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SENATE

{ REPORT
{ 108-284

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2005

JUNE 24, 2004.—Ordered to be printed

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

REPORT

[To accompany S. 2559]

The Committee on Appropriations reports the bill (S. 2559) making appropriations for the Department of Defense for the fiscal year ending September 30, 2005, and for other purposes, reports favorably thereon and recommends that the bill do pass.

New obligational authority

Total of bill as reported to Senate	\$416,153,400,000
Total of 2005 budget estimate	417,807,305,000
Amount of fiscal year 2004 enacted with supplementals	431,541,115,000
The bill as reported to the Senate:	
Below fiscal year 2005 budget estimate	1,653,905,000
Below enacted appropriations for fiscal year 2004	15,387,715,000

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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, 2004, through September 30, 2005. 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 foreign military assistance, military construction, family housing, nuclear weapons programs, and civil defense are provided in other bills.

HEARINGS

The Appropriations Subcommittee on Defense began hearings on March 1, 2004, and concluded them on June 2, 2004, after eleven 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 recommendation of \$416,153,400,000 pays for the on-going programs of the Department of Defense and to transform the military for the new century.

The fiscal year 2005 budget request for activities funded in the Department of Defense Appropriations bill totals \$417,807,305,000 in new budget authority. This amount includes \$392,824,305,000 requested in February, and \$25,000,000,000 requested in a budget amendment requested in May of this year.

COMMITTEE RECOMMENDATIONS

The following table displays the recommendations for each title:

[In thousands of dollars]

	Fiscal year 2004 enacted	Fiscal year 2005 estimate	Committee recommendation
Title I—Military Personnel	98,453,681	104,811,558	103,869,413
Title II—Operation and Maintenance	115,914,877	121,874,589	121,410,132
Title III—Procurement	74,656,047	74,662,317	76,466,514
Title IV—Research, development, test and evaluation	65,217,884	67,772,288	68,768,845
Title V—Revolving and management funds	2,707,969	2,955,138	2,127,822
Title VI—Other Department of Defense programs	18,228,339	20,109,660	20,592,160
Title VII—Related agencies	427,943	551,755	566,755
Title VIII—General provisions (net)	-6,912,179	70,000	-2,648,241
Title IX—Contingent Emergency Reserve Fund .....	.....	25,000,000	25,000,000
Grand total	368,694,561	417,807,305	416,153,400

CLASSIFIED PROGRAM ADJUSTMENTS

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

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 in the Budget Resolution for 2005: Subcommittee on Defense:				
Discretionary	NA	383,773	NA	¹ 401,546
Mandatory	NA	239	NA	¹ 239
Projection of outlays associated with the recommendation:				
2004				² 20
2005				278,403
2006				85,353
2007				23,743
2008				8,013
2009 and future years				5,558
Financial assistance to State and local governments for 2005	NA		NA	

¹ Includes outlays from prior-year budget authority.

² Excludes outlays from prior-year budget authority.

NA: Not applicable.

FUNDING WITHHOLDS

The Committee remains concerned with the department-wide practice of withholding appropriated funds as a mechanism for providing flexibility in managing the procurement and research and development accounts. As requested in the conference report to the Department of Defense Appropriations Act, 2004, the conferees requested that the General Accounting Office [GAO] initiate a review of the Department's practices with regard to withholds. GAO determined that funds are withheld to fund laboratory overhead costs, redirected to other programs for emerging requirements, and, in some cases, used to initiate new start programs without the notification or approval of Congress. It appears that the Department has limited oversight and no standardized Departmental policy for managing withholds and that the Services' have limited visibility into how withholds are assessed and managed at lower echelon commands. In addition, the preliminary GAO findings indicate that statutory withhold such as Small Business Innovative Research are not uniformly applied to all programs.

The Committee is greatly concerned by evidence indicating that program managers within the Department routinely inflate budget estimates in anticipation of incurring withholds during the year of execution. This practice by the Department obscures the actual cost of programs and diminishes the Committee's ability to fulfill its oversight responsibility.

The Committee is also aware of the Departmental practice that allows programs to “borrow” funds from one another with the understanding that they will be reimbursed in future years. The Committee has found several examples where funding requests to the Congress were purposefully inflated to cover outstanding reimbursements owed to other programs, the most egregious of which is where the budget request in its entirety is sought for this purpose.

In order to provide greater oversight and compliance with congressional intent, the Committee directs that statutory withholds such as those for Small Business Innovative Research shall be applied uniformly to each program element, project and activity within an account. The Committee further directs that funds shall not be withheld from congressional interest items to pay for service laboratory overhead. Finally, the Committee directs that funds shall not be budgeted for non-statutory withholds, nor shall funds be budgeted within a program or activity for reimbursement to other programs as a repayment for funds transferred to a program in a prior fiscal year.

With regard to new start programs, the Committee finds that the Department is not abiding by section 8103 of Public Law 108–87 that prohibits the use of funds provided to initiate a new start program without notification of the congressional defense committees. The Committee reminds the Department and its officers that a violation of this section is a violation of section 1341 of title 31, United States Code, a provision of law formerly known as the Antideficiency Act. Anyone who violates that law is subject to criminal penalties; violations of all associated provisions of law require investigation and reporting to Congress. The Committee recommends strengthening the provision to now require written notification 30 days prior to the initiation of any new start program and expects the Department to strictly adhere to the provision.

TITLE I
MILITARY PERSONNEL

Funds appropriated under this title provide the resources required for basic pay, retired pay accrual, Medicare eligible retiree health care accrual, employer's contribution for Social Security taxes, basic allowance for housing, basic allowance for subsistence, special and incentive pays, permanent change of station travel, and other personnel costs for uniformed members of the Armed Forces.

The President's fiscal year 2005 budget requests a total of \$104,811,558,000 for military personnel appropriations. This request funds an Active component end strength of 1,383,000 and a Reserve component end strength of 860,900.

SUMMARY OF COMMITTEE ACTION

The Committee recommends military personnel appropriations totaling \$103,869,413,000 for fiscal year 2005. This is \$942,145,000 below the budget estimate.

The Committee recommends funding an Active component end strength of 1,403,000 for fiscal year 2005, an increase of 20,000 above the budget estimate. The Committee recommends funding a Reserve component end strength of 860,900 for fiscal year 2005, the same as the budget estimate.

Committee recommended military personnel appropriations for fiscal year 2005 are summarized below:

SUMMARY OF MILITARY PERSONNEL APPROPRIATIONS

[In thousands of dollars]

Account	2005 budget estimate	Committee recommendation	Change from budget estimate
Military Personnel:			
Army	29,723,472	29,457,797	- 265,675
Navy	24,459,957	24,330,171	- 129,786
Marine Corps	9,595,902	9,567,768	- 28,134
Air Force	24,510,811	24,165,011	- 345,800
Reserve Personnel:			
Army	3,733,590	3,675,390	- 58,200
Navy	2,171,632	2,132,432	- 39,200
Marine Corps	654,973	624,973	- 30,000
Air Force	1,464,050	1,458,650	- 5,400
National Guard Personnel:			
Army	5,950,729	5,913,329	- 37,400
Air Force	2,546,442	2,543,892	- 2,550
Total	104,811,558	103,869,413	- 942,145

Committee recommended end-strengths for fiscal year 2005 are summarized below:

RECOMMENDED END STRENGTH

Item	2005 budget estimate	Committee recommendation	Change from budget estimate
Active:			
Army	482,400	502,400	+ 20,000
Navy	365,900	365,900	.....
Marine Corps	175,000	175,000	.....
Air Force	359,700	359,700	.....
Subtotal	1,383,000	1,403,000	+ 20,000
Selected Reserve:			
Army Reserve	205,000	205,000	.....
Navy Reserve	83,400	83,400	.....
Marine Corps Reserve	39,600	39,600	.....
Air Force Reserve	76,100	76,100	.....
Army National Guard	350,000	350,000	.....
Air National Guard	106,800	106,800	.....
Subtotal	860,900	860,900	.....
Total	2,243,900	2,263,900	+ 20,000

Committee recommended end-strengths for full-time support of the Reserve and Guard for fiscal year 2005 are summarized below:

RECOMMENDED ACTIVE GUARD AND RESERVE END STRENGTH

Item	2005 budget estimate	Committee recommendation	Change from budget estimate
Army Reserve	14,970	14,970	.....
Navy Reserve	14,152	14,152	.....
Marine Corps Reserve	2,261	2,261	.....
Air Force Reserve	1,900	1,900	.....
Army National Guard	26,476	26,602	+ 126
Air National Guard	12,225	12,253	+ 28
Total	71,984	72,138	+ 154

RECOMMENDED MILITARY TECHNICIANS END STRENGTH

Item	2005 budget estimate	Committee recommendation	Change from budget estimate
Dual Status (minimum levels):			
Army Reserve	7,299	7,299	.....
Air Force Reserve	9,954	9,954	.....
Army National Guard	25,076	25,076	.....
Air National Guard	22,956	22,956	.....
Subtotal	65,285	65,285	.....
Non Dual Status (numerical limits):			
Army Reserve	795	795	.....
Air Force Reserve	90	90	.....
Army National Guard	1,600	1,600	.....
Air National Guard	350	350	.....
Subtotal	2,835	2,835	.....
Total:			
Army Reserve	8,094	8,094	.....
Air Force Reserve	10,044	10,044	.....
Army National Guard	26,676	26,676	.....

RECOMMENDED MILITARY TECHNICIANS END STRENGTH—Continued

Item	2005 budget estimate	Committee recommendation	Change from budget estimate
Air National Guard	23,306	23,306	.....
Total	68,120	68,120	.....

MILITARY PERSONNEL OVERVIEW

The Committee notes that the fiscal year 2005 budget estimate represents a significant increase in the military personnel accounts. The fiscal year 2005 military personnel budget estimate is \$5,867,293,000 above the fiscal year 2004 estimate. Major initiatives include:

Across-the-Board Pay Raise.—The budget estimate proposes and the Senate reported version of the fiscal year 2005 National Defense Authorization Bill authorizes a 3.5 percent across-the-board pay raise for military personnel. The Committee supports this pay raise.

Reduced Out-of-Pocket Housing Costs.—The budget estimate includes funds to eliminate the out-of-pocket housing cost for military members. The increase in Basic Allowance for Housing funding reduces a service member's average out-of-pocket housing expense from the current 3.5 percent to zero in fiscal year 2005. The Committee supports the requested funding which should eliminate the average out-of-pocket expense by the end of fiscal year 2005.

Active Component End Strength.—The Committee supports the President's budget request for a decrease of 7,900 to Navy active end strength and an increase of 400 to Air Force active end strength. In addition, the Committee recommends an increase of 20,000 to Army end strength as authorized in S. 2400, the National Defense Authorization Act for Fiscal Year 2005. Consistent with this legislation, the Committee provides funding for additional Army end strength in a contingent emergency reserve fund under Title IX of this bill.

Reserve Component End Strength.—The Committee supports the President's budget request for a decrease of 2,500 to Navy Reserve end strength, an increase of 300 to Air Force Reserve end strength, and a decrease of 230 to Air National Guard end strength.

