACE)	43,186	43,186	.....
ENDURANCE UNMANNED AERIAL VEHICLES	70,835	57,600	- 13,235
AIRBORNE RECONNAISSANCE SYSTEMS	124,608	134,608	+ 10,000
MANNED RECONNAISSANCE SYSTEMS	9,388	21,888	+ 12,500
DISTRIBUTED COMMON GROUND SYSTEMS	12,820	12,820	.....
NCMC—TW/AA SYSTEM	16,408	16,408	.....
SPACETRACK (SPACE)	54,806	54,806	.....
DEFENSE SUPPORT PROGRAM (SPACE)	7,459	7,459	.....
NUDET DETECTION SYSTEM (SPACE)	14,430	14,430	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
SPACE ARCHITECT	9,898	9,898	.....
MODELING AND SIMULATION SUPPORT	1,069	1,069	.....
SHARED EARLY WARNING (SEW)	11,532	11,532	.....
C-5 AIRLIFT SQUADRONS	63,041	44,172	+ 18,869
C-17 AIRCRAFT	170,718	170,718	.....
AIR CARGO MATERIAL HANDLING (463-L) (NON-IF)	502	502	.....
KC-135S	2,268	2,268	.....
DEPOT MAINTENANCE (NON-IF)	1,500	1,500	.....
INDUSTRIAL PREPAREDNESS	51,814	53,144	+ 1,330
PRODUCTIVITY, RELIABILITY, AVAILABILITY, MAINTAIN	9,382	23,382	+ 14,000
JOINT LOGISTICS PROGRAM—AMMUNITION STANDARD SYSTEM	11,333	11,333	.....
SUPPORT SYSTEMS DEVELOPMENT	22,383	31,383	+ 9,000
CIVILIAN COMPENSATION PROGRAM	6,973	6,973	.....
COBRA BALL (FLD) .....	.....	4,000	+ 4,000
CLASSIFIED PROGRAMS	4,360,261	4,341,361	+ 18,900
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	7,202,593	7,275,369	+ 72,776
TOTAL, RESEARCH DEVELOPMENT TEST & EVAL, AIR FORCE	13,077,829	13,489,909	+ 412,080

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

Appropriations, 1999	\$9,036,551,000
Budget estimate, 2000	8,609,289,000
Committee recommendation	9,325,315,000

The Committee recommends an appropriation of \$9,325,315,000 for defense-wide research, development, test, and evaluation programs, an increase of \$716,026,000 to the budget request.

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

COMMITTEE RECOMMENDED ADJUSTMENTS

Advanced Electronics Technology.—The Committee supports development of change-detection technology to interpret reconnaissance imagery and enhance intelligence community capabilities. The National Information Display Laboratory (NIDL) has been in the forefront of developing this technology and applying it to other military and non-military applications. The Committee urges that an interagency Board of Advisors be created to guide the NIDL's research agenda and its efforts to continue improving change-detection technology and to develop innovative applications. The Committee has provided an increase of \$3,000,000 for research on change detection technology.

Advanced Concept Technology Demonstration (ACTD) Littoral Battlefield.—Over the past several years, the Committee has supported efforts to demonstrate combined forces in war fighting exercises. Such initiatives have demonstrated promise towards achieving advancements in force integration, technology development, battlespace management, attack assessment and operational space exploitation.

In order to facilitate the use of advanced technology on the battlefield, the Committee endorses an extensive advanced concept technology demonstration program that assesses expanding the lit-

toral battlefield. The Chairman's Joint Vision 2010 provides for such an approach, using a series of exercises and experiments to test these concepts and capabilities.

The Committee believes that such an assessment should be developed in conjunction with an existing joint and operational exercise where a subordinate unified command responds to unforeseen theater missions. This exercise needs to replicate combined joint training in areas with varied topographies including mountain terrain, bodies of water and a full spectrum of climatic conditions. The deployed task force headquarters would provide the command and control of the littoral battlefield.

The Committee directs the Chairman of the Joint Chiefs to report to the congressional defense committees on the Department's plan and time line for the joint experimentation program for fiscal year 2000 and 2001 no later than February 15, 2000.

Computer-Assisted Technology Transfer.—The Computer-Assisted Technology Transfer (CATT) program provides an innovative approach to Department of Defense procurement problems. The CATT partnership provides a possible solution for the DoD parts challenge by using information technologies to develop the industrial base and modernize the procurement process. These projects utilize distributed test beds to perform research and development, and evaluate, prototype, and transfer new and emerging information and manufacturing technologies between the military and civilian sectors. Support to small and medium-sized enterprises (SME) is provided through various types of mentoring structures which leverage existing procurement assistance initiatives.

The Committee supports this program and encourages the Department to expand this program to other SME manufacturers creating additional virtual enterprise manufacturing programs, creating capacity to respond rapidly and cost-effectively to market forces.

Biosystems Technology.—The Committee supports the development of environmentally sensitive products and services essential for the efficient operation of all branches of the military and the civilian sector and recognizes the unique factors in tropical and subtropical regions to provide the technology and resource base for these products and services. The Committee recommends \$6,000,000 to pursue science and technology biological systems research in conjunction with the United States Department of Agriculture Sustainable Economic Activity program.

WMD Related Technology.—The Committee has provided an increase of \$7,000,000 for the Department of Defense (DoD) to analyze, model, simulate and predict the effects of nuclear explosions and to develop techniques to ensure systems survive these effects. The Committee encourages the Department of Defense to maintain the capability to perform these tasks.

Controlled Flight into Terrain Accidents.—The Committee supports NIMA's efforts with other federal agencies to improve flight safety by using national imagery and photogrammetric techniques to create 3D terrain and obstruction databases for airfields. The Committee directs NIMA to expend up to \$10,000,000 for this worthwhile effort, coordinating this activity with the Department of

Transportation in order to meet flight standards and certification requirements.

BALLISTIC MISSILE DEFENSE ORGANIZATION

Ballistic Missile Defense Organization [BMDO].—The Committee has provided \$3,455,993,000 for research, development, test, and evaluation [RDT&E] efforts on national and theater ballistic missile defense systems and technologies. This appropriation represents an overall increase of \$511,545,000 to the Ballistic Missile Defense Organization [BMDO] RDT&E budget request. The Committee also provides \$360,898,000 for procurement of ballistic missile defense systems and components, an increase of \$4,998,000 to the budget request. Thus, the total appropriation for ballistic missile defense programs in this bill is \$3,816,891,000. The Committee has made a number of adjustments to individual RDT&E accounts.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
SUPPORT TECHNOLOGIES—APPLIED RESEARCH	65,328	90,328	+ 25,000
Wide Band Gap Materials		14,000	+ 14,000
POAP		8,000	+ 8,000
Laser Communications Experiment		3,000	+ 3,000
SUPPORT TECHNOLOGIES—ADVANCED TECHNOLOGY DEVELOPMENT	173,704	215,704	+ 42,000
Atmospheric Interceptor Technology (AIT)		30,000	+ 30,000
Excalibur		5,000	+ 5,000
Scorpius		5,000	+ 5,000
Silicon Thick Film Mirror Coatings		2,000	+ 2,000
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—TMD—DEM/VAL	527,871	527,871	.....
NAVY THEATER WIDE MISSILE DEFENSE SYSTEM	329,768	379,768	+ 50,000
Radar Improvements Competition		50,000	+ 50,000
MEADS—DEM/VAL	48,597	48,597	.....
BOOST PHASE INTERCEPT THEATER MISSILE DEFENSE ACQUISITION—DEM/VAL		20,000	+ 20,000
Risk Mitigation Program and Advanced Technology Demonstration Program Boost Phase Intercept Concept		20,000	+ 20,000
NATIONAL MISSILE DEFENSE—DEM/VAL	836,555	1,036,555	+ 200,000
National Missile Defense—Dem/Val		200,000	+ 200,000
JOINT THEATER MISSILE DEFENSE—DEM/VAL	195,722	215,722	+ 20,000
Liquid Surrogate Target Development Program ..		5,000	+ 5,000
PMRF TMD Upgrades		10,000	+ 10,000
Optical-Electro Sensors		5,000	+ 5,000
Kauai Test Facility		(4,000)	(+ 4,000)
FAMILY-OF SYSTEMS ENGINEERING AND INTEGRATION (FOS E&I)	141,821	136,821	— 5,000
Delayed Obligation of Prior Year Funds		— 5,000	— 5,000
BMD TECHNICAL OPERATIONS	190,650	193,650	+ 3,000
SMDC Adv Research Center		3,000	+ 3,000
INTERNATIONAL COOPERATIVE PROGRAMS	36,650	78,650	+ 42,000
Arrow Third Battery		42,000	+ 42,000
THREAT AND COUNTERMEASURES	16,497	20,497	+ 4,000
Comprehensive Advanced Radar Tech		4,000	+ 4,000
Phase IV of the Long Range Missile Feasibility Assessment, including additional Countermeasures Hands-on Program Missions		(3,000)	(3,000)

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—			
TMD—EMD	83,755	.....	– 83,755
PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION—			
EMD	29,141	181,141	+ 152,000
Program Cost Growth .....	.....	152,000	+ 152,000
NAVY AREA THEATER MISSILE DEFENSE—EMD	268,389	310,189	+ 41,800
Program Cost Growth .....	.....	41,800	+ 41,800

Support Technologies.—The Committee is concerned with the steady decline in the budget for Ballistic Missile Defense Support Technology. The Committee recognizes the importance of continued investment in support technology development for the viability of future missile defense systems. The Committee encourages the Ballistic Missile Defense Organization to increase its support technology budget.