PERMANENT CHANGE OF STATION [PCS] FUNDING

The Navy and Marine Corps budget estimates include \$835,050,000 and \$337,858,000, respectively, for Permanent Change of Station [PCS] funding. Collectively, this is \$150,553,000, or 14.7 percent, above amounts provided in the fiscal year 2004 Defense Appropriations Act (Public Law 108-87). In contrast, the Army and Air Force request modest PCS funding increases of 3.4 and 1.2 percent, respectively. The Committee considers the PCS cost growth in the Navy and Marine Corps accounts excessive and recommends a 3.5 percent increase. As a result, the Committee reduces the Navy request by \$86,636,000 and the Marine Corps request by \$28,134,000.

SELECTIVE REENLISTMENT BONUSES

On April 30, 2004, the Air Force cut the number of specialty codes eligible for selective reenlistment bonuses from 146 to 62. The Air Force implemented these reductions in an effort to lower its manning level which is more than 20,000 above authorized end strength. The initiative is expected to reduce the fiscal year 2005 selective reenlistment bonus funding requirement for the Air Force by \$82,000,000. The Committee, therefore, reduces the budget request by this amount.

The Navy request includes \$362,486,000 for selective reenlistments bonuses in fiscal year 2005. This estimate includes 356 more initial selective reenlistment bonus payments than were provided to sailors in fiscal year 2004. The Committee considers the proposed selective reenlistment bonus growth in this account unnecessary when overall retention rates are high, other pay and benefits for sailors are increasing overall, and the Navy plans to reduce its manpower by 7,900 personnel in fiscal year 2005. As a result, the Committee reduces the Navy request by \$12,000,000.

UNEXPENDED BALANCES

As part of an annual budget review, the General Accounting Office [GAO] identifies prior year unobligated and unexpended funds in the "Military Personnel" accounts. Over the past several years, this review has demonstrated a pattern by the Services' of under-spending their military personnel appropriations. As a result, GAO believes the fiscal year 2005 budget request is overstated. The Committee, therefore, recommends a reduction of \$375,000,000 to the budget estimate, distributed as follows:

(In thousands of dollars)

Account	Committee recommendation
Military Personnel, Army	- 178,000
Military Personnel, Navy	- 25,000
Military Personnel, Air Force	- 172,000
Total adjustments	- 375,000

AIR FORCE END STRENGTH

The Committee is deeply concerned the Air Force is more than 20,000 personnel above authorized end strength. In comparison, the Army and Marine Corps are over authorized end strength by 13,000 and 600, respectively. While encouraged by steps the Air Force is taking to reduce manpower, the Committee considers it necessary that the Air Force implement an expeditious and responsible plan to return to authorized end strength by the end of fiscal year 2005. To continue funding this additional manpower in future supplemental requests is not a fair investment for the American taxpayer when major investments are needed to sustain ground operations in Iraq, Afghanistan, and other areas around the world. The Committee, therefore, directs the Secretary of the Air Force to submit a detailed plan, which includes timelines and goals, for how the service will return to authorized strength by the end of fiscal

year 2005. This plan is to be submitted to the congressional defense committees no later than October 15, 2004.

MEDICAL/DENTAL CARE AND DISABILITY BENEFITS FOR CADETS AND MIDSHIPMEN

The Committee supports enhanced benefits for cadets and midshipmen at the services academies, as included in S. 2400, National Defense Authorization Act for Fiscal Year 2005. If this provision is enacted, the Committee directs the Department to fund the enhanced medical and dental care and disability benefits within amounts provided in this bill.

NATO MISSION SUPPORT COSTS

The budget estimate includes funds to support a full fiscal year of NATO peacekeeping efforts in Bosnia. This mission and current operations, however, are expected to be complete by December 2004. At that time, NATO Forces will be replaced by a police force under European Union [EU] control. Due to this planned mission transfer, the Committee revises the budget estimates for military personnel and operation and maintenance to reflect end of operations by December 2004.

MILITARY PERSONNEL, ARMY

Appropriations, 2004	\$28,247,667,000
Budget estimate, 2005	29,723,472,000
Committee recommendation	29,457,797,000

The Committee recommends an appropriation of \$29,457,797,000. This is \$265,675,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

(In thousands of dollars)

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
MILITARY PERSONNEL, ARMY				
ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS:				
5	BASIC PAY	4,587,538	4,587,538	.....
10	RETIRED PAY ACCRUAL	1,261,573	1,261,573	.....
15	DEFENSE HEALTH PROGRAM ACCRUAL	426,390	426,390	.....
25	BASIC ALLOWANCE FOR HOUSING	1,019,189	1,019,189	.....
30	BASIC ALLOWANCE FOR SUBSISTENCE	173,278	173,278	.....
35	INCENTIVE PAYS	99,608	99,608	.....
40	SPECIAL PAYS	211,637	211,637	.....
45	ALLOWANCES	78,958	78,958	.....
50	SEPARATION PAY	73,427	73,427	.....
55	SOCIAL SECURITY TAX	344,712	344,712	.....
	TOTAL, BUDGET ACTIVITY 1	8,276,310	8,276,310	.....
ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS:				
60	BASIC PAY	9,914,330	9,914,330	.....
65	RETIRED PAY ACCRUAL	2,726,441	2,726,441	.....
70	DEFENSE HEALTH PROGRAM ACCRUAL	2,175,161	2,175,161	.....
80	BASIC ALLOWANCE FOR HOUSING	2,322,693	2,322,693	.....
85	INCENTIVE PAYS	72,293	72,293	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
90	SPECIAL PAYS	452,955	452,955	.....
95	ALLOWANCES	474,907	474,907	.....
100	SEPARATION PAY	287,296	287,296	.....
105	SOCIAL SECURITY TAX	753,051	753,051	.....
	TOTAL, BUDGET ACTIVITY 2	19,179,127	19,179,127	.....
	ACTIVITY 3: PAY AND ALLOW OF CADETS:			
110	ACADEMY CADETS	50,969	50,969	.....
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERS:			
115	BASIC ALLOWANCE FOR SUBSISTENCE	805,410	805,410	.....
120	SUBSISTENCE-IN-KIND	520,687	520,687	.....
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	1,537	1,537	.....
	TOTAL, BUDGET ACTIVITY 4	1,327,634	1,327,634	.....
	ACTIVITY 5: PERMANENT CHANGE OF STATION:			
125	ACCESSION TRAVEL	195,971	195,971	.....
130	TRAINING TRAVEL	53,235	53,235	.....
135	OPERATIONAL TRAVEL	177,814	177,814	.....
140	ROTATIONAL TRAVEL	438,795	438,795	.....
145	SEPARATION TRAVEL	154,083	154,083	.....
150	TRAVEL OF ORGANIZED UNITS	3,492	3,492	.....
155	NON-TEMPORARY STORAGE	31,387	31,387	.....
160	TEMPORARY LODGING EXPENSE	20,456	20,456	.....
	TOTAL, BUDGET ACTIVITY 5	1,075,233	1,075,233	.....
	ACTIVITY 6: OTHER MILITARY PERS COSTS:			
170	APPREHENSION OF MILITARY DESERTERS	615	615	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	202	202	.....
180	DEATH GRATUITIES	6,768	6,768	.....
185	UNEMPLOYMENT BENEFITS	78,595	78,595	.....
190	SURVIVOR BENEFITS	4,098	4,098	.....
195	EDUCATION BENEFITS	4,268	4,268	.....
200	ADOPTION EXPENSES	248	248	.....
210	TRANSPORTATION SUBSIDY	4,365	4,365	.....
215	PARTIAL DISLOCATION ALLOWANCE	2,500	2,500	.....
	TOTAL, BUDGET ACTIVITY 6	101,659	101,659	.....
215	LESS REIMBURSABLES	-287,460	-287,460	.....
240	NATO MISSION SUPPORT COSTS .....	.....	-87,675	-87,675
245	GAO UNEXPENDED BALANCES .....	.....	-178,000	-178,000
	TOTAL, MILITARY PERSONNEL, ARMY	29,723,472	29,457,797	-265,675

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
240	NATO Mission Support Costs	-87,675
245	GAO Unexpended Balances	-178,000
	Total adjustments	-265,675

MILITARY PERSONNEL, NAVY

Appropriations, 2004 \$23,217,298,000
 Budget estimate, 2005 24,459,957,000
 Committee recommendation 24,330,171,000

The Committee recommends an appropriation of \$24,330,171,000.
 This is \$129,786,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	MILITARY PERSONNEL, NAVY			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS:			
5	BASIC PAY	3,160,423	3,160,423	.....
10	RETIRED PAY ACCRUAL	869,116	869,116	.....
15	DEFENSE HEALTH PROGRAM ACCRUAL	289,527	289,527	.....
25	BASIC ALLOWANCE FOR HOUSING	915,574	915,574	.....
30	BASIC ALLOWANCE FOR SUBSISTENCE	116,645	116,645	.....
35	INCENTIVE PAYS	205,214	205,214	.....
40	SPECIAL PAYS	267,224	267,224	.....
45	ALLOWANCES	77,403	77,403	.....
50	SEPARATION PAY	26,518	26,518	.....
55	SOCIAL SECURITY TAX	240,344	240,344	.....
	TOTAL, BUDGET ACTIVITY 1	6,167,988	6,167,988	.....
	ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS:			
60	BASIC PAY	8,016,715	8,016,715	.....
65	RETIRED PAY ACCRUAL	2,204,596	2,204,596	.....
70	DEFENSE HEALTH PROGRAM ACCRUAL	1,686,914	1,686,914	.....
80	BASIC ALLOWANCE FOR HOUSING	2,555,677	2,555,677	.....
85	INCENTIVE PAYS	110,276	110,276	.....
90	SPECIAL PAYS	870,069	858,069	- 12,000
95	ALLOWANCES	448,187	448,187	.....
100	SEPARATION PAY	165,017	165,017	.....
105	SOCIAL SECURITY TAX	608,278	608,278	.....
	TOTAL, BUDGET ACTIVITY 2	16,665,729	16,653,729	- 12,000
	ACTIVITY 3: PAY AND ALLOW OF MIDSHIPMEN:			
110	MIDSHIPMEN	52,840	52,840	.....
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERS:			
115	BASIC ALLOWANCE FOR SUBSISTENCE	613,780	613,780	.....
120	SUBSISTENCE-IN-KIND	394,575	394,575	.....
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	500	500	.....
	TOTAL, BUDGET ACTIVITY 4	1,008,855	1,008,855	.....
	ACTIVITY 5: PERMANENT CHANGE OF STATION:			
125	ACCESSION TRAVEL	53,895	53,895	.....
130	TRAINING TRAVEL	77,715	77,715	.....
135	OPERATIONAL TRAVEL	212,056	212,056	.....
140	ROTATIONAL TRAVEL	330,555	330,555	.....
145	SEPARATION TRAVEL	96,996	96,996	.....
150	TRAVEL OF ORGANIZED UNITS	29,934	29,934	.....
155	NON-TEMPORARY STORAGE	12,151	12,151	.....
160	TEMPORARY LODGING EXPENSE	14,126	14,126	.....
165	OTHER	7,622	7,622	.....
167	PERMANENT CHANGE OF STATION REDUCTION .....	.....	- 86,636	- 86,636

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL, BUDGET ACTIVITY 5	835,050	748,414	- 86,636
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS:			
170	APPREHENSION OF MILITARY DESERTERS	825	825	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	209	209	.....
180	DEATH GRATUITIES	3,036	3,036	.....
185	UNEMPLOYMENT BENEFITS	59,943	59,943	.....
190	SURVIVOR BENEFITS	1,721	1,721	.....
195	EDUCATION BENEFITS	1,370	1,370	.....
200	ADOPTION EXPENSES	246	246	.....
210	TRANSPORTATION SUBSIDY	3,951	3,951	.....
215	OTHER	2,200	2,200	.....
	TOTAL, BUDGET ACTIVITY 6	73,501	73,501	.....
215	LESS REIMBURSABLES	- 344,006	- 344,006	.....
245	NATO MISSION SUPPORT COSTS .....	.....	- 6,150	- 6,150
250	GAO UNEXPENDED BALANCES .....	.....	- 25,000	- 25,000
	TOTAL, MILITARY PERSONNEL, NAVY	24,459,957	24,330,171	- 129,786

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
90	Selective Reenlistment Bonus	- 12,000
167	Permanent Change of Station Reduction	- 86,636
245	NATO Mission Support Costs	- 6,150
250	GAO Unexpended Balances	- 25,000
	Total adjustments	- 129,786

MILITARY PERSONNEL, MARINE CORPS

Appropriations, 2004	\$8,971,897,000
Budget estimate, 2005	9,595,902,000
Committee recommendation	9,567,768,000

The Committee recommends an appropriation of \$9,567,768,000. This is \$28,134,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	MILITARY PERSONNEL, MARINE CORPS			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS:			
5	BASIC PAY	1,079,187	1,079,187	.....
10	RETIRED PAY ACCRUAL	296,778	296,778	.....
15	DEFENSE HEALTH PROGRAM ACCRUAL	100,083	100,083	.....
25	BASIC ALLOWANCE FOR HOUSING	266,245	266,245	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
30	BASIC ALLOWANCE FOR SUBSISTENCE	39,474	39,474	.....
35	INCENTIVE PAYS	47,368	47,368	.....
40	SPECIAL PAYS	3,680	3,680	.....
45	ALLOWANCES	22,819	22,819	.....
50	SEPARATION PAY	9,351	9,351	.....
55	SOCIAL SECURITY TAX	82,558	82,558	.....
	TOTAL, BUDGET ACTIVITY 1	1,947,543	1,947,543	.....
	ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS:			
60	BASIC PAY	3,549,705	3,549,705	.....
65	RETIRED PAY ACCRUAL	973,916	973,916	.....
70	DEFENSE HEALTH PROGRAM ACCRUAL	835,058	835,058	.....
80	BASIC ALLOWANCE FOR HOUSING	787,328	787,328	.....
85	INCENTIVE PAYS	8,360	8,360	.....
90	SPECIAL PAYS	117,855	117,855	.....
95	ALLOWANCES	172,769	172,769	.....
100	SEPARATION PAY	66,804	66,804	.....
105	SOCIAL SECURITY TAX	271,710	271,710	.....
	TOTAL, BUDGET ACTIVITY 2	6,783,505	6,783,505	.....
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL:			
115	BASIC ALLOWANCE FOR SUBSISTENCE	281,739	281,739	.....
120	SUBSISTENCE-IN-KIND	222,529	222,529	.....
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	750	750	.....
	TOTAL, BUDGET ACTIVITY 4	505,018	505,018	.....
	ACTIVITY 5: PERMANENT CHANGE OF STATION:			
125	ACCESSION TRAVEL	39,988	39,988	.....
130	TRAINING TRAVEL	9,614	9,614	.....
135	OPERATIONAL TRAVEL	95,439	95,439	.....
140	ROTATIONAL TRAVEL	126,018	126,018	.....
145	SEPARATION TRAVEL	44,523	44,523	.....
150	TRAVEL OF ORGANIZED UNITS	1,593	1,593	.....
155	NON-TEMPORARY STORAGE	5,403	5,403	.....
160	TEMPORARY LODGING EXPENSE	12,723	12,723	.....
165	OTHER	2,557	2,557	.....
167	PERMANENT CHANGE OF STATION REDUCTION .....	.....	-28,134	-28,134
	TOTAL, BUDGET ACTIVITY 5	337,858	309,724	-28,134
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS:			
170	APPREHENSION OF MILITARY DESERTERS	1,606	1,606	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	16	16	.....
180	DEATH GRATUITIES	984	984	.....
185	UNEMPLOYMENT BENEFITS	44,216	44,216	.....
190	SURVIVOR BENEFITS	1,489	1,489	.....
195	EDUCATION BENEFITS	2,797	2,797	.....
200	ADOPTION EXPENSES	82	82	.....
210	TRANSPORTATION SUBSIDY	1,047	1,047	.....
215	OTHER	655	655	.....
	TOTAL, BUDGET ACTIVITY 6	52,892	52,892	.....
215	LESS REIMBURSABLES	-30,914	-30,914	.....
	TOTAL, MILITARY PERSONNEL, MARINE CORPS	9,595,902	9,567,768	-28,134

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
167	Permanent Change of Station Reduction	- 28,134
	Total adjustments	- 28,134

MILITARY PERSONNEL, AIR FORCE

Appropriations, 2004	\$22,910,868,000
Budget estimate, 2005	24,510,811,000
Committee recommendation	24,165,011,000

The Committee recommends an appropriation of \$24,165,011,000. This is \$345,800,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	MILITARY PERSONNEL, AIR FORCE			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS:			
5	BASIC PAY	4,205,163	4,205,163	.....
10	RETIRED PAY ACCRUAL	1,156,421	1,156,421	.....
15	DEFENSE HEALTH PROGRAM ACCRUAL	374,546	374,546	.....
25	BASIC ALLOWANCE FOR HOUSING	976,064	976,064	.....
30	BASIC ALLOWANCE FOR SUBSISTENCE	153,282	153,282	.....
35	INCENTIVE PAYS	333,678	333,678	.....
40	SPECIAL PAYS	223,726	223,726	.....
45	ALLOWANCES	76,783	76,783	.....
50	SEPARATION PAY	96,728	96,728	.....
55	SOCIAL SECURITY TAX	319,659	319,659	.....
	TOTAL, BUDGET ACTIVITY 1	7,916,050	7,916,050	.....
	ACTIVITY 2: PAY AND ALLOW OF ENLISTED PERS:			
60	BASIC PAY	7,685,649	7,685,649	.....
65	RETIRED PAY ACCRUAL	2,113,554	2,113,554	.....
70	DEFENSE HEALTH PROGRAM ACCRUAL	1,554,279	1,554,279	.....
80	BASIC ALLOWANCE FOR HOUSING	2,034,706	2,034,706	.....
85	INCENTIVE PAYS	34,889	34,889	.....
90	SPECIAL PAYS	403,043	321,043	- 82,000
95	ALLOWANCES	452,134	452,134	.....
100	SEPARATION PAY	109,767	109,767	.....
105	SOCIAL SECURITY TAX	587,952	587,952	.....
	TOTAL, BUDGET ACTIVITY 2	14,975,973	14,893,973	- 82,000
	ACTIVITY 3: PAY AND ALLOWANCES OF CADETS:			
110	ACADEMY CADETS	51,398	51,398	.....
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERS:			
115	BASIC ALLOWANCE FOR SUBSISTENCE	717,436	717,436	.....
120	SUBSISTENCE-IN-KIND	173,774	173,774	.....
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	1,254	1,254	.....
	TOTAL, BUDGET ACTIVITY 4	892,464	892,464	.....
	ACTIVITY 5: PERMANENT CHANGE OF STATION:			
125	ACCESSION TRAVEL	88,253	88,253	.....
130	TRAINING TRAVEL	85,083	85,083	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
135	OPERATIONAL TRAVEL	156,508	156,508	.....
140	ROTATIONAL TRAVEL	428,284	428,284	.....
145	SEPARATION TRAVEL	161,308	161,308	.....
150	TRAVEL OF ORGANIZED UNITS	7,761	7,761	.....
155	NON-TEMPORARY STORAGE	28,009	28,009	.....
160	TEMPORARY LODGING EXPENSE	34,306	34,306	.....
	TOTAL, BUDGET ACTIVITY 5	989,512	989,512	.....
	ACTIVITY 6: OTHER MILITARY PERS COSTS:			
170	APPREHENSION OF MILITARY DESERTERS	100	100	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	595	595	.....
180	DEATH GRATUITIES	2,964	2,964	.....
185	UNEMPLOYMENT BENEFITS	29,044	29,044	.....
190	SURVIVOR BENEFITS	4,009	4,009	.....
195	EDUCATION BENEFITS	4,141	4,141	.....
200	ADOPTION EXPENSES	800	800	.....
210	TRANSPORTATION SUBSIDY	9,481	9,481	.....
215	OTHER	15,812	15,812	.....
	TOTAL, BUDGET ACTIVITY 6	66,946	66,946	.....
215	LESS REIMBURSABLES	- 381,532	- 381,532	.....
230	B-52 ATTRITION RESERVE .....	.....	3,700	+ 3,700
245	REDUCED ACCESSIONS .....	.....	- 95,500	- 95,500
250	GAO UNEXPENDED BALANCES .....	.....	- 172,000	- 172,000
	TOTAL, MILITARY PERSONNEL, AIR FORCE	24,510,811	24,165,011	- 345,800

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
90	Selective Reenlistment Bonus	- 82,000
230	B-52 Attrition Reserve	+ 3,700
245	Reduced Accessions	- 95,500
250	GAO Unexpended Balances	- 172,000
	Total adjustments	- 345,800

Reduced Accessions.—In an effort to reduce manpower, the Air Force plans to cut the number of accessions in fiscal year 2005 by 11,000 people. As a result, approximately 24,000 new recruits will join the Air Force in fiscal year 2005 rather than 35,600 as planned in the budget estimate. Based on analysis conducted by the General Accounting Office [GAO], this action will result in significant cost avoidance savings in the Air Force military personnel budget. The Committee, therefore, reduces the Air Force's budget request by \$95,500,000.