Russian American Observational Satellite.—The Committee understands that the Ballistic Missile Defense Organization, working with the Office of the Secretary of Defense, plans to make \$16,000,000 of current and/or prior year funds available for the RAMOS program. The Committee directs that these funds shall be available only to continue the RAMOS satellite demonstration program.

Theater High Altitude Area Defense (THAAD).—The Committee has provided \$527,161,000, the amount requested for the THAAD demonstration and validation (Dem/Val) phase program. The Committee strongly supports continued development and flight testing of the THAAD interceptor. The Committee supports the THAAD program proceeding into the engineering and manufacturing development (EMD) phase following the successful completion of the Dem/Val phase exit criteria.

Of the funds appropriated in Public Law 105–277 (Division B, Title 1, Section 102) for support of ballistic missile defense systems, the Committee directs that \$83,755,000 of the appropriated funds shall only be available for engineering and manufacturing development (EMD) efforts on the THAAD program once the THAAD program has successfully completed all Dem/Val exit criteria.

Theater High Altitude Area Defense (THAAD).—The Committee has provided \$527,161,000, the amount requested for the THAAD demonstration and validation (Dem/Val) phase program. The Committee strongly supports continued development and flight testing of the THAAD interceptor. The Committee supports the THAAD program proceeding into the engineering and manufacturing development (EMD) phase following two successful intercepts and the successful completion of the Dem/Val phase exit criteria. Therefore, the Committee directs that any available THAAD Dem/Val funds may be used to proceed into the EMD phase once the interceptor and radar have both met all Dem/Val exit criteria and accomplished two successful intercepts.

OTHER ADJUSTMENTS

COMMITTEE RECOMMENDED ADJUSTMENTS

Committee Recommendations.—The following table lists program recommendations proposed by the Committee. These adjustments reflect the following committee actions: elimination of funds requested for programs which are lower priority, duplicative or not supported by firm requirements or out-year development and procurement funds; deletion of excess funds based on program delays or slow execution; addition of funds to reflect congressional priorities and to rectify shortfalls in the budget request for activities; and implementation of recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 2000.

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
DEFENSE RESEARCH SCIENCES	64,293	66,293	+ 2,000
Spectral Hole Burning Applications		2,000	+ 2,000
UNIVERSITY RESEARCH INITIATIVES	216,778	221,778	+ 5,000
Anticorrosion Studies		1,500	+ 1,500
Advanced High Yield Software Development		1,500	+ 1,500
Active Hyperspectral Imaging Sensor Research Program		2,000	+ 2,000
DEPSCOR		(25,000)	(+ 25,000)
Personnel Research Institute		(2,000)	(+ 2,000)
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	31,386	35,386	+ 4,000
Chemical and Biological Detection Programs		4,000	+ 4,000
NEXT GENERATION INTERNET	40,000	31,000	– 9,000
Program Reduction		– 10,000	– 10,000
Next Generation Internet		1,000	+ 1,000
MEDICAL FREE ELECTRON LASER	9,719	12,000	+ 2,281
COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY	322,874	317,874	– 5,000
Image Understanding for Force Protection		– 8,000	– 8,000
Re-use Tech Adoption Program		3,000	+ 3,000
Computer Security Demos Using RNP and Redundancy		(500)	(+ 500)
EXTENSIBLE INFORMATION SYSTEMS	70,000	45,000	– 25,000
Deeply Networked Systems		– 25,000	– 25,000
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	64,780	74,780	+ 10,000
Chemical and Biological Detection Programs		10,000	+ 10,000
TACTICAL TECHNOLOGY	137,626	129,126	– 8,500
Simulated Battlefield Imagery		– 5,000	– 5,000
Affordable Rapid Response Missile Demonstration		– 6,000	– 6,000
Micro Adaptive Flow Control		– 2,500	– 2,500
Variable Diameter Tiltrotor		– 2,000	– 2,000
CEROS		7,000	+ 7,000
INTEGRATED COMMAND AND CONTROL TECHNOLOGY ..	31,296	41,296	+ 10,000
High Definition System (HDS)		10,000	+ 10,000
MATERIALS AND ELECTRONICS TECHNOLOGY	235,321	234,821	– 500
Reconfigurable Aperture		– 6,000	– 6,000
Fabrication of 3-D Micro Structures, including research on materials and processing issues		2,000	+ 2,000
Biodegradable Plastics		1,500	+ 1,500

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
Strategic Materials		2,000	+ 2,000
WMD RELATED TECHNOLOGY	203,512	218,512	+ 15,000
Thermionics		3,000	+ 3,000
Nuclear Weapons Effects		7,000	+ 7,000
Deep Digger		5,000	+ 5,000
EXPLOSIVES DEMILITARIZATION TECHNOLOGY	11,183	18,183	+ 7,000
Explosives Demilitarization Technology		7,000	+ 7,000
COUNTERTERROR TECHNICAL SUPPORT	52,223	59,223	+ 7,000
Facial Recognition Technology		3,000	+ 3,000
Testing of Air Blast and Improvised Explosives ..		4,000	+ 4,000
ADVANCED AEROSPACE SYSTEMS	19,664	14,664	— 5,000
Supersonic Miniature Air Launched Interceptor ...		— 5,000	— 5,000
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—			
ADV-DEV	40,910	42,410	+ 1,500
Biological Counter-terrorism Response Programs			
for emergency medical personnel		1,500	+ 1,500
SPECIAL TECHNICAL SUPPORT	10,948	15,948	+ 5,000
Complex Systems Development		5,000	+ 5,000
VERIFICATION TECHNOLOGY DEMONSTRATION	58,455	59,955	+ 1,500
Comprehensive Test Ban Treaty Verification		1,500	+ 1,500
GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	17,336	26,336	+ 9,000
Microelectronics		3,000	+ 3,000
Computer Assisted Technology Transfer		6,000	+ 6,000
STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	53,506	59,506	+ 6,000
Biosystems Technology		6,000	+ 6,000
COOPERATIVE DOD/VA MEDICAL RESEARCH		10,000	+ 10,000
ADVANCED ELECTRONICS TECHNOLOGIES	246,023	229,523	— 16,500
Change Detection Technology		3,000	+ 3,000
Distributed Robotics		— 5,000	— 5,000
Microelectromechanical Systems (MEMS)		— 20,000	— 20,000
Defense Techlink		1,500	+ 1,500
Center for Advanced Microstructures and Devices (CAMD)		4,000	+ 4,000
ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS	117,969	121,969	+ 4,000
Magnetic Bearing Cooling Turbine		4,000	+ 4,000
HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	159,099	166,099	+ 7,000
Multi-Thread Architecture System for High Performance Computing Modem		4,000	+ 4,000
High Performance Visualization Center		3,000	+ 3,000
COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	222,888	187,888	— 35,000
Advanced Intelligence, Surveillance and Reconnaissance; Active Templates; and JFACC		— 10,000	— 10,000
Command Post of the Future		— 5,000	— 5,000
Agile Control Environment		— 20,000	— 20,000
SENSOR AND GUIDANCE TECHNOLOGY	232,319	207,319	— 25,000
Large Millimeter Telescope		2,000	+ 2,000
Organic Ground Moving Target Radar		— 3,000	— 3,000
Low Cost Cruise Missile Defense		— 4,000	— 4,000
Affordable Moving Surface Target Engagement ..		— 20,000	— 20,000
LAND WARFARE TECHNOLOGY	97,825	93,825	— 4,000
Mobile Theater Operations Center		— 4,000	— 4,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
JOINT WARGAMING SIMULATION MANAGEMENT OFFICE	68,456	69,456	+ 1,000
Synthetic Range Study		1,000	+ 1,000
PHYSICAL SECURITY EQUIPMENT	37,107	32,107	— 5,000
Force Protection COTS Equipment		— 5,000	— 5,000
JOINT ROBOTICS PROGRAM	12,937	17,937	+ 5,000
Lightweight Robotic Vehicles		5,000	+ 5,000
ADVANCED SENSOR APPLICATIONS PROGRAM	15,345	26,345	+ 11,000
HAARP		5,000	+ 5,000
Solid State Dye Laser Applications		6,000	+ 6,000
CALS INITIATIVE	1,652	5,652	+ 4,000
CALS—INTEG Data Environment (IDE)		4,000	+ 4,000
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	62,033	69,033	+ 7,000
Bioadhesion Research to Combat Biological Warfare		2,000	+ 2,000
M93 A1 Fox Chemical Simulation Training Suites		5,000	+ 5,000
HUMANITARIAN DEMINING	15,847	18,847	+ 3,000
Deminig Technology for Unexploded Land Mines		3,000	+ 3,000
Humanitarian Demining		(1,800)	(+ 1,800)
JOINT ROBOTICS PROGRAM—EMD	12,004	17,004	+ 5,000
Vehicle Teleoperation		5,000	+ 5,000
JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	17,079	27,079	+ 10,000
Support Jamming AOA		10,000	+ 10,000
DEFENSE TECHNOLOGY ANALYSIS	4,974	9,974	+ 5,000
Commodity MGT System Consolidation (CMSC)		5,000	+ 5,000
INFORMATION SYSTEMS SECURITY PROGRAM	232,661	234,461	+ 1,800
Trusted Rubix Database Guard		1,800	+ 1,800
DEFENSE IMAGERY AND MAPPING PROGRAM	88,401	99,201	+ 10,800
Pacific Imagery Program for Exploitation		2,800	+ 2,800
NIMA View Joint Mapping Tool		8,000	+ 8,000
DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE)		6,000	+ 6,000
Pacific Disaster Center		6,000	+ 6,000
SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT	106,671	127,271	+ 20,600
Classified Programs		11,600	+ 11,600
CV-22 Accelerate P31		9,000	+ 9,000

COMMITTEE RECOMMENDED PROGRAM

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

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
RESEARCH DEVELOPMENT TEST & EVAL, DEFENSE-WIDE			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	2,033	2,033	.....
DEFENSE RESEARCH SCIENCES	64,293	66,293	+ 2,000
UNIVERSITY RESEARCH INITIATIVES	216,778	221,778	+ 5,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
GULF WAR ILLNESS	19,185	19,185	.....
GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEARCH	6,351	6,351	.....
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	31,386	35,386	+ 4,000
TOTAL, BASIC RESEARCH	340,026	351,026	+ 11,000
APPLIED RESEARCH:			
NEXT GENERATION INTERNET	40,000	31,000	— 9,000
SUPPORT TECHNOLOGIES—APPLIED RESEARCH	65,328	90,328	+ 25,000
MEDICAL FREE ELECTRON LASER	9,719	12,000	+ 2,281
HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU)	14,329	14,329	.....
LINCOLN LABORATORY RESEARCH PROGRAM	20,774	20,774	.....
COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY	322,874	317,874	— 5,000
EXTENSIBLE INFORMATION SYSTEMS	70,000	45,000	— 25,000
BIOLOGICAL WARFARE DEFENSE	145,850	145,850	.....
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	64,780	74,780	+ 10,000
TACTICAL TECHNOLOGY	137,626	129,126	— 8,500
INTEGRATED COMMAND AND CONTROL TECHNOLOGY	31,296	41,296	+ 10,000
MATERIALS AND ELECTRONICS TECHNOLOGY	235,321	234,821	— 500
WMD RELATED TECHNOLOGY	203,512	218,512	+ 15,000
MEDICAL TECHNOLOGY	8,903	8,903	.....
COMMAND AND CONTROL RESEARCH	1,968	1,968	.....
TOTAL, APPLIED RESEARCH	1,372,280	1,386,561	+ 14,281
ADVANCED TECHNOLOGY DEVELOPMENT:			
MEDICAL ADVANCED TECHNOLOGY	2,007	2,007	.....
EXPLOSIVES DEMILITARIZATION TECHNOLOGY	11,183	18,183	+ 7,000
COUNTERTERROR TECHNICAL SUPPORT	52,223	59,223	+ 7,000
COUNTERPROLIFERATION SUPPORT—ADV DEV	81,245	81,245	.....
SUPPORT TECHNOLOGIES—ADVANCED TECHNOLOGY DEVELOPMENT	173,704	215,704	+ 42,000
JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	14,786	14,786	.....
AUTOMATIC TARGET RECOGNITION	7,775	7,775	.....
ADVANCED AEROSPACE SYSTEMS	19,664	14,664	— 5,000
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEV	40,910	42,410	+ 1,500
SPECIAL TECHNICAL SUPPORT	10,948	15,948	+ 5,000
VERIFICATION TECHNOLOGY DEMONSTRATION	58,455	59,955	+ 1,500
GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	17,336	26,336	+ 9,000
STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	53,506	59,506	+ 6,000
JOINT WARFIGHTING PROGRAM	7,872	7,872	.....
COOPERATIVE DOD/VA MEDICAL RESEARCH .....	.....	10,000	+ 10,000
ADVANCED ELECTRONICS TECHNOLOGIES	246,023	229,523	— 16,500
ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS	117,969	121,969	+ 4,000
HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	159,099	166,099	+ 7,000
COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	222,888	187,888	— 35,000
SENSOR AND GUIDANCE TECHNOLOGY	232,319	207,319	— 25,000
MARINE TECHNOLOGY	22,538	22,538	.....
LAND WARFARE TECHNOLOGY	97,825	93,825	— 4,000
CLASSIFIED DARPA PROGRAMS	77,780	77,780	.....
JOINT WARGAMING SIMULATION MANAGEMENT OFFICE	68,456	69,456	+ 1,000
COUNTERPROLIFERATION SUPPORT	1,495	1,495	.....
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	1,798,006	1,813,506	+ 15,500
DEMONSTRATION & VALIDATION:			
PHYSICAL SECURITY EQUIPMENT	37,107	32,107	— 5,000
JOINT ROBOTICS PROGRAM	12,937	17,937	+ 5,000
ADVANCED SENSOR APPLICATIONS PROGRAM	15,345	26,345	+ 11,000
CALS INITIATIVE	1,652	5,652	+ 4,000

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM ..	23,260	23,260	.....
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—TMD	527,871	527,871	.....
NAVY THEATER WIDE MISSILE DEFENSE SYSTEM	329,768	379,768	+ 50,000
MEADS CONCEPTS—DEM/VAL	48,597	48,597	.....
BOOST PHASE INTERCEPT THEATER MISSILE DEFENSE ACQ .....	.....	20,000	+ 20,000
NATIONAL MISSILE DEFENSE—DEM/VAL	836,555	1,036,555	+ 200,000
JOINT THEATER MISSILE DEFENSE—DEM/VAL	195,722	215,722	+ 20,000
FAMILY-OF SYSTEMS ENGINEERING AND INTEGRATION	141,821	136,821	— 5,000
BMD TECHNICAL OPERATIONS	190,650	193,650	+ 3,000
INTERNATIONAL COOPERATIVE PROGRAMS	36,650	78,650	+ 42,000
THREAT AND COUNTERMEASURES	16,497	20,497	+ 4,000
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	62,033	69,033	+ 7,000
HUMANITARIAN DEMINING	15,847	18,847	+ 3,000
COALITION WARFARE	12,781	12,781	.....
TECHNICAL STUDIES, SUPPORT AND ANALYSIS	353	353	.....
TOTAL, DEMONSTRATION & VALIDATION	2,505,446	2,864,446	+ 359,000
ENGINEERING & MANUFACTURING DEVEL:			
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	116,365	116,365	.....
JOINT ROBOTICS PROGRAM—EMD	12,004	17,004	+ 5,000
ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS—JPO)	15,172	15,172	.....
JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	29,382	29,382	.....
COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE	16,976	16,976	.....
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—TMD—EMD	83,755	.....	— 83,755
PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION—EM	29,141	181,141	+ 152,000
NAVY AREA THEATER MISSILE DEFENSE—EMD	268,389	310,189	+ 41,800
TOTAL, ENGINEERING & MANUFACTURING DEVEL	571,184	686,229	+ 115,045
RD&E MANAGEMENT SUPPORT:			
UNEXPLODED ORDNANCE DETECTION AND CLEARANCE	1,226	1,226	.....
ASSESSMENTS AND EVALUATIONS	4,900	4,900	.....
TECHNICAL STUDIES, SUPPORT AND ANALYSIS	29,506	29,506	.....
TECHNICAL STUDIES, SUPPORT AND ANALYSIS	588	588	.....
USD(A&T)—CRITICAL TECHNOLOGY SUPPORT	2,215	2,215	.....
BLACK LIGHT	5,000	5,000	.....
GENERAL SUPPORT TO C ³ I	2,000	2,000	.....
FOREIGN MATERIAL ACQUISITION AND EXPLOITATION	34,937	74,937	+ 40,000
INDUSTRIAL CAPABILITIES ASSESSMENTS	3,299	3,299	.....
JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	17,079	27,079	+ 10,000
COUNTERPROLIFERATION SUPPORT	5,315	5,315	.....
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	24,043	24,043	.....
CLASSIFIED PROGRAMS—C ³ I	627	627	.....
SMALL BUSINESS INNOVATION RESEARCH ADMINISTRATION	1,713	1,713	.....
DEFENSE TECHNOLOGY ANALYSIS	4,974	9,974	+ 5,000
DEFENSE TECHNICAL INFORMATION SERVICES (DTIC)	46,655	46,655	.....
R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION	8,261	8,261	.....
MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	31,387	31,387	.....
TOTAL, RD&E MANAGEMENT SUPPORT	223,725	278,725	+ 55,000
OPERATIONAL SYSTEMS DEVELOPEMENT:			
C ³ INTEROPERABILITY	27,366	27,366	.....
JOINT ANALYTICAL MODEL IMPROVEMENT PROGRAM	1,024	1,024	.....
NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	613	613	.....
DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION	5,316	5,316	.....
LONG-HAUL COMMUNICATIONS (DCS)	1,316	1,316	.....
SUPPORT OF THE NATIONAL COMMUNICATIONS SYSTEM	4,274	4,274	.....
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	3,799	3,799	.....