RESERVE PERSONNEL, ARMY

Appropriations, 2004	\$3,568,725,000
Budget estimate, 2005	3,733,590,000
Committee recommendation	3,675,390,000

The Committee recommends an appropriation of \$3,675,390,000. This is \$58,200,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

(In thousands of dollars)

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, ARMY			
	ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING:			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	931,352	931,352	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)	43,414	43,414	.....
30	PAY GROUP F TRAINING (RECRUITS)	175,891	175,891	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	7,010	7,010	.....
45	DEFENSE HEALTH PROGRAM ACCRUAL	595,142	595,142	.....
	TOTAL, BUDGET ACTIVITY 1	1,752,809	1,752,809	.....
	ACTIVITY 2: OTHER TRAINING AND SUPPORT:			
60	MOBILIZATION TRAINING	17,559	17,559	.....
70	SCHOOL TRAINING	132,965	132,965	.....
80	SPECIAL TRAINING	166,698	166,698	.....
90	ADMINISTRATION AND SUPPORT	1,358,184	1,358,184	.....
100	EDUCATION BENEFITS	40,751	40,751	.....
110	ROTC—SENIOR, JUNIOR	121,549	121,549	.....
120	HEALTH PROFESSION SCHOLARSHIP	40,769	40,769	.....
125	DEFENSE HEALTH PROGRAM ACCRUAL	77,971	77,971	.....
130	OTHER PROGRAMS	24,335	24,335	.....
	TOTAL, BUDGET ACTIVITY 2	1,980,781	1,980,781	.....
145	RESERVES COST AVOIDANCE		-58,200	-58,200
	TOTAL RESERVE PERSONNEL, ARMY	3,733,590	3,675,390	-58,200

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

(In thousands of dollars)

Line	Item	Committee recommendation
145	Reserves Cost Avoidance	-58,200
	Total adjustments	-58,200

RESERVE PERSONNEL, NAVY

Appropriations, 2004	\$2,002,727,000
Budget estimate, 2005	2,171,632,000
Committee recommendation	2,132,432,000

The Committee recommends an appropriation of \$2,132,432,000. This is \$39,200,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, NAVY			
	ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING:			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	716,763	716,763	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)	4,670	4,670	.....
30	PAY GROUP F TRAINING (RECRUITS)	2,555	2,555	.....
45	DEFENSE HEALTH PROGRAM ACCRUAL	221,457	221,457	.....
	TOTAL, BUDGET ACTIVITY 1	945,445	945,445	.....
	ACTIVITY 2: OTHER TRAINING AND SUPPORT:			
60	MOBILIZATION TRAINING	6,789	6,789	.....
70	SCHOOL TRAINING	23,182	23,182	.....
80	SPECIAL TRAINING	63,527	65,527	+ 2,000
90	ADMINISTRATION AND SUPPORT	982,747	982,747	.....
100	EDUCATION BENEFITS	873	873	.....
110	ROTC—SENIOR, JUNIOR	37,712	37,712	.....
120	HEALTH PROFESSION SCHOLARSHIP	34,405	34,405	.....
125	DEFENSE HEALTH PROGRAM ACCRUAL	76,952	76,952	.....
	TOTAL, BUDGET ACTIVITY 2	1,226,187	1,228,187	+ 2,000
140	RESERVES COST AVOIDANCE .....	.....	- 41,200	- 41,200
	TOTAL, RESERVE PERSONNEL, NAVY	2,171,632	2,132,432	- 39,200

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
80	Gulf Coast Littoral Surveillance System	+ 2,000
140	Reserves Cost Avoidance	- 41,200
	Total adjustments	- 39,200

RESERVE PERSONNEL, MARINE CORPS

Appropriations, 2004	\$571,444,000
Budget estimate, 2005	654,973,000
Committee recommendation	624,973,000

The Committee recommends an appropriation of \$624,973,000. This is \$30,000,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, MARINE CORPS			
	ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING:			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	185,661	185,661	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)	21,184	21,184	.....
30	PAY GROUP F TRAINING (RECRUITS)	77,011	77,011	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	187	187	.....
45	DEFENSE HEALTH PROGRAM ACCRUAL	116,658	116,658	.....
	TOTAL, BUDGET ACTIVITY 1	400,701	400,701	.....
	ACTIVITY 2: OTHER TRAINING AND SUPPORT:			
60	MOBILIZATION TRAINING	2,403	2,403	.....
70	SCHOOL TRAINING	11,450	11,450	.....
80	SPECIAL TRAINING	34,891	34,891	.....
90	ADMINISTRATION AND SUPPORT	157,640	157,640	.....
100	EDUCATION BENEFITS	17,821	17,821	.....
110	ROTC—SENIOR, JUNIOR	5,213	5,213	.....
125	DEFENSE HEALTH PROGRAM ACCRUAL	12,289	12,289	.....
130	OTHER PROGRAMS	12,565	12,565	.....
	TOTAL, BUDGET ACTIVITY 2	254,272	254,272	.....
140	RESERVES COST AVOIDANCE .....	.....	-30,000	-30,000
	TOTAL, RESERVE PERSONNEL, MARINE CORPS	654,973	624,973	-30,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
140	Reserves Cost Avoidance	-30,000
	Total adjustments	-30,000

RESERVE PERSONNEL, AIR FORCE

Appropriations, 2004	\$1,288,088,000
Budget estimate, 2005	1,464,050,000
Committee recommendation	1,458,650,000

The Committee recommends an appropriation of \$1,458,650,000. This is \$5,400,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, AIR FORCE			
	ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING:			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	500,780	500,780	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)	97,025	97,025	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
30	PAY GROUP F TRAINING (RECRUITS)	37,304	37,304	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	113	113	.....
45	DEFENSE HEALTH PROGRAM ACCRUAL	233,399	233,399	.....
	TOTAL, BUDGET ACTIVITY 1	868,621	868,621	.....
	ACTIVITY 2: OTHER TRAINING AND SUPPORT:			
60	MOBILIZATION TRAINING	1,800	1,800	.....
70	SCHOOL TRAINING	92,858	92,858	.....
80	SPECIAL TRAINING	178,366	178,366	.....
90	ADMINISTRATION AND SUPPORT	172,866	172,866	.....
100	EDUCATION BENEFITS	13,500	13,500	.....
110	ROTC—SENIOR, JUNIOR	83,111	83,111	.....
120	HEALTH PROFESSION SCHOLARSHIP	29,269	29,269	.....
125	DEFENSE HEALTH PROGRAM ACCRUAL	9,597	9,597	.....
130	OTHER PROGRAMS	14,062	14,062	.....
	TOTAL, BUDGET ACTIVITY 2	595,429	595,429	.....
140	RESERVES COST AVOIDANCE .....	.....	-5,400	-5,400
	TOTAL, RESERVE PERSONNEL, AIR FORCE	1,464,050	1,458,650	-5,400

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
140	Reserves Cost Avoidance	-5,400
	Total adjustments	-5,400

NATIONAL GUARD PERSONNEL, ARMY

Appropriations, 2004	\$5,500,369,000
Budget estimate, 2005	5,950,729,000
Committee recommendation	5,913,329,000

The Committee recommends an appropriation of \$5,913,329,000. This is \$37,400,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	NATIONAL GUARD PERSONNEL, ARMY			
	ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING:			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,688,571	1,688,571	.....
30	PAY GROUP F TRAINING (RECRUITS)	291,670	291,670	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	36,893	36,893	.....
45	DEFENSE HEALTH PROGRAM ACCRUAL	1,007,258	1,007,258	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL, BUDGET ACTIVITY 1	3,024,392	3,024,392	.....
	ACTIVITY 2: OTHER TRAINING AND SUPPORT:			
70	SCHOOL TRAINING	218,603	218,603	.....
80	SPECIAL TRAINING	252,337	252,337	.....
90	ADMINISTRATION AND SUPPORT	2,218,432	2,234,932	+ 16,500
100	EDUCATION BENEFITS	98,171	98,171	.....
125	DEFENSE HEALTH PROGRAM ACCRUAL	138,794	138,794	.....
	TOTAL, BUDGET ACTIVITY 2	2,926,337	2,942,837	+ 16,500
135	COST AVOIDANCE .....	.....	- 55,700	- 55,700
145	LEWIS AND CLARK BICENTENNIAL ACTIVITIES .....	.....	1,800	+ 1,800
	TOTAL, NATIONAL GUARD PERSONNEL, ARMY	5,950,729	5,913,329	- 37,400

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
90	Civil Support Team AGRs	+ 12,600
90	Ground-Based Midcourse Missile Defense AGRs	+ 3,900
135	Cost Avoidance	- 55,700
145	Lewis and Clark Bicentennial Commemoration Support	+ 1,800
	Total adjustments	- 37,400

Additional Active Guard and Reserve [AGR] End Strength.—The Committee recommends an additional 126 AGRs and \$12,600,000 for the Army National Guard to support 7 additional Civil Support Teams as authorized in the National Defense Authorization Act for Fiscal Year 2005.

Lewis and Clark Bicentennial Commemoration Support.—Army National Guard funds designated for the Lewis and Clark Bicentennial Commemoration in this account and “Operation and Maintenance Army National Guard” are to provide ceremonial, educational, safety, security, and logistics support.

NATIONAL GUARD PERSONNEL, AIR FORCE

Appropriations, 2004	\$2,174,598,000
Budget estimate, 2005	2,546,442,000
Committee recommendation	2,543,892,000

The Committee recommends an appropriation of \$2,543,892,000. This is \$2,550,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	NATIONAL GUARD PERSONNEL, AIR FORCE			
	ACTIVITY 1: UNIT AND INDIVIDUAL TRAINING:			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	807,509	810,259	+ 2,750
30	PAY GROUP F TRAINING (RECRUITS)	68,031	68,031	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	1,380	1,380	.....
45	DEFENSE HEALTH PROGRAM ACCRUAL	296,724	296,724	.....
	TOTAL, BUDGET ACTIVITY 1	1,173,644	1,176,394	+ 2,750
	ACTIVITY 2: OTHER TRAINING AND SUPPORT:			
70	SCHOOL TRAINING	155,195	155,195	.....
80	SPECIAL TRAINING	187,640	187,640	.....
90	ADMINISTRATION AND SUPPORT	936,252	938,352	+ 2,100
100	EDUCATION BENEFITS	29,935	29,935	.....
125	DEFENSE HEALTH PROGRAM ACCRUAL	63,776	63,776	.....
	TOTAL, BUDGET ACTIVITY 2	1,372,798	1,374,898	+ 2,100
140	COST AVOIDANCE .....	.....	- 7,400	- 7,400
	TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	2,546,442	2,543,892	- 2,550

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
10	166th Information Operations Squadron	+ 2,750
90	Civil Support Team AGRs	+ 2,100
140	Cost Avoidance	- 7,400
	Total adjustments	- 2,550

Additional Active Guard and Reserve [AGR] End Strength.—The Committee recommends an additional 28 AGRs and \$2,100,000 for the Air National Guard to support 7 additional Civil Support Teams as authorized in the National Defense Authorization Act for Fiscal Year 2005.

TITLE II
OPERATION AND MAINTENANCE

Funds appropriated under this title provide the resources required 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.

The President's fiscal year 2005 budget requests a total of \$121,874,589,000 for operation and maintenance appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends operation and maintenance appropriations totaling \$121,410,132,000 for fiscal year 2005. This is \$464,457,000 below the budget estimate.