[In thousands of dollars]

Item	2000 budget estimate	Committee recommendation	Change from budget estimate
INFORMATION SYSTEMS SECURITY PROGRAM	232,661	234,461	+ 1,800
C4I FOR THE WARRIOR	3,018	3,018	.....
C4I FOR THE WARRIOR	388	388	.....
JOINT SPECTRUM CENTER	8,823	8,823	.....
DEFENSE IMAGERY AND MAPPING PROGRAM	88,401	99,201	+ 10,800
FOREIGN COUNTERINTELLIGENCE ACTIVITIES	437	437	.....
DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE) .....	.....	6,000	+ 6,000
C ³ I INTELLIGENCE PROGRAMS	9,480	9,480	.....
AIRBORNE RECONNAISSANCE SYSTEMS	22,074	22,074	.....
MANNE RECONNAISSANCE SYSTEMS	8,494	8,494	.....
DISTRIBUTED COMMON GROUND SYSTEMS	1,000	1,000	.....
TACTICAL CRYPTOLOGIC ACTIVITIES	109,540	109,540	.....
INDUSTRIAL PREPAREDNESS	6,665	6,665	.....
MANAGEMENT HEADQUARTERS (OJCS)	9,531	9,531	.....
JOINT SIMULATION SYSTEM	18,421	18,421	.....
SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT	7,093	7,093	.....
SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT	7,990	7,990	.....
SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT	106,671	127,271	+ 20,600
SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	1,407	1,407	.....
SOF MEDICAL TECHNOLOGY DEVELOPMENT	2,039	2,039	.....
SOF OPERATIONAL ENHANCEMENTS	62,567	62,567	.....
CLASSIFIED PROGRAMS	1,048,214	1,155,214	+ 107,000
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	1,798,622	1,944,822	+ 146,200
TOTAL, RESEARCH DEVELOPMENT TEST & EVAL, DEFENSE-WIDE	8,609,289	9,325,315	+ 716,026

DEVELOPMENTAL TEST AND EVALUATION, DEFENSE

Appropriations, 1999	\$258,606,000
Budget estimate, 2000	253,457,000
Committee recommendation	251,957,000

The Committee recommends an appropriation of \$251,957,000 for the "Developmental test and evaluation, defense" account, a decrease of \$1,500,000 from the budget request.

COMMITTEE RECOMMENDED ADJUSTMENT

Central Test and Evaluation Investment Program (CTEIP).—The Committee provides \$120,241,000, a decrease of \$1,500,000 to the budget request. The Committee adds \$13,500,000 only to fund the Army's Roadway Simulator at the Aberdeen Test Center. The Committee also has deleted \$15,000,000 from the Resource Enhancement Project (REP). The Committee understands the difficulty in programing and budgeting short-term emergent T&E requirements within REP. The Committee is concerned that REP funds are being used for recurrent and longer-term projects. The Committee believes that most, if not all, of these projects should be funded by the individual services.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Appropriations, 1999	\$34,245,000
Budget estimate, 2000	24,434,000
Committee recommendation	34,434,000

The Committee recommends an appropriation of \$34,434,000 for the “Operational test and evaluation, defense” account an increase of \$10,000,000 to the budget request.

COMMITTEE RECOMMENDED ADJUSTMENT

Live Fire Testing.—The Committee provides \$10,000,000 only for continuation of the Live Fire Testing and Training Initiative (LFT&I). The Committee is encouraged by efforts within the Department to enhance testing technologies with modeling and simulation.

TITLE V

REVOLVING AND MANAGEMENT FUNDS

The Committee recommends appropriations totaling \$445,044,000 for title V, revolving and management funds.

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, 1999	\$94,500,000
Budget estimate, 2000	90,344,000
Committee recommendation	90,344,000

NATIONAL DEFENSE SEALIFT FUND

Appropriations, 1999	\$706,366,000
Budget estimate, 2000	354,700,000
Committee recommendation	354,700,000

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 \$257,000,000 for Ready Reserve Force and \$97,000,000 for acquisition activities in fiscal year 1999.

National Defense Features Program.—The budget included no funds for National Defense Features, a program to modify commercial ships to allow them to be used for national defense purposes. The Committee has long supported this program believing there might be opportunities in the commercial marketplace to attain militarily useful vessels for a relatively small investment. The Committee is aware of a new proposal which would establish a program for sealift similar to the Commercial Reserve Air Fleet (CRAF). The Committee believes the Defense Department should examine opportunities to create a program like CRAF for sealift and directs the Department to study the issue and report back to the congressional defense committees no later than March 1, 2000.

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

Appropriations, 1999	\$780,150,000
Budget estimate, 2000	1,169,000,000
Committee recommendation	1,029,000,000

The Committee recommends an appropriation of \$1,029,000,000 for the “Chemical agents and munitions destruction, Army” account for fiscal year 2000, a decrease of \$140,000,000 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 2000 budget request includes \$334,000,000 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 \$294,000,000, a decrease of \$40,000,000 below the budget request.

BUDGET ACTIVITY 2—PROCUREMENT

Procurement.—The Department requested \$241,500,000 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 \$191,500,000 for procurement activities in fiscal year 2000, a reduction of \$50,000,000 from the budget request.

BUDGET ACTIVITY 3—OPERATIONS AND MAINTENANCE

Operation and maintenance.—The fiscal year 2000 budget request includes \$593,500,000 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 \$543,500,000 a decrease of \$50,000,000 below the budget request.

PROGRAM OVERSIGHT AND MANAGEMENT

The Committee is concerned with the lack of oversight afforded the Chemical Demilitarization Program within the executive branch. For example, at the end of fiscal year 1998, the Department of Defense informed the Committee that funds were unavailable for reprogramming to allow for the demonstration of alternative technologies to baseline incineration. More recently, the Office of Management and Budget informed the Committee that due to Congressional reductions to the fiscal year 1999 budget request, OMB was unable to identify available funds in the Chemical Demilitarization program to reprogram to fund additional demonstration projects.

In a review of the program's funding, the Committee discovered that funds had systematically been obligated without being expended and in some instances funds were unobligated. Rather than facing a shortfall in funding, the program had over \$200,000,000 of Operation and Maintenance funds unexpended at the end of fiscal year 1998. In light of the unobligated and unexpended balances available to the Department, the program growth in the budget request is not justified. The Committee has extended the availability of Operation and Maintenance funds available in fiscal year 2000 to the Department of Defense.

Accordingly, the Committee requires the following report: not later than one hundred and twenty days from enactment of this Act, the Secretary of Defense shall submit a report to the defense committees which describes the actions taken to improve budget execution within the Chemical Demilitarization program. After identifying these actions, the report shall describe the unexpended obligations and unobligated balances available within the Chemical Demilitarization program by activity and fiscal year.

ACWA.—The Committee continues to support the expeditious and complete execution of the Assembled Chemical Weapons Assessment program.

DEFENSE HEALTH PROGRAM

Appropriations, 1999	\$10,149,872,000
Budget estimate, 2000	10,834,657,000
Committee recommendation	11,184,857,000

The Committee recommends \$11,184,857,000 for the Defense Health Program (DHP), an amount \$350,200,000 above the budget request.

SUMMARY OF COMMITTEE ADJUSTMENTS

Operation and maintenance

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Alaska Federal Health Care Partnership (AFHCAN) Telemedicine Network	+ 1,400
Uniformed Services University of the Health Sciences (USUHS)	(6,300)
Graduate School of Nursing	+ 2,300
Tri Service Nursing Research Program	+ 6,000
Pacific Island Health Care	+ 5,000
Center for Disaster Management and Humanitarian Assistance (CDMHA)	+ 5,000
Casualty Care Research Center	(760)
Military Health Services Information Management	+ 10,000
Brown Tree Snakes	+ 1,000
PACMEDNET	+ 12,000
Automated Clinical Practice Guidelines	+ 7,500
Total	+ 50,200

Uniformed Services University of the Health Sciences (USUHS).—The Committee recommends \$6,300,000 from within Defense Health Program funds to meet funding requirements for USUHS.

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

Tri-Service Nursing Research Program.—The Committee recommends \$6,000,000 for the Tri-Service Nursing Research Program. Within these funds, the Committee encourages the Department to establish an advanced practice registered nurse program at DoD and DVA facilities that leverages telehealth and distance learning capabilities. Further, the Committee encourages the Department to begin funding the Tri-Service Nursing Research Program in the Department's annual budget.

Center for Disaster Management and Humanitarian Assistance (CDMHA).—The Committee recommends \$5,000,000 to continue the Center for Disaster Management and Humanitarian Assistance. Within these funds, \$760,000 is to fund the Casualty Care Research Center.

PACMEDNET.—The Committee recommends \$12,000,000 to continue the support of prototyping, demonstration, validation and maturation of technology through the PACMEDNET program.

Outcome Driven Health Care and Information Systems for the Military.—The Committee is aware that due to the nature of military service and the frequent moves of service members and their families, important medical information is often scattered, incomplete and disjointed. Most health care systems treat only the illness at hand, and so it is difficult if not impossible to assess treatment outcomes over a long period of time. The Committee encourages the Department to make available up to \$6,000,000 to support the development of a model outcome driven health care capability by integrating an electronic medical record and outcome analysis capabilities.

Post-Doctoral Education.—The Committee encourages the Department to increase and consolidate postdoctoral training for psy-

chologists in military medical centers with an independent department of psychology.

Childhood Asthma.—The Committee recognizes that asthma continues to be a potentially devastating disease that leads to high use of medical resources. The Committee encourages the Army's continued research in practice guidelines, patient education and self care models that would facilitate better quality of life and cost effective outcomes.

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

DVA and Tripler Telehealth Programs.—With the co-location of the Veteran's Administration Hospital at Tripler Army Medical Center, the Committee encourages the Department and the Veteran's Health Administration to consolidate and coordinate telehealth programs to ensure that resources are efficiently applied.

Dual Use Technology Program.—The Committee encourages the Army to initiate a dual use technology program in the emerging fields of voice recognition or wireless technology in support of medical applications.

Government Computerized Patient Record (G-CPR).—The Committee recognizes efforts made on the G-CPR and encourages the Department to select technology savvy environments and existing collaborative partnerships for pilot implementation.

Graduate School of Nursing.—The Committee encourages USUHS to provide support to the virtual reality human anatomy program, and to continue its development as an educational tool with a corresponding curriculum to enhance educational programs in the military health system.

Graduate Medical Education (GME).—The Committee is concerned with the equitable distribution of funds for graduate medical education for all health professions, including nursing. The Committee directs the Department to provide a report by March 1, 2000 on the amount and distribution of funds spent on graduate medical education.

DOD/DVA Distance Learning Pilot Project.—The Committee encourages the Department to continue the DoD/DVA distance learning pilot project to transition clinical nurse specialists to the role of nurse practitioners. The Committee directs the Department to provide a report by March 1, 2000, on the progress of this project.

Behavioral Research.—The Committee is concerned with the continuing erosion of the Department's support for research on individual and group performance, leadership, communication, human-machine interfaces, and decision-making. The Committee encourages an evaluation on the application of behavioral, cognitive and social science research in the military, and the benefits of this research to military performance. The Committee directs the Department to provide a report by March 1, 2000, detailing this evaluation and including a plan with recommendations to strengthen this research across the military services.

Containing the Cost of Health Care.—The Committee is concerned with the continued growth in military health care expenditures, and is aware of computer-based simulation modeling capability that could contain health care costs while maintaining health

care quality and access. This modeling would design and evaluate effective health system reengineering alternatives and develop effective alternative health management practices and procedures as a means of health cost containment. The Committee directs the Department to conduct a comprehensive evaluation of such modeling capability and health care reengineering, specifically addressing the potential for health care cost savings, and provide a report to the Committee by March 1, 2000.

Smoking Cessation.—Last year, the Congress granted the Department the authority to provide effective tobacco cessation products and counseling for members of the Armed Forces and their dependents, including retired members, in a manner that does not impose the majority of the cost on the individual. The Department has established a limited number of pilot programs to evaluate the effectiveness of this concept. The Committee directs the Department to substantially increase the number of pilot programs so that a greater number of individuals could benefit from this program, with the goal of full access by January, 2001. The Committee directs the Department to submit a report by March 1, 2000 on the status of this pilot program, and a plan to implement a similar program throughout the Department.

Anthrax Vaccine Adverse Reaction Reporting.—The Committee is concerned about reports that some service members who receive the anthrax vaccine through the Department's Anthrax Vaccination Immunization Program (AVIP) have not had access to methods of reporting, or may have been discouraged from reporting, adverse reactions associated with the vaccination. The Centers for Disease Control's Vaccine Adverse Events Reporting System (VAERS) should be available to all service members so that there will be an accurate and complete report of adverse reactions to the anthrax vaccine. The Committee directs the Department to take all necessary steps to ensure that service members are fully informed of the VAERS system, and to continue efforts to design longitudinal follow-up studies of the anthrax vaccine. The Committee directs the Department to report by March 1, 2000 on the actions taken to implement this direction.

Research, development, test and evaluation

[In thousands of dollars]

<i>Program</i>	<i>Committee adjustment</i>
Breast Cancer Research Program (BCRP)	+ 175,000
Prostate Cancer Research Program (PCRP)	+ 75,000
Peer Reviewed Medical Research	+ 50,000
Total	+ 300,000

The Committee applauds the medical research and development efforts and accomplishments of the Department of Defense, and recommends \$300,000,000 for medical RDT&E efforts to be conducted by the Department. Within these funds, \$175,000,000 is for the Breast Cancer Research Program (BCRP), and \$75,000,000 is for the Prostate Cancer Research Program (PCRP).

The remaining funds of \$50,000,000 are to be made available for peer reviewed medical research grants and activities. The Committee directs that the Secretary of Defense, in conjunction with

the service Surgeons General, establish a process to select medical research projects of clear scientific merit and direct relevance to military health.

Such projects could include: acute lung injury research; advanced soft tissue modeling; alcohol abuse prevention research; alcoholism research; brain injury; childhood asthma; cognitive neuroscience; diabetes; digital mammography imaging; disease management demonstration; enzymatic wound disinfectants; neurofibromatosis; osteoporosis and bone disease; ovarian cancer; polynitroxylated hemoglobin; smoking cessation; stem cell research; and tissue regeneration for combat casualty care.

The Committee directs the Department to provide a report by March 1, 2000, on the status of this peer reviewed medical research program, to include the corresponding funds provided in fiscal year 1999.

ARMED FORCES RETIREMENT HOME

Appropriations, 1999	\$70,745,000
Budget estimate, 2000	68,295,000
Committee recommendation	68,295,000

The Committee recommends authority to expend \$68,295,000 from the Armed Forces Retirement Home trust fund for operation and construction activities at the United States Soldiers' and Airmen's Home and the United States Naval Home. This amount is equal to the budget request.

DRUG INTERDICTION AND COUNTERDRUG ACTIVITIES, DEFENSE

Appropriations, 1999	\$735,582,000
Budget estimate, 2000	788,100,000
Committee recommendation	842,300,000

The Committee recommends an appropriation of \$842,300,000 in title VI, Counternarcotics and Drug Interdiction Program for fiscal year 2000, an amount \$54,200,000 above the requested fiscal year 2000 level.

SUMMARY OF COMMITTEE ADJUSTMENTS

	<i>In thousands</i>
National Guard counterdrug support	+ \$20,000
Gulf States initiative/Regional CD Training Academy	+ 10,000
Marijuana eradication	+ 6,000
Counterdrug intelligence and infrastructure support	+ 50,000
R-OTHR study	+ 1,000
Ground-based radars	- 5,000
Forward operating locations transfer	- 42,800
Northeast Regional Counterdrug Training Center	+ 2,000
Counternarcotics Center at Hammer	+ 8,000

National Guard activities.—The Committee recognizes the valuable contribution the National Guard makes to the counterdrug effort and provides an additional \$20,000,000. This augment reflects a continuing requirement to adequately fund the National Guard's contribution and the Committee directs the Department to include this level of funding at a minimum, commencing with the fiscal year 2001 budget submission.

Of these additional funds, the Committee urges the New Jersey National Guard to participate in Crack House Demolition and related missions in the New Jersey High Intensity Drug Trafficking Area (HIDTA).

Drug Free Century Act.—In order to support the initiative outlined in S. 5, the Drug Free Century Act, to significantly reduce the flow of cocaine and heroin into the United States, the Committee has provided an additional \$50,000,000 for counterdrug intelligence and infrastructure support. Additionally, \$1,000,000 has been included to fund a study assessing the utility of an additional Relocatable Over The Horizon Radar (ROTHR) site to enhance transit and source zone monitoring. The Department is to report to the defense committees, by February 15, 2000 addressing site surveys of potential locations, resource requirements and a detailed time line if this is deemed to be an effective additional deterrence tool.

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 \$10,000,000 to support the Gulf States counterdrug initiative and the Regional Counterdrug Training Academy [RCTA]. These funds will provide for sustainment and support costs, improvements to the existing processing and analysis centers in Alabama, Georgia, Louisiana, and Mississippi, modernization and hardware/software upgrades, and a systems application program.