Committee recommended operation and maintenance appropriations for fiscal year 2005 are summarized below:

SUMMARY OF OPERATION AND MAINTENANCE APPROPRIATIONS

[In thousands of dollars]

Account	2005 budget estimate	Committee recommendation	Change from budget estimate
Operation and Maintenance:			
Army	26,133,411	25,705,109	- 428,302
Navy	29,789,190	29,591,679	- 197,511
Marine Corps	3,632,115	3,617,473	- 14,642
Air Force	28,471,260	28,282,160	- 189,100
Defense-Wide	17,494,076	17,552,314	+ 58,238
Army Reserve	2,008,128	1,979,038	- 29,090
Navy Reserve	1,240,038	1,244,838	+ 4,800
Marine Corps Reserve	188,696	188,696	.....
Air Force Reserve	2,239,790	2,200,790	- 39,000
Army National Guard	4,440,686	4,372,436	- 68,250
Air National Guard	4,422,838	4,454,238	+ 31,400
Overseas Contingency Operations Transfer Account	30,000	30,000	.....
U.S. Court of Appeals for the Armed Forces	10,825	10,825	.....
Environmental Restoration:			
Army	400,948	566,948	+ 166,000
Navy	266,820	447,820	+ 181,000
Air Force	397,368	397,368	.....
Defense-Wide	23,684	23,684	.....
Formerly Used Defense Sites	216,516	276,516	+ 60,000
Overseas Humanitarian, Disaster and Civic Aid	59,000	59,000	.....
Former Soviet Union Threat Reduction	409,200	409,200	.....
Total	121,874,589	121,410,132	- 464,457

OPERATION AND MAINTENANCE, ARMY

Appropriations, 2004 \$25,029,346,000
 Budget estimate, 2005 26,133,411,000
 Committee recommendation 25,705,109,000

The Committee recommends an appropriation of \$25,705,109,000.
 This is \$428,302,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, ARMY			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
	LAND FORCES:			
10	DIVISIONS	1,520,706	1,530,706	+ 10,000
20	CORPS COMBAT FORCES	472,692	473,892	+ 1,200
30	CORPS SUPPORT FORCES	445,344	445,344	.....
40	ECHELON ABOVE CORPS SUPPORT FORCES	515,730	515,730	.....
50	LAND FORCES OPERATIONS SUPPORT	1,197,822	1,211,822	+ 14,000
	LAND FORCES READINESS:			
60	FORCE READINESS OPERATIONS SUPPORT	1,787,147	1,817,847	+ 30,700
70	LAND FORCES SYSTEMS READINESS	537,567	544,567	+ 7,000
80	LAND FORCES DEPOT MAINTENANCE	1,031,105	1,046,105	+ 15,000
	LAND FORCES READINESS SUPPORT:			
90	BASE OPERATIONS SUPPORT	5,609,973	5,627,573	+ 17,600
100	FAC SUSTAINMENT, RESTORATION & MOD (OP FORCES)	1,956,128	1,969,928	+ 13,800
110	MANAGEMENT & OPERATIONAL HEADQUARTERS	251,474	255,374	+ 3,900
120	UNIFIED COMMANDS	94,850	98,850	+ 4,000
130	MISCELLANEOUS ACTIVITIES	1,057,943	1,062,143	+ 4,200
	TOTAL, BUDGET ACTIVITY 1	16,478,481	16,599,881	+ 121,400
	BUDGET ACTIVITY 2: MOBILIZATION:			
	MOBILITY OPERATIONS:			
140	STRATEGIC MOBILIZATION	327,345	327,345	.....
150	ARMY PREPOSITIONED STOCKS	126,163	126,163	.....
160	INDUSTRIAL PREPAREDNESS	8,491	14,991	+ 6,500
	TOTAL, BUDGET ACTIVITY 2	461,999	468,499	+ 6,500
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
	ACCESSION TRAINING:			
180	OFFICER ACQUISITION	107,554	107,554	.....
190	RECRUIT TRAINING	20,766	20,766	.....
200	ONE STATION UNIT TRAINING	41,961	41,961	.....
210	SENIOR RESERVE OFFICERS' TRAINING CORPS	234,308	236,308	+ 2,000
	BASIC SKILL/ADVANCE TRAINING:			
240	SPECIALIZED SKILL TRAINING	506,557	510,057	+ 3,500
250	FLIGHT TRAINING	575,406	575,406	.....
260	PROFESSIONAL DEVELOPMENT EDUCATION	102,832	103,832	+ 1,000
270	TRAINING SUPPORT	618,519	622,519	+ 4,000
	RECRUITING/OTHER TRAINING:			
300	RECRUITING AND ADVERTISING	461,157	461,157	.....
310	EXAMINING	131,206	131,206	.....
320	OFF-DUTY AND VOLUNTARY EDUCATION	296,311	296,311	.....
330	CIVILIAN EDUCATION AND TRAINING	111,003	113,503	+ 2,500

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
340	JUNIOR RESERVE OFFICERS' TRAINING CORPS	137,331	137,331	.....
	TOTAL, BUDGET ACTIVITY 3	3,344,911	3,357,911	+ 13,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
	SECURITY PROGRAMS:			
360	SECURITY PROGRAMS	883,510	896,710	+ 13,200
	LOGISTICS OPERATIONS:			
370	SERVICEWIDE TRANSPORTATION	570,923	570,923	.....
380	CENTRAL SUPPLY ACTIVITIES	490,261	490,261	.....
390	LOGISTICS SUPPORT ACTIVITIES	439,466	457,466	+ 18,000
400	AMMUNITION MANAGEMENT	356,607	356,607	.....
	SERVICEWIDE SUPPORT:			
410	ADMINISTRATION	702,719	702,719	.....
420	SERVICEWIDE COMMUNICATIONS	610,866	611,289	+ 423
430	MANPOWER MANAGEMENT	267,365	267,365	.....
440	OTHER PERSONNEL SUPPORT	191,686	191,686	.....
450	OTHER SERVICE SUPPORT	848,391	852,891	+ 4,500
460	ARMY CLAIMS	115,453	115,453	.....
470	REAL ESTATE MANAGEMENT	60,633	60,633	.....
	SUPPORT OF OTHER NATIONS:			
500	INTERNATIONAL MILITARY HEADQUARTERS	250,026	250,026	.....
510	MISC. SUPPORT OF OTHER NATIONS	60,114	60,114	.....
	TOTAL, BUDGET ACTIVITY 4	5,848,020	5,884,143	+ 36,123
991	CIVILIAN PERSONNEL OVERSTATEMENT .....	.....	- 66,100	- 66,100
993	COST AVOIDANCE FOR MIL TO CIV CONVERSIONS .....	.....	- 52,375	- 52,375
995	NATO MISSION SUPPORT COSTS .....	.....	- 320,850	- 320,850
996	ENVIRONMENTAL ADJUSTMENT .....	.....	- 166,000	- 166,000
	TOTAL, O&M, ARMY	26,133,411	25,705,109	- 428,302

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
10	Basic Hydration on the Move	+ 2,000
10	Fleece Insulated Liners (for ECWCS)	+ 8,000
20	USAARMC FCS Support Cell at Fort Knox	+ 1,200
50	Forward Osmosis Water Filtration	+ 7,000
50	USARPAC SBCT C4 infrastructure	+ 7,000
60	Advanced Combat Helmet	+ 20,000
60	Pacific deployable C4 package	+ 2,000
60	USARPAC C4 information infrastructure	+ 8,700
70	AFATDS Regional Training Team	+ 7,000
80	MIAI transmission maintenance	+ 15,000
90	Army Conservation & Ecosystem Management	+ 3,000
90	Fort Hood offsite conservation program	+ 850
90	Fort Knox Crossroad Cluster Communities MOU Site	+ 750
90	Fort Richardson Biathlon Trail Upgrade	+ 1,000
90	Restore Woody Island and historic structures	+ 1,000
90	USARAK Road Repairs	+ 11,000
100	Fort Wainwright Utilidor Repairs	+ 10,000
100	Rock Island Arsenal Industrial Shop Equipment	+ 1,000
100	Rockfall mitigation below Tripler AMC	+ 2,800
110	PACMERS	+ 3,900

[In thousands of dollars]

Line	Item	Committee recommendation
120	Specialty containers (Quadcons)	+ 4,000
130	WMD-CSTs	+ 4,200
160	Industrial Mobilization Capacity	+ 6,500
210	Air Battle Captain Program	+ 2,000
240	Satellite Communications for Learning [SCOLA] language training	+ 3,500
260	Management training	+ 1,000
270	Joint Training Exercise Experimentation Project	+ 4,000
330	Online Technology Training Program	+ 2,500
360	Classified adjustment	+ 13,200
390	Army Ground Systems Integrated Lean Enterprise [AGILE]	+ 6,000
390	Corrosion prevention and control (A)	+ 8,000
390	Field Pack Up System	+ 4,000
420	Infrastructure Upgrades at Camp Carroll	+ 423
450	Army Legacy Logistics Systems Modernization	+ 3,000
450	Centralized Range Residue Recycling Facility [CRRRF]	+ 1,500
991	Civilian personnel overstatement	- 66,100
993	Cost avoidance for mil-to-civ conversions	- 52,375
995	NATO mission support costs	- 320,850
996	Environmental adjustment	- 166,000
	Total adjustments	- 428,302

Industrial Mobilization Capacity.—The Committee recognizes the critical importance of the Industrial Mobilization Capacity program for offsetting costs of maintaining wartime capabilities at Department of Defense facilities and for ensuring that facilities such as the Rock Island Arsenal, IL remain competitive. The Committee has included an additional \$6,500,000 for this program—\$14,400,000 total—and expects that all fiscal year 2005 Industrial Mobilization Capacity funding shall be used only for this purpose.

World War I Chemical Munitions Cleanup.—The Committee is aware of a significant health hazard at the American University resulting from Army munitions development and testing during World War I. While the Army recognizes its responsibility to restore the site and remove all chemicals, it has been slow to respond to this requirement. The potential danger to University students and employees mandate an immediate response to this hazard. The Committee urges the Army to expedite this clean up effort with a goal of completing its removal effort by December 2005.

OPERATION AND MAINTENANCE, NAVY

Appropriations, 2004	\$28,146,658,000
Budget estimate, 2005	29,789,190,000
Committee recommendation	29,591,679,000

The Committee recommends an appropriation of \$29,591,679,000. This is \$197,511,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, NAVY			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
	AIR OPERATIONS:			
10	MISSION AND OTHER FLIGHT OPERATIONS	3,002,769	3,002,769	.....
20	FLEET AIR TRAINING	1,066,452	1,066,452	.....
30	INTERMEDIATE MAINTENANCE	66,565	66,565	.....
40	AIR OPERATIONS AND SAFETY SUPPORT	111,146	111,146	.....
50	AIR SYSTEMS SUPPORT	498,508	498,508	.....
60	AIRCRAFT DEPOT MAINTENANCE	995,596	995,596	.....
70	AIRCRAFT DEPOT OPERATIONS SUPPORT	67,980	67,980	.....
	SHIP OPERATIONS:			
80	MISSION AND OTHER SHIP OPERATIONS	2,604,963	2,604,963	.....
90	SHIP OPERATIONAL SUPPORT AND TRAINING	622,119	622,119	.....
110	SHIP DEPOT MAINTENANCE	3,910,439	3,925,439	+ 15,000
120	SHIP DEPOT OPERATIONS SUPPORT	1,113,910	1,076,310	- 37,600
	COMBAT OPERATIONS/SUPPORT:			
130	COMBAT COMMUNICATIONS	379,929	379,929	.....
140	ELECTRONIC WARFARE	16,946	16,946	.....
150	SPACE SYSTEMS & SURVEILLANCE	136,231	136,231	.....
160	WARFARE TACTICS	266,032	266,032	.....
170	OPERATIONAL METEOROLOGY & OCEANOGRAPHY	256,003	264,403	+ 8,400
180	COMBAT SUPPORT FORCES	1,362,179	1,362,179	.....
190	EQUIPMENT MAINTENANCE	186,658	186,658	.....
200	DEPOT OPERATIONS SUPPORT	3,214	3,214	.....
	WEAPONS SUPPORT:			
210	CRUISE MISSILE	155,731	155,731	.....
220	FLEET BALLISTIC MISSILE	830,393	830,393	.....
230	IN-SERVICE WEAPONS SYSTEMS SUPPORT	51,043	67,043	+ 16,000
240	WEAPONS MAINTENANCE	447,327	447,327	.....
	WORKING CAPITAL FUND SUPPORT:			
250	NWCF SUPPORT .....	.....	.....	.....
	BASE SUPPORT:			
260	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	1,330,363	1,331,338	+ 975
270	BASE SUPPORT	3,195,350	3,171,350	- 24,000
	TOTAL, BUDGET ACTIVITY 1	22,677,846	22,656,621	- 21,225
	BUDGET ACTIVITY 2: MOBILIZATION:			
	READY RESERVE AND PREPOSITIONING FORCES:			
280	SHIP PREPOSITIONING AND SURGE	548,199	548,199	.....
	ACTIVATIONS/INACTIVATIONS:			
290	AIRCRAFT ACTIVATIONS/INACTIVATIONS	7,619	7,619	.....
300	SHIP ACTIVATIONS/INACTIVATIONS	212,393	222,393	+ 10,000
	MOBILIZATION PREPAREDNESS:			
310	FLEET HOSPITAL PROGRAM	26,119	26,119	.....
320	INDUSTRIAL READINESS	1,523	1,523	.....
330	COAST GUARD SUPPORT	17,185	17,185	.....
	TOTAL, BUDGET ACTIVITY 2	813,038	823,038	+ 10,000
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
	ACCESSION TRAINING:			
340	OFFICER ACQUISITION	120,835	120,835	.....
350	RECRUIT TRAINING	7,716	7,716	.....
360	RESERVE OFFICERS TRAINING CORPS	102,336	102,336	.....
	BASIC SKILLS AND ADVANCED TRAINING:			
370	SPECIALIZED SKILL TRAINING	434,374	434,374	.....
380	FLIGHT TRAINING	420,829	423,829	+ 3,000
390	PROFESSIONAL DEVELOPMENT EDUCATION	116,770	118,770	+ 2,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
400	TRAINING SUPPORT	238,246	240,246	+ 2,000
	RECRUITING, AND OTHER TRAINING AND EDUCATION:			
410	RECRUITING AND ADVERTISING	282,526	282,526	.....
420	OFF-DUTY AND VOLUNTARY EDUCATION	146,508	146,508	.....
430	CIVILIAN EDUCATION AND TRAINING	67,556	67,556	.....
440	JUNIOR ROTC	39,900	41,900	+ 2,000
	TOTAL, BUDGET ACTIVITY 3	1,977,596	1,986,596	+ 9,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
	SERVICEWIDE SUPPORT:			
470	ADMINISTRATION	773,940	773,940	.....
480	EXTERNAL RELATIONS	3,893	3,893	.....
490	CIVILIAN MANPOWER & PERSONNEL MGT	110,614	110,614	.....
500	MILITARY MANPOWER & PERSONNEL MGT	198,465	198,465	.....
510	OTHER PERSONNEL SUPPORT	317,284	317,284	.....
520	SERVICEWIDE COMMUNICATIONS	605,415	605,415	.....
	LOGISTICS OPERATIONS AND TECHNICAL SUPPORT:			
540	SERVICEWIDE TRANSPORTATION	189,634	189,634	.....
560	PLANNING, ENGINEERING & DESIGN	252,972	260,972	+ 8,000
570	ACQUISITION AND PROGRAM MANAGEMENT	840,666	840,666	.....
580	AIR SYSTEMS SUPPORT .....	.....	.....	.....
590	HULL, MECHANICAL & ELECTRICAL SUPPORT	55,505	55,505	.....
600	COMBAT/WEAPONS SYSTEMS	51,683	51,683	.....
610	SPACE & ELECTRONIC WARFARE SYSTEMS	70,166	70,166	.....
	SECURITY PROGRAMS:			
620	SECURITY PROGRAMS	839,870	868,370	+ 28,500
	SUPPORT OF OTHER NATIONS:			
630	INTERNATIONAL HDQTRS & AGENCIES	10,603	10,603	.....
	TOTAL, BUDGET ACTIVITY 4	4,320,710	4,357,210	+ 36,500
991	CIVILIAN PERSONNEL OVERSTATEMENT .....	.....	- 13,300	- 13,300
993	COST AVOIDANCE FOR MIL TO CIV CONVERSIONS .....	.....	- 11,661	- 11,661
994	COST AVOIDANCE FOR CIVILIAN BUYOUTS .....	.....	- 14,800	- 14,800
995	NATO MISSION SUPPORT COSTS .....	.....	- 11,025	- 11,025
996	ENVIRONMENTAL ADJUSTMENT .....	.....	- 181,000	- 181,000
	TOTAL, O&M, NAVY	29,789,190	29,591,679	- 197,511

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
110	Ship depot maintenance	+ 15,000
120	Cruiser conversion	- 43,100
120	Manufacturing Technical Assistance and Production Program	+ 4,000
120	Naval Shipyard Apprenticeship Program	+ 1,500
170	Center of Excellence for Disaster Management and Humanitarian Assistance	+ 5,000
170	PACOM Theater Joint C4	+ 3,400
230	Mk 45 5 inch Gun Depot Overhauls	+ 16,000
260	Education, Childhood Development, Groton Navy Submarine Base	+ 975
270	Annual savings from NSRR disestablishment	- 30,000
270	Flood Mitigation at Lualualei	+ 3,000
270	PMRF Flood Control	+ 3,000
300	Ship Disposal Program	+ 10,000
380	Night Vision Goggles in Advanced Helicopter Training	+ 3,000

[In thousands of dollars]

Line	Item	Committee recommendation
390	Navy Professional Military Education	+ 2,000
400	Vital Learning Recruitment/Retention Screening Test Program	+ 2,000
440	U.S. Naval Sea Cadet Corps	+ 2,000
560	Knowledge Management and Decision Support System	+ 7,000
560	RFID (N)	+ 1,000
620	Classified adjustment	+ 28,500
991	Civilian personnel overstatement	- 13,300
993	Cost avoidance for mil-to-civ conversions	- 11,661
994	Cost avoidance for civilian buyouts	- 14,800
995	NATO mission support costs	- 11,025
996	Environmental adjustment	- 181,000
	Total adjustments	- 197,511

Naval Shipyard Apprentice Program.—The Committee has included \$31,000,000 for the Shipyard Apprentice Program, and directs the Navy to induct classes of no fewer than 150 apprentices at each of the naval shipyards during fiscal year 2005. Further, the Committee directs the Navy to include the costs of the fiscal year 2006 class of apprentices in the fiscal year 2006 budget estimate.

U.S. Naval Sea Cadet Corps.—The Committee recommends \$2,000,000 for the U.S. Naval Sea Cadet Corps [USNSCC], a non-profit youth training and education organization. For several years, the Congress has provided funding for this program, which was federally chartered by Congress in 1962 (Public Law 87-655). A Department of the Navy report found that the Navy benefits from the USNSCC program in many ways, and stated “the Naval Sea Cadet Corps brings the Navy and its core values of honor, courage, and commitment into homes throughout America.” The Committee directs the Secretary of the Navy to fund the USNSCC program in the fiscal year 2006 budget request.

Navy Installations.—The Committee was disappointed to learn recently of the Commander, Navy Installations [CNI] plan to reduce funding for fiscal year 2004 by approximately \$300,000,000 to cover other Navy requirements. It was disturbing to discover that these reductions are not being allocated fairly. Some smaller regions are asked to forego a significantly larger percentage of their base operations support [BOS] and sustainment, restoration and maintenance funds [SRM] than are the larger regions. In one case, CNI’s direction has the effect of negating congressional guidance to increase SRM for specific locations. The Committee urges CNI to restore SRM funds to those areas.

The Committee has also been informed that the fiscal year 2005 budget request for CNI assumes substantial savings which are not likely to accrue, leaving several regions no choice but to implement general reductions. Critics of the CNI concept warned that a large centralized account would be a logical target to finance other Navy activities. Additionally, they argued that Washington based headquarters for CNI would likely provide an east coast bias. Based on CNI’s current plans it appears they were right. In the past, the Committee has reallocated Army SRM funding because of similar failings, but is hopeful that the same action will not be required here. As such, the Committee directs the Navy to reexamine its

plans for CNI funding for fiscal year 2004 and fiscal year 2005. If the Navy does not address these issues in the coming weeks, the Committee will consider the management and funding distribution of CNI in conference.

Joint Center for Operational Analysis.—The Committee supports U.S. Joint Forces Command's initiative to enhance lessons learned capabilities through increased team missions and deployment. The goal is to capture lessons learned of ongoing operations in Iraq as well as the Global War on Terrorism. Accordingly, the Committee recommends that of the funds under this heading, \$7,000,000 be provided for this initiative.

OPERATION AND MAINTENANCE, MARINE CORPS

Appropriations, 2004	\$3,440,323,000
Budget estimate, 2005	3,632,115,000
Committee recommendation	3,617,473,000

The Committee recommends an appropriation of \$3,617,473,000. This is \$14,642,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, MARINE CORPS			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
	EXPEDITIONARY FORCES:			
10	OPERATIONAL FORCES	633,914	650,214	+ 16,300
20	FIELD LOGISTICS	367,293	371,293	+ 4,000
30	DEPOT MAINTENANCE	102,085	102,085	.....
	USMC PREPOSITIONING:			
40	MARITIME PREPOSITIONING	72,128	72,128	.....
50	NORWAY PREPOSITIONING	7,763	7,763	.....
60	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	451,012	451,012	.....
70	BASE SUPPORT	1,026,795	1,049,607	+ 22,812
	TOTAL, BUDGET ACTIVITY 1	2,660,990	2,704,102	+ 43,112
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
	ACCESSION TRAINING:			
80	RECRUIT TRAINING	10,539	10,539	.....
90	OFFICER ACQUISITION	351	351	.....
	BASIC SKILLS AND ADVANCED TRAINING:			
100	SPECIALIZED SKILLS TRAINING	45,155	45,155	.....
110	FLIGHT TRAINING	174	174	.....
120	PROFESSIONAL DEVELOPMENT EDUCATION	8,972	8,972	.....
130	TRAINING SUPPORT	134,241	134,241	.....
	RECRUITING AND OTHER TRAINING EDUCATION:			
140	RECRUITING AND ADVERTISING	113,988	113,988	.....
150	OFF-DUTY AND VOLUNTARY EDUCATION	34,336	34,336	.....
160	JUNIOR ROTC	13,270	13,270	.....
170	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	68,553	68,553	.....
180	BASE SUPPORT	162,579	162,579	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL, BUDGET ACTIVITY 3	592,158	592,158	.....
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
190	SPECIAL SUPPORT	274,508	274,508	.....
200	SERVICEWIDE TRANSPORTATION	37,300	37,300	.....
210	ADMINISTRATION	45,271	45,271	.....
230	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	3,191	3,191	.....
240	BASE SUPPORT	18,697	18,697	.....
	TOTAL, BUDGET ACTIVITY 4	378,967	378,967	.....
993	COST AVOIDANCE FOR MIL TO CIV CONVERSIONS .....	.....	- 57,640	- 57,640
995	NATO MISSION SUPPORT COSTS .....	.....	- 114	- 114
	TOTAL, O&M, MARINE CORPS	3,632,115	3,617,473	- 14,642