Civil Air Patrol.—Funds made available to the Civil Air Patrol [CAP] in the fiscal year 2000 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, and for any directly associated administrative costs. The Air Force should waive reimbursement from Federal, State, and local government agencies for use of these funds.

Illegal Narcotic Crop Cultivation.—The Committee is aware that the Field Museum of Natural History in Chicago, IL has well-established expertise in both evaluating different land-use practices and educating local governments and non-governmental organizations about sustainable alternatives to growing narcotic crops. Subsequently, the Committee encourages the Department to support a Field Museum-sponsored research and inventory expedition in South America to evaluate the viability of alternative crops to illegal narcotic crop cultivation.

OFFICE OF THE INSPECTOR GENERAL

Appropriations, 1999	\$132,064,000
Budget estimate, 2000	140,844,000
Committee recommendation	137,544,000

The Committee recommends an appropriation of \$137,544,000 for fiscal year 2000. This amount is \$3,300,000 below the budget request.

TITLE VII RELATED AGENCIES

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

Appropriations, 1999	\$201,500,000
Budget estimate, 2000	209,100,000
Committee recommendation	209,100,000

The Committee recommends \$209,100,000, 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, 1999	\$129,123,000
Budget estimate, 2000	149,415,000
Committee recommendation	149,415,000

The Committee recommends \$149,415,000 for the community management staff.

NATIONAL SECURITY EDUCATION TRUST FUND

Appropriations, 1999	\$3,000,000
Budget estimate, 2000	8,000,000
Committee recommendation	8,000,000

The Committee appropriates \$8,000,000 from the national security education trust fund for continuation of this program.

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

Appropriations, 1999	\$25,000,000
Budget estimate, 2000	15,000,000
Committee recommendation	35,000,000

The Committee recommends \$35,000,000 for the Kaho'olawe Island conveyance, remediation, and environmental restoration trust fund.

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 and modifies 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 for several programs as noted in the section.

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 and modifies 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 and modifies 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 re-enlistment bonus*.—Retains a provision carried in previous years.

SEC. 8022. *Relocations into the NCR*.—Retains a provision carried in previous years.

SEC. 8023. *Reserve component travel*.—Retains a provision carried in previous years.

SEC. 8024. *Indian Financing Act incentives*.—Retains and modifies a provision carried in previous years.

SEC. 8025. *Military leave for members of the Reserve component*.—Retains a provision carried in previous years.

SEC. 8026. *A-76 studies*.—Retains a provision carried in previous years.

SEC. 8027. *American Forces Information Service*.—Retains a provision carried in previous years.

SEC. 8028. *Wage rate—civilian health*.—Retains a provision carried in previous years.

SEC. 8029. *WC-130 weather reconnaissance*.—Retains a provision carried in previous years.

SEC. 8030. *Workshops for the blind and handicapped*.—Retains a provision carried in previous years.

SEC. 8031. *CHAMPUS coordination of benefits*.—Retains a provision carried in previous years.

SEC. 8032. *Burdensharing*.—Retains a provision carried in previous years. The Department shall report to the Committee no later than December 1, 1999, the amounts received from the Government of Kuwait during fiscal years 1998–99, and the amount of anticipated to be collected in fiscal year 2000.

SEC. 8033. *Civil Air Patrol*.—Retains and modifies a provision and modifies amounts appropriated for the Civil Air Patrol.

SEC. 8034. *Federally funded research and development centers*.—Retains and modifies a provision carried in previous years.

SEC. 8035. *Carbon, alloy, or armor steel plate*.—Retains and modifies provision carried in previous years.

SEC. 8036. *Congressional defense committees definition*.—Retains and modifies a provision carried in previous years.

SEC. 8037. *Depot maintenance competition*.—Retains and modifies a provision carried in previous years.

SEC. 8038. *Reciprocal trade agreements*.—Retains a provision carried in previous years.

SEC. 8039. *Energy cost savings*.—Retains a provision carried in previous year.

SEC. 8040. *Non-excess property leases*.—Retains a provision carried in previous years.

SEC. 8041. *Quarters allowance for the Reserve component.*—Retains a provision carried in previous years.

SEC. 8042. *Salaries/expenses of administrative activities.*—Retains a provision carried in previous years.

SEC. 8043. *Young Marines Program.*—Retains a provision carried in previous years.

SEC. 8044. *Overseas military facility investment.*—Retains and modifies a provision carried in previous years.

SEC. 8045. *NATO headquarters operating costs.*—Retains and modifies a provision carried in previous years.

SEC. 8046. *Investment item unit cost.*—Retains a provision requested by the administration and carried in previous years.

SEC. 8047. *Defense Working Capital Fund/Investment Item.*—Retains and modifies a provision made in previous years.

SEC. 8048. *CIA availability of funds.*—Retains and modifies a provision carried in previous years.

SEC. 8049. *GDIP information system.*—Retains a provision carried in previous years.

SEC. 8050. *Indian tribes environmental impact.*—Retains a provision carried in previous years.

SEC. 8051. *National Science Center for Communications.*—Retains a provision carried in previous years.

SEC. 8052. *Medical facilities commander.*—Retains a provision carried in previous years.

SEC. 8053. *Compliance With the Buy America Act.*—Retains a provision requested by the administration and carried in previous years.

SEC. 8054. *Competition for consultants and studies programs.*—Retains a provision requested by the administration and carried in previous years.

SEC. 8055. *Field operating agencies.*—Retains and modifies a provision carried in previous years.

SEC. 8056. *Intelligence authorization.*—Retains a provision carried in previous years.

SEC. 8057. *Adak leasing.*—Retains and modifies a provision carried in previous years.

SEC. 8058. *Rescissions.*—The Committee recommends a general provision rescinding funds from prior years.

SEC. 8059. *Civilian technicians reductions.*—Retains a provision carried in previous years.

SEC. 8060. *Prohibition on assistance to North Korea.*—Retains a provision carried in previous years.

SEC. 8061. *National Guard counter-drug activities.*—Retains a provision carried in previous years.

SEC. 8062. *Reimbursement for Reserve component intelligence personnel.*—Retains and modifies a provision carried in previous years.

SEC. 8063. *Civilian medical personnel reductions.*—Retains a provision carried in previous years.

SEC. 8064. *Pentagon renovation cost ceiling.*—Retains and modifies a provision carried in previous years.

SEC. 8065. *Counter-drug activities transfer.*—Retains a provision carried in previous years.

SEC. 8066. *Energy and water efficiency.*—Retains a provision carried in previous years.

SEC. 8067. *Ball and roller bearings*.—Retains a provision carried in previous years.

SEC. 8068. *American Samoa transfer*.—Retains and modifies a provision carried in previous years.

SEC. 8069. *Buy American computers—supercomputers*.—Retains a provision carried in previous years.

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

SEC. 8071. *National Training Center*.—Retains a provision carried in previous years.

SEC. 8072. *Peacekeeping costs of the United Nations*.—Retains a provision carried in previous years.

SEC. 8073. *Restrictions on transfer of equipment and supplies*.—Retains a provision carried in previous years.

SEC. 8074. *Export Loan Guarantee Program*.—Retains a provision carried in previous years.

SEC. 8075. *Contractor bonuses due to business restructuring*.—Retains and modifies a provision carried in previous years.

SEC. 8076. *Transportation of chemical weapons*.—Retains and modifies 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 cost adjustment*.—Retains and modifies a provision and modifies funding transfers for ship cost adjustments.

SEC. 8082. *Facilities supervision and administrative costs*.—Retains a provision carried in previous years.

SEC. 8083. *Asia Pacific Center*.—Retains a provision carried in previous years.

SEC. 8084. *National Guard distance learning*.—Retains a provision carried in previous years.

SEC. 8085. *Heating Plants in Europe*.—Retains a provision carried in previous years.

SEC. 8086. *Crediting of travel card refunds*.—Retains a provision carried in previous years.

SEC. 8087. *Prompt Payment Act interest penalties*.—Retains a provision carried in previous years.

SEC. 8088. *Buy American waivers*.—Retains a provision carried in previous years.

SEC. 8089. *Civil Air Patrol Counter-drug Program*.—Retains and modifies provisions carried in previous year.

SEC. 8090. *Tricare Contracts Extension*.—Retains and modifies provisions carried in previous year.

SEC. 8091. *Revised economic assumptions*.—Retains and modifies provisions carried in previous years.

SEC. 8092. *Training of Security Forces of a Foreign Country*.—Retains and modifies provisions carried in previous year.

SEC. 8093. *Surplus Dental Equipment*.—Retains and modifies provisions carried in previous year.

SEC. 8094. *Civilian personnel under-execution*.—Committee includes a provision concerning civilian personnel under-execution.

SEC. 8095. *Foreign Currency Savings*.—Retains and modifies provisions carried in previous year.

SEC. 8096. *Fuel Repricing Savings*.—Retains and modifies provisions carried in previous year.

SEC. 8097. *Family Housing at Fort Buchanan, PR*.—Retains and modifies provisions carried in previous year.

SEC. 8098. *Lost and canceled Treasury checks*.—The Committee includes a new provision which allows for the replacement of lost checks.