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
10	All-purpose environmental clothing system	+ 4,800
10	Mountain Cold Weather Clothing & Equipment Program [MCWCEP]	+ 4,000
10	Ultra-light camouflage net system	+ 7,500
20	Corrosion prevention and control [MC]	+ 4,000
70	Anti-Oxidant Micronutrients Program	+ 3,600
70	Communications support for USMC NOC	+ 9,212
70	MARFORPAC BOS	+ 10,000
993	Cost avoidance for mil-to-civ conversions	- 57,640
995	NATO mission support costs	- 114
	Total adjustments	- 14,642

OPERATION AND MAINTENANCE, AIR FORCE

Appropriations, 2004	\$26,904,731,000
Budget estimate, 2005	28,471,260,000
Committee recommendation	28,282,160,000

The Committee recommends an appropriation of \$28,282,160,000. This is \$189,100,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, AIR FORCE			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
	AIR OPERATIONS:			
10	PRIMARY COMBAT FORCES	3,275,334	3,310,334	+ 35,000
20	PRIMARY COMBAT WEAPONS	331,333	331,333	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
30	COMBAT ENHANCEMENT FORCES	346,322	346,322	.....
40	AIR OPERATIONS TRAINING	1,274,599	1,274,599	.....
50	COMBAT COMMUNICATIONS	1,318,159	1,318,159	.....
60	DEPOT MAINTENANCE	2,085,761	2,053,336	- 32,425
70	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	1,017,301	1,071,301	+ 54,000
80	BASE SUPPORT	1,995,494	2,014,094	+ 18,600
	COMBAT RELATED OPERATIONS:			
90	GLOBAL C3I AND EARLY WARNING	1,147,163	1,147,163	.....
100	NAVIGATION/WEATHER SUPPORT	204,543	208,143	+ 3,600
110	OTHER COMBAT OPS SUPPORT PROGRAMS	622,524	622,524	.....
120	JCS EXERCISES	32,756	32,756	.....
130	MANAGEMENT/OPERATIONAL HEADQUARTERS	240,380	240,380	.....
140	TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	340,102	340,102	.....
	SPACE OPERATIONS:			
150	LAUNCH FACILITIES	343,565	343,565	.....
160	LAUNCH VEHICLES	100,135	100,135	.....
170	SPACE CONTROL SYSTEMS	237,995	237,995	.....
180	SATELLITE SYSTEMS	68,655	68,655	.....
190	OTHER SPACE OPERATIONS	258,376	258,376	.....
200	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	171,469	171,469	.....
210	BASE SUPPORT	528,332	528,332	.....
	TOTAL, BUDGET ACTIVITY 1	15,940,298	16,019,073	+ 78,775
	BUDGET ACTIVITY 2: MOBILIZATION:			
	MOBILITY OPERATIONS:			
220	AIRLIFT OPERATIONS	1,919,987	1,921,987	+ 2,000
230	AIRLIFT OPERATIONS C3I	51,824	51,824	.....
240	MOBILIZATION PREPAREDNESS	170,623	170,623	.....
250	PAYMENTS TO TRANSPORTATION BUSINESS AREA .....	.....	.....	.....
260	DEPOT MAINTENANCE	410,679	371,379	- 39,300
270	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	200,928	200,928	.....
280	BASE SUPPORT	537,718	537,718	.....
	TOTAL, BUDGET ACTIVITY 2	3,291,759	3,254,459	- 37,300
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
	ACCESSION TRAINING:			
290	OFFICER ACQUISITION	73,788	73,788	.....
300	RECRUIT TRAINING	6,034	6,034	.....
310	RESERVE OFFICER TRAINING CORPS (ROTC)	84,381	84,381	.....
320	FAC SUSTAINMENT, RESTORATION & MODERNIZA-TION	85,892	85,892	.....
330	BASE SUPPORT (ACADEMIES ONLY)	71,777	71,777	.....
	BASIC SKILLS AND ADVANCED TRAINING:			
340	SPECIALIZED SKILL TRAINING	336,818	337,518	+ 700
350	FLIGHT TRAINING	775,819	775,819	.....
360	PROFESSIONAL DEVELOPMENT EDUCATION	158,967	158,967	.....
370	TRAINING SUPPORT	108,450	109,450	+ 1,000
380	DEPOT MAINTENANCE	12,914	12,914	.....
390	FAC SUSTAINMENT, RESTORATION & MODERNIZA-TION	190,592	190,592	.....
400	BASE SUPPORT (OTHER TRAINING)	584,857	584,857	.....
	RECRUITING, AND OTHER TRAINING AND EDUCATION:			
410	RECRUITING AND ADVERTISING	143,369	120,369	- 23,000
420	EXAMINING	3,281	3,281	.....
430	OFF DUTY AND VOLUNTARY EDUCATION	159,129	159,129	.....
440	CIVILIAN EDUCATION AND TRAINING	158,738	158,738	.....
450	JUNIOR ROTC	50,108	50,108	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL, BUDGET ACTIVITY 3	3,004,914	2,983,614	- 21,300
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
	LOGISTICS OPERATIONS:			
460	LOGISTICS OPERATIONS	883,478	887,478	+ 4,000
470	TECHNICAL SUPPORT ACTIVITIES	432,323	432,323	.....
480	SERVICEWIDE TRANSPORTATION	171,501	171,501	.....
490	DEPOT MAINTENANCE	105,158	105,158	.....
500	BASE SUPPORT	1,072,242	1,072,242	.....
510	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	260,580	260,580	.....
	SERVICEWIDE ACTIVITIES:			
520	ADMINISTRATION	299,617	299,617	.....
530	SERVICEWIDE COMMUNICATIONS	377,574	377,574	.....
540	PERSONNEL PROGRAMS	262,281	262,281	.....
550	RESCUE AND RECOVERY SERVICES	129,437	129,437	.....
560	ARMS CONTROL	41,645	41,645	.....
570	OTHER SERVICEWIDE ACTIVITIES	728,942	728,942	.....
580	OTHER PERSONNEL SUPPORT	39,457	39,457	.....
590	CIVIL AIR PATROL CORPORATION	21,722	21,722	.....
600	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	12,848	12,848	.....
610	BASE SUPPORT	345,170	345,170	.....
620	SECURITY PROGRAMS	1,024,129	1,026,129	+ 2,000
	SUPPORT TO OTHER NATIONS:			
630	INTERNATIONAL SUPPORT	26,185	26,185	.....
	TOTAL, BUDGET ACTIVITY 4	6,234,289	6,240,289	+ 6,000
991	CIVILIAN PERSONNEL OVERSTATEMENT .....	.....	- 12,500	- 12,500
993	COST AVOIDANCE FOR MIL TO CIV CONVERSIONS .....	.....	- 29,273	- 29,273
994	COST AVOIDANCE FOR CIVILIAN BUYOUTS .....	.....	- 32,100	- 32,100
995	NATO MISSION SUPPORT COSTS .....	.....	- 141,402	- 141,402
	TOTAL, O&M, AIR FORCE	28,471,260	28,282,160	- 189,100

Pad Encryption Technology.—The Committee recognizes the merits of commercially available off the shelf one-time pad encryption technology and encourages the Air Force to explore its use. The Committee understands this technology could be utilized for the protection of highly sensitive special access programs and could allow for communication of such data using commercial networks.

Scott Air Force Base.—The fiscal year 2004 Department of Defense Appropriations conference report (Public Law 108–87) included funding to continue the C–9A mission flown by the 932nd Airlift Wing at Scott Air Force Base, Illinois, and training for new mission requirements, including the C–40C aircraft. The Air Force has indicated it plans to move three C–9C aircraft from Andrews Air Force Base, Maryland to be based at Scott Air Force Base in fiscal year 2005. The Committee supports the current C–9A mission as well as the transfer of the C–9C aircraft to Scott Air Force Base. The Committee encourages the Secretary of the Air Force to continue, at least, the 932nd Airlift Wing C–9 mission, and to expand the current mission to include C–40C aircraft after the appropriate review and subject to the availability of funds.

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
10	B-52 Attrition Reserve	+ 35,000
60	Oxygen repair facility	+ 600
60	Rack Mounted Improved AIS	+ 6,000
60	Realign depot maintenance funds (at AF request)	- 39,500
60	Relational Extraction Server	+ 475
70	172nd Stryker Brigade Access Road Feasibility Study	+ 2,000
70	Building 9480 Renovation	+ 13,500
70	COPE THUNDER Facilities Renovation	+ 6,000
70	Eielson AFB Utilidor Repairs	+ 10,000
70	Engineering and Environmental Assessment for Stryker Railroad Extension	+ 14,000
70	PARC Upgrade—ACTS Ranges Phase 2	+ 8,500
80	11th Air Force Range Power and Fiber Upgrades	+ 6,000
80	Alaska Land Mobile Radio	+ 3,800
80	Elmendorf AFB Community Center enhancements	+ 700
80	PACAF IT consolidation/storage area network	+ 8,100
100	Sooner Drop Zone Extension	+ 600
100	University Partnership for Operational Support	+ 3,000
220	Active Noise Reduction Headsets	+ 2,000
260	Realign depot maintenance funds (at AF request)	- 39,300
340	National Airborne Operations Center (NAOC)	+ 700
370	Simulation training for WMD emergency response programs	+ 1,000
410	Reduced recruiting goals	- 23,000
460	Hickam AFB Alternative Fuel Vehicle Program	+ 4,000
620	Classified adjustment	+ 2,000
991	Civilian personnel overstatement	- 12,500
993	Cost avoidance for mil-to-civ conversions	- 29,273
994	Cost avoidance for civilian buyouts	- 32,100
995	NATO mission support costs	- 141,402
	Total adjustments	- 189,100

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Appropriations, 2004	\$16,226,841,000
Budget estimate, 2005	17,494,076,000
Committee recommendation	17,552,314,000

The Committee recommends an appropriation of \$17,552,314,000. This is \$58,238,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, DEFENSE-WIDE			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
10	JOINT CHIEFS OF STAFF	243,062	243,062	.....
20	SPECIAL OPERATIONS COMMAND	1,992,613	1,937,771	- 54,842
	TOTAL, BUDGET ACTIVITY 1	2,235,675	2,180,833	- 54,842