SEC. 8099. *Leasing Authority for National Guard Bureau*.—Inserts a new provision which allows the Chief of the National Guard Bureau to waive payment in the lease of personal property to Federal, State or local government, and youth or charitable organization.

SEC. 8100. *Pacific Disaster Center*.—The Committee recommends a new provision which restates the mission of the Pacific Disaster Center and provides authority to the Secretary of Defense to establish public-private partnerships among the Center, government, and non-government activities to allow PDC to better utilize its products, information, facilities and knowledge of organizational development of a disaster information center and other resources. PDC has created products and services which are of significant value to outside entities, but, without legislation, the Center cannot sell them. The Committee is encouraged by the activities of PDC and wants to limit the amount of federal funding that is required to develop, operate and maintain the center in the future by affording it the opportunity to generate external revenue. The Committee expects the PDC to pursue a long-term structure that provides for its self-sustainment through a government-owned contractor operated, government corporation, not-for-profit, public-private partnership, or commercial entity.

To carry out this partnership, the Center would be allowed to seek and receive funding from different entities to include foreign governments. PDC may enter into agreements with institutions of higher education; Federal, State or local government agencies; not-for-profit entities or other cooperative funded activities; and private or corporate entities to provide for joint operation and development of PDC. The Center may also engage in activities and partnerships for profit, as appropriate and within existing law, in pursuing economic opportunities domestically and internationally providing emergency management products and services including operational analysis, systems engineering, development engineering, training, vulnerability assessment and consequence modeling, disaster analysis, policy support, management consultation, infrastructure planning and protection, military and civil emergency management, humanitarian assistance, and disaster relieve information support planning and execution and information brokering.

SEC. 8101. *Supplemental Funding for Military Personnel*.—Inserts a new provision which reduces Title I appropriations to reflect amounts appropriated in H.R. 1141, as enacted.

SEC. 8102. *Environmental Contracting*.—Inserts a new provision which directs limits the funding that can be obligated to indefinite delivery/indefinite quantity environmental contracts.

SEC. 8103. *Elmendorf Air Force Base*.—Inserts a new provision which allows for the realignment of railroad track.

SEC. 8104. *Combating Terrorism*.—Inserts a new provision establishing a minimum funding level for counter-terrorism activities.

SEC. 8105. *Alcoholic beverages*.—Inserts a provision included in previous years which directs the local procurement of alcoholic beverages sold on military installations in States which are not contiguous.

SEC. 8106. *Aircraft Leasing*.—Inserts a provision to provide the Air Force the necessary authority to negotiate leases for support aircraft.

SEC. 8107. *Spectrum Auctions*.—The Committee recommends a provision that permits the acceleration of certain spectrum auctions, as proposed by the President.

SEC. 8108. *Operation and maintenance and procurement activities*.—The Committee includes a provision that permits the Department to carry over funds provided in Public Law 105–277 and Public Law 106–31 for operation and maintenance and procurement activities during fiscal year 2000.

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, an original fiscal year 2000 Department of Defense Appropriations bill (S. 1122), the fiscal year 2000 section 302(b) allocation, and H.R. 1664, by recorded vote of 24–3, a quorum being present.

Yeas	Nays
Chairman Stevens	Mr. Dorgan
Mr. Cochran	Mrs. Feinstein
Mr. Domenici	Mr. Durbin
Mr. Bond	
Mr. Gorton	
Mr. McConnell	
Mr. Burns	
Mr. Shelby	
Mr. Gregg	
Mr. Bennett	
Mr. Campbell	
Mr. Craig	
Mrs. Hutchison	
Mr. Kyl	
Mr. Byrd	
Mr. Inouye	
Mr. Hollings	
Mr. Leahy	
Mr. Lautenberg	

Mr. Harkin
Ms. Mikulski
Mr. Reid
Mr. Kohl
Mrs. Murray

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 1999 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2000
[In thousands of dollars]

Item	1999 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or —)	
				1999 appropriation	Budget estimate
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army	20,841,687	22,006,632	22,041,094	+ 1,199,407	+ 34,462
Military Personnel, Navy	16,570,754	17,207,481	17,236,001	+ 665,247	+ 28,520
Military Personnel, Marine Corps	6,263,387	6,544,682	6,562,336	+ 298,949	+ 17,654
Military Personnel, Air Force	17,211,987	17,899,685	17,873,759	+ 661,772	— 25,926
Reserve Personnel, Army	2,167,052	2,270,964	2,278,696	+ 111,644	+ 7,732
Reserve Personnel, Navy	1,426,663	1,446,339	1,450,788	+ 24,125	+ 4,449
Reserve Personnel, Marine Corps	406,616	409,189	410,650	+ 4,034	+ 1,461
Reserve Personnel, Air Force	852,324	881,170	884,794	+ 32,470	+ 3,624
National Guard Personnel, Army	3,489,987	3,570,639	3,622,479	+ 132,492	+ 51,840
National Guard Personnel, Air Force	1,377,109	1,486,512	1,494,496	+ 117,387	+ 7,984
Total, title I, Military Personnel	70,607,566	73,723,293	73,855,093	+ 3,247,527	+ 131,800
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army	17,185,623	18,610,994	19,161,852	+ 1,976,229	+ 550,858
(By transfer—National Defense Stockpile)	(50,000)	(50,000)	(50,000)	.....	.....
(By transfer—Pentagon Renovation Transfer Fund)	(— 96,000)	.....	.....	(+ 96,000)	.....
Operation and Maintenance, Navy	21,872,399	22,188,715	22,841,510	+ 969,111	+ 652,795
(By transfer—National Defense Stockpile)	(50,000)	(50,000)	(50,000)	.....	.....
(By transfer—Pentagon Renovation Transfer Fund)	(— 32,087)	.....	.....	(+ 32,087)	.....
Operation and Maintenance, Marine Corps	2,578,718	2,558,929	2,758,139	+ 179,421	+ 199,210

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1999 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2000—Continued

[In thousands of dollars]

Item	1999 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				1999 appropriation	Budget estimate
(By transfer—Pentagon Renovation Transfer Fund)	(- 9,513)	.....	.....	(+ 9,513)	.....
Operation and Maintenance, Air Force	19,021,045	20,313,203	20,760,429	+ 1,739,384	+ 447,226
(By transfer—National Defense Stockpile)	(50,000)	(50,000)	(50,000)	.....	.....
(By transfer—Pentagon Renovation Transfer Fund)	(- 52,200)	.....	.....	(+ 52,200)	.....
Operation and Maintenance, Defense-Wide	10,914,076	11,419,233	11,537,333	+ 623,257	+ 118,100
(By transfer—Pentagon Renovation Transfer Fund)	(- 90,020)	.....	.....	(+ 90,020)	.....
Operation and Maintenance, Army Reserve	1,202,622	1,369,213	1,438,776	+ 236,154	+ 69,563
Operation and Maintenance, Navy Reserve	957,239	917,647	946,478	- 10,761	+ 28,831
Operation and Maintenance, Marine Corps Reserve	117,893	123,266	126,711	+ 8,818	+ 3,445
Operation and Maintenance, Air Force Reserve	1,747,696	1,728,437	1,760,591	+ 12,895	+ 32,154
Operation and Maintenance, Army National Guard	2,678,015	2,903,549	3,156,378	+ 478,363	+ 252,829
Operation and Maintenance, Air National Guard	3,106,933	3,099,618	3,229,638	+ 122,705	+ 130,020
Overseas Contingency Operations Transfer Fund	439,400	2,387,600	2,087,600	+ 1,648,200	- 300,000
United States Court of Appeals for the Armed Forces	7,324	7,621	7,621	+ 297	.....
Environmental Restoration, Army	370,640	378,170	378,170	+ 7,530	.....
Environmental Restoration, Navy	274,600	284,000	284,000	+ 9,400	.....
Environmental Restoration, Air Force	372,100	376,800	376,800	+ 4,700	.....
Environmental Restoration, Defense-Wide	26,091	25,370	25,370	- 721	.....
Environmental Restoration, Formerly Used Defense Sites	225,000	199,214	239,214	+ 14,214	+ 40,000
Overseas Humanitarian, Disaster, and Civic Aid	50,000	55,800	55,800	+ 5,800	.....
Former Soviet Union Threat Reduction	440,400	475,500	475,500	+ 35,100	.....
Pentagon Renovation Transfer Fund .....	.....	.....	246,439	+ 246,439	+ 246,439
Pentagon Renovation Transfer Fund (by transfer)	(279,820)	.....	.....	(- 279,820)	.....
Quality of Life Enhancements, Defense	455,000	1,845,370	.....	- 455,000	- 1,845,370
Total, title II, Operation and maintenance	84,042,814	91,268,249	91,894,349	+ 7,851,535	+ 626,100