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
30	BUDGET ACTIVITY 2: MOBILIZATION: DEFENSE LOGISTICS AGENCY	40,599	40,599	.....
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
40	AMERICAN FORCES INFORMATION SERVICE	14,050	14,050	.....
60	DEFENSE ACQUISITION UNIVERSITY	103,532	103,532	.....
70	DEFENSE CONTRACT AUDIT AGENCY	5,296	5,296	.....
80	DEFENSE THREAT REDUCTION AGENCY	5,968	5,968	.....
90	DEFENSE HUMAN RESOURCES ACTIVITY	56,067	56,067	.....
110	DEFENSE SECURITY SERVICE	7,343	7,343	.....
120	NATIONAL DEFENSE UNIVERSITY	90,263	90,263	.....
130	SPECIAL OPERATIONS COMMAND	96,244	96,244	.....
	TOTAL, BUDGET ACTIVITY 3	378,763	378,763	.....
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
140	AMERICAN FORCES INFORMATION SERVICE	110,528	110,528	.....
150	CIVIL MILITARY PROGRAMS	101,389	126,389	+ 25,000
180	DEFENSE CONTRACT AUDIT AGENCY	368,119	368,119	.....
200	DEFENSE LEGAL SERVICES AGENCY	25,484	25,484	.....
210	DEFENSE LOGISTICS AGENCY	265,379	285,943	+ 20,564
220	DEFENSE POW/MISSING PERSONS OFFICE	15,964	15,964	.....
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	20,456	20,456	.....
240	DEFENSE THREAT REDUCTION AGENCY	319,483	319,483	.....
250	DEPARTMENT OF DEFENSE DEPENDENTS EDUCATION	1,761,852	1,802,852	+ 41,000
260	DEFENSE HUMAN RESOURCES ACTIVITY	318,940	318,940	.....
270	DEFENSE CONTRACT MANAGEMENT AGENCY	1,029,592	1,029,217	- 375
280	DEFENSE FINANCE AND ACCOUNTING SERVICE	4,310	4,310	.....
290	DEFENSE INFORMATION SYSTEMS AGENCY	1,090,558	1,090,558	.....
300	DEFENSE SECURITY COOPERATION AGENCY	83,922	83,922	.....
310	DEFENSE SECURITY SERVICE	277,100	277,100	.....
320	JOINT CHIEFS OF STAFF	278,884	278,884	.....
340	OFFICE OF ECONOMIC ADJUSTMENT	44,756	80,756	+ 36,000
350	OFFICE OF THE SECRETARY OF DEFENSE	805,813	795,513	- 10,300
360	SPECIAL OPERATIONS COMMAND	142,457	142,457	.....
370	WASHINGTON HEADQUARTERS SERVICES	447,166	447,166	.....
999	OTHER PROGRAMS	7,326,887	7,328,078	+ 1,191
	TOTAL, BUDGET ACTIVITY 4	14,839,039	14,952,119	+ 113,080
	TOTAL, O&M, DEFENSE-WIDE	17,494,076	17,552,314	+ 58,238

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
20	NATO mission support costs	- 2,650
20	SOCOM unjustified growth	- 52,192
150	Innovative Readiness Training	+ 10,000
150	National Guard Youth Challenge Program	+ 11,000
150	Operation Walking Shield Program [OWSP]	+ 4,000
210	Alaska Logistics Center	+ 9,000
210	NATO mission support costs	- 1,839
210	Procurement Technical Assistance Cooperative Agreement Program [PTACAP]	+ 8,403
210	RFID (DW)	+ 5,000
250	DoDEA Facilities SR&M	+ 15,000
250	DoDEA Mathematics and Technology Teachers Development	+ 1,000
250	DoDEA unjustified certification program	- 10,000
250	Impact Aid	+ 30,000

[In thousands of dollars]

Line	Item	Committee recommendation
250	Impact Aid for children with disabilities	+ 5,000
270	NATO mission support costs	- 375
340	Adak Airport Operations Improvements	+ 4,000
340	Bulkhead Construction at Military Ocean Terminal Bayonne [MOTBY]	+ 5,000
340	Fort Benjamin Harrison Relocation Project	+ 4,000
340	Port of Anchorage Army Deployment Staging Area	+ 5,000
340	Port of Anchorage Intermodal Marine Facility Project	+ 8,000
340	UCHSC-DCH Fitzsimmons Medical Center	+ 10,000
350	Asia-Pacific Regional Initiative	+ 14,000
350	Capital Security Cost Sharing Plan	- 27,300
350	Information Assurance Scholarship Program	+ 3,000
999	Classified adjustment	+ 1,191
	Total adjustments	+ 58,238

Corrosion Control.—The Committee has reviewed the Department of Defense long-term strategy on corrosion control, and understands that DOD has established an Office of Corrosion Policy and Oversight [CPO] for focused management attention on this issue. In addition, the Committee is aware that a General Accounting Office assessment of the adequacy of DOD's corrosion control strategy has identified a number of shortcomings that threaten the effectiveness of that strategy. One of the identified shortcomings is a lack of dedicated and visible funding. Accordingly, the Committee directs the Department to establish a specific, separate program element or budget line to ensure that sustained and adequate funding is available for the corrosion control projects that have the best potential to provide maximum benefit across the DOD.

In addition, the Committee is aware that the Defense Science Board has determined that substantial costs could be avoided with additional corrosion prevention and changes in DOD acquisition policy. The Committee encourages DOD to make the up-front investments necessary to realize these future cost savings.

Finally, the Committee is concerned about the potential for corrosion damage to pre-positioned stocks, which are frequently located in highly-corrosive environments. Such corrosion could degrade readiness to respond to contingencies and be very costly to fix. The Committee encourages the DOD Inspector General to conduct a review of the impact of corrosion on pre-position assets, and recommend policy, management or funding changes to mitigate that corrosion.

Hooked-on-Fishing/Not-on-Drugs Pilot Program.—The Committee recognizes that the current operational tempo is placing significant stress on the families of military personnel. Installation commanders can help alleviate the stressors of service life in today's environment by facilitating family oriented activities. Fishing is a family oriented outdoor experience that serves as a structured and focused activity for military dependents. The Committee directs the Under Secretary of Defense for Personnel and Readiness to consult with the Future Fisherman Foundation and the Armed Forces Foundation on the implementation of a Hooked-on-Fishing/Not on Drugs pilot program at 20 U.S. military installations with the highest rate of mobilized personnel. The Committee further directs the Department to submit a report to the congressional de-

fense committees no later than January 31, 2005 on the current status of this pilot program and the feasibility of establishing such a program at additional installations in the future.

Legacy Resource Management Program.—The Committee commends the Department of Defense for requesting funds to continue the Legacy Resource Management Program. From within these funds, the Committee encourages the Department to continue naval archaeology programs in the Lake Champlain Basin.

OPERATION AND MAINTENANCE, ARMY RESERVE

Appropriations, 2004	\$1,998,609,000
Budget estimate, 2005	2,008,128,000
Committee recommendation	1,979,038,000

The Committee recommends an appropriation of \$1,979,038,000. This is \$29,090,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, ARMY RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
	LAND FORCES:			
10	DIVISION FORCES	7,640	10,640	+ 3,000
20	CORPS COMBAT FORCES	34,607	34,607	.....
30	CORPS SUPPORT FORCES	318,411	318,411	.....
40	ECHELON ABOVE CORPS FORCES	150,421	150,421	.....
50	LAND FORCES OPERATIONS SUPPORT	459,134	464,134	+ 5,000
	LAND FORCES READINESS:			
60	FORCES READINESS OPERATIONS SUPPORT	153,475	153,475	.....
70	LAND FORCES SYSTEM READINESS	65,202	65,202	.....
80	DEPOT MAINTENANCE	71,548	71,548	.....
	LAND FORCES READINESS SUPPORT:			
100	BASE SUPPORT	379,112	379,822	+ 710
	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	201,141	201,141	.....
110	ADDITIONAL ACTIVITIES	7,627	7,627	.....
	TOTAL, BUDGET ACTIVITY 1	1,848,318	1,857,028	+ 8,710
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
120	ADMINISTRATION	52,180	52,180	.....
130	SERVICEWIDE COMMUNICATIONS	9,116	9,116	.....
140	PERSONNEL/FINANCIAL ADMIN (MANPOWER MGT)	8,201	8,201	.....
150	RECRUITING AND ADVERTISING	90,313	90,313	.....
	TOTAL, BUDGET ACTIVITY 4	159,810	159,810	.....
992	COST AVOIDANCE FOR MOBILIZED MILTECHS .....	.....	- 37,800	- 37,800
	TOTAL, O&M, ARMY RESERVE	2,008,128	1,979,038	- 29,090

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
10	Extended cold weather clothing system (AR)	+ 3,000
50	All Terrain Military Utility Vehicle (M-Gator) (AR)	+ 5,000
90	USAR Citizen-Soldier Memorial Park	+ 710
992	Cost avoidance for mobilized MilTechs	- 37,800
	Total adjustments	- 29,090

OPERATION AND MAINTENANCE, NAVY RESERVE

Appropriations, 2004	\$1,172,921,000
Budget estimate, 2005	1,240,038,000
Committee recommendation	1,244,838,000

The Committee recommends an appropriation of \$1,244,838,000. This is \$4,800,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, NAVY RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
	RESERVE AIR OPERATIONS:			
10	MISSION AND OTHER FLIGHT OPERATIONS	483,526	483,526	.....
20	INTERMEDIATE MAINTENANCE	16,494	16,494	.....
30	AIR OPERATION AND SAFETY SUPPORT	1,592	1,592	.....
40	AIRCRAFT DEPOT MAINTENANCE	131,607	131,607	.....
50	AIRCRAFT DEPOT OPS SUPPORT	384	384	.....
	RESERVE SHIP OPERATIONS:			
60	MISSION AND OTHER SHIP OPERATIONS	59,127	59,127	.....
70	SHIP OPERATIONAL SUPPORT AND TRAINING	531	531	.....
90	SHIP DEPOT MAINTENANCE	92,787	92,787	.....
100	SHIP DEPOT OPERATIONS SUPPORT	3,596	3,596	.....
	RESERVE COMBAT OPERATIONS SUPPORT:			
110	COMBAT COMMUNICATIONS	6,732	6,732	.....
120	COMBAT SUPPORT FORCES	224,589	229,389	+ 4,800
	RESERVE WEAPONS SUPPORT:			
130	WEAPONS MAINTENANCE	5,548	5,548	.....
	BASE SUPPORT:			
140	FACILITIES SUSTAINMENT, RESTORATION & MOD-ERNIZATION	73,410	73,410	.....
150	BASE SUPPORT	108,863	108,863	.....
	TOTAL, BUDGET ACTIVITY 1	1,208,786	1,213,586	+ 4,800
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
160	ADMINISTRATION	6,930	6,930	.....
170	CIVILIAN MANPOWER & PERSONNEL .....	.....	.....	.....
180	MILITARY MANPOWER & PERSONNEL	8,797	8,797	.....

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
190	SERVICEMAN COMMUNICATIONS	3,347	3,347	.....
200	COMBAT/WEAPONS SYSTEM	5,667	5,667	.....
210	OTHER SERVICEMAN SUPPORT	6,511	6,511	.....
	TOTAL, BUDGET ACTIVITY 4	31,252	31,252	.....
	TOTAL, O&M, NAVY RESERVE	1,240,038	1,244,838	+ 4,800

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
120	Gulf Coast Littoral Surveillance System	+ 4,800
	Total adjustments	+ 4,800

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Appropriations, 2004	\$173,952,000
Budget estimate, 2005	188,696,000
Committee recommendation	188,696,000

The Committee recommends an appropriation of \$188,696,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, MC RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
10	OPERATING FORCES	72,940	72,940	.....
20	DEPOT MAINTENANCE	12,132	12,132	.....
40	TRAINING SUPPORT	25,544	25,544	.....
60	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	12,126	12,126	.....
70	BASE SUPPORT