(By transfer)	(150,000)	(150,000)	(150,000)	.....	.....
TITLE III					
PROCUREMENT					
Aircraft Procurement, Army	1,388,268	1,229,888	1,440,788	+ 52,520	+ 210,900
Missile Procurement, Army	1,226,335	1,358,104	1,267,698	+ 41,363	— 90,406
Procurement of Weapons and Tracked Combat Vehicles, Army	1,548,340	1,416,765	1,526,265	— 22,075	+ 109,500
Procurement of Ammunition, Army	1,065,955	1,140,816	1,145,566	+ 79,611	+ 4,750
Other Procurement, Army	3,339,486	3,423,870	3,658,070	+ 318,584	+ 234,200
Aircraft Procurement, Navy	7,541,709	8,228,655	8,608,684	+ 1,066,975	+ 380,029
Weapons Procurement, Navy	1,211,419	1,357,400	1,423,713	+ 212,294	+ 66,313
Procurement of Ammunition, Navy and Marine Corps	484,203	484,900	510,300	+ 26,097	+ 25,400
Shipbuilding and Conversion, Navy	6,035,752	6,678,454	7,178,454	+ 1,142,702	+ 500,000
Other Procurement, Navy	4,072,662	4,100,091	4,184,891	+ 112,229	+ 84,800
Procurement, Marine Corps	874,216	1,137,220	1,236,620	+ 362,404	+ 99,400
Aircraft Procurement, Air Force	8,095,507	9,302,086	9,758,333	+ 1,662,826	+ 456,247
Missile Procurement, Air Force	2,069,827	2,359,608	2,338,505	+ 268,678	— 21,103
Procurement of Ammunition, Air Force	379,425	419,537	427,537	+ 48,112	+ 8,000
Other Procurement, Air Force	6,960,483	7,085,177	7,198,627	+ 238,144	+ 113,450
Procurement, Defense-Wide	1,944,833	2,128,967	2,327,965	+ 383,132	+ 198,998
National Guard and Reserve Equipment	352,000	.....	300,000	— 52,000	+ 300,000
Total, title III, Procurement	48,590,420	51,851,538	54,532,016	+ 5,941,596	+ 2,680,478
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army	5,031,788	4,426,194	4,905,294	— 126,494	+ 479,100
Research, Development, Test and Evaluation, Navy	8,636,649	7,984,016	8,448,816	— 187,833	+ 464,800
Research, Development, Test and Evaluation, Air Force	13,758,811	13,077,829	13,489,909	— 268,902	+ 412,080
Research, Development, Test and Evaluation, Defense-Wide	9,036,551	8,609,289	9,325,315	+ 288,764	+ 716,026
Developmental Test and Evaluation, Defense	258,606	253,457	251,957	— 6,649	— 1,500
Operational Test and Evaluation, Defense	34,245	24,434	34,434	+ 189	+ 10,000

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1999 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2000—Continued
[In thousands of dollars]

Item	1999 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				1999 appropriation	Budget estimate
Total, title IV, Research, Development, Test and Evaluation	36,756,650	34,375,219	36,455,725	- 300,925	+ 2,080,506
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds	94,500	90,344	90,344	- 4,156	.....
Transfer stockpile balances to working capital fund .....	.....	67,000	67,000	+ 67,000	.....
National Defense Sealift Fund:					
Ready Reserve Force	311,266	257,000	257,000	- 54,266	.....
Acquisition	397,100	97,700	97,700	- 299,400	.....
(Transfer out)	(- 28,800)	.....	.....	( + 28,800)	.....
Total	708,366	354,700	354,700	- 353,666	.....
Total, title V, Revolving and Management Funds	802,866	512,044	512,044	- 290,822	.....
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program:					
Operation and maintenance	9,727,985	10,477,687	10,527,887	+ 799,902	+ 50,200
Procurement	402,387	356,970	356,970	- 45,417	.....
Research and development	19,500	.....	300,000	+ 280,500	+ 300,000
Total, Defense Health Program	10,149,872	10,834,657	11,184,857	+ 1,034,985	+ 350,200
Soldiers, Sailors and Airmen Homes .....	.....	.....	68,295	+ 68,295	+ 68,295

Chemical Agents and Munitions Destruction, Army: ¹						
Operation and maintenance	491,700	593,500	543,500	+ 51,800	— 50,000	
Procurement	115,670	241,500	191,500	+ 75,830	— 50,000	
Research, development, test, and evaluation	172,780	334,000	294,000	+ 121,220	— 40,000	
Total, Chemical Agents	780,150	1,169,000	1,029,000	+ 248,850	— 140,000	
Drug interdiction and Counter-Drug Activities, Defense	735,582	788,100	842,300	+ 106,718	+ 54,200	
Office of the Inspector General	132,064	140,844	137,544	+ 5,480	— 3,300	
Total, title VI, Other Department of Defense Programs	11,797,668	12,932,601	13,261,996	+ 1,464,328	+ 329,395	
TITLE VII						
RELATED AGENCIES						
Central Intelligence Agency Retirement and Disability System Fund	201,500	209,100	209,100	+ 7,600	.....	
Intelligence Community Management Account	129,123	149,415	149,415	+ 20,292	.....	
Transfer to Dept of Justice	(27,000)	(27,000)	(27,000)	.....	.....	
Payment to Kaho'olawe Island Conveyance, Remediation, and Environmental Restoration Fund	25,000	15,000	35,000	+ 10,000	+ 20,000	
National Security Education Trust Fund	3,000	8,000	8,000	+ 5,000	.....	
Total, title VII, Related agencies	358,623	381,515	401,515	+ 42,892	+ 20,000	
TITLE VIII						
GENERAL PROVISIONS						
Additional transfer authority (sec. 8005)	(1,650,000)	(2,000,000)	(2,000,000)	(+ 350,000)	.....	
Indian Financing Act incentives (sec. 8024)	8,000	.....	8,000	.....	+ 8,000	
FFRDC's/consultants (sec. 8034)	— 62,000	.....	.....	+ 62,000	.....	
Disposal and lease of DOD real property (sec. 8040)	25,000	32,200	32,200	+ 7,200	.....	
Overseas Military Fac Investment Recovery (sec. 8044)	38,000	4,300	4,300	— 33,700	.....	
Rescissions (sec. 8058)	— 415,909	.....	— 53,405	+ 362,504	— 53,405	
Lapsed rescission	67,000	.....	.....	— 67,000	.....	
Fisher Houses (sec. 8089)	1,000	.....	.....	— 1,000	.....	
Travel Cards (sec. 8090)	5,000	5,000	5,000	.....	.....	
Transfer to Department of Transportation (sec. 1803) .....	.....	.....	(5,000)	(+ 5,000)	(+ 5,000)	

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1999 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2000—Continued
[In thousands of dollars]

Item	1999 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				1999 appropriation	Budget estimate
Defense reform initiative (DRI) Title II savings (sec. 8105)	— 70,000	.....	.....	+ 70,000	.....
Fiscal Year 1999 Procurement inflation Savings (sec. 8108)	— 400,600	.....	— 285,600	+ 115,000	— 285,600
Fiscal Year 1999 RDT&E inflation savings .....	.....	.....	— 166,500	— 166,500	— 166,500
Advance pay appropriation .....	.....	.....	— 1,838,426	— 1,838,426	— 1,838,426
Foreign currency adjustment .....	.....	.....	— 206,600	— 206,600	— 206,600
Civilian personnel under execution .....	.....	.....	— 209,300	— 209,300	— 209,300
Fuel pricing adjustment .....	.....	.....	— 250,307	— 250,307	— 250,307
National Defense stockpile transaction fund asset sale credit (sec. 8109)	— 100,000	.....	.....	+ 100,000	.....
Ship Transfers (sec. 8110)	— 636,850	— 170,000	— 170,000	+ 466,850	.....
Procurement Reductions (sec. 8134)	— 142,100	.....	.....	+ 142,100	.....
Foreign Currency Fluctuations (sec. 8135)	— 193,600	.....	.....	+ 193,600	.....
Fuel Repricing (sec. 8136)	— 502,000	.....	.....	+ 502,000	.....
Aircraft leasing .....	.....	.....	11,000	+ 11,000	+ 11,000
Fiscal Year 1999 Appropriations .....	.....	.....	— 3,100,000	— 3,100,000	— 3,100,000
Spectrum auction .....	.....	.....	.....	.....	.....
Total, title VIII	— 2,379,959	— 128,500	— 6,219,638	— 3,840,579	— 6,091,138
Grand total (before emergency funding)	250,577,548	264,915,959	264,693,100	+ 14,115,552	— 222,859
DOD-WIDE SAVINGS .....	.....	— 1,650,000	.....	.....	+ 1,650,000
EMERGENCY FUNDING					
Emergency funding (Public Law 105-277):					
Title I—Readiness	5,893,053	.....	.....	— 5,893,053	.....
Title II—Antiterrorism	528,927	.....	.....	— 528,927	.....

Title III—Y2K conversion	1,100,000	.....	.....	— 1,100,000	.....
Total, Emergency funding	7,521,980	.....	.....	— 7,521,980	.....
Adjusted total (including emergency funding)	258,099,528	263,265,959	264,693,100	+ 6,593,572	+ 1,427,141

¹ Included in Budget under Procurement title.

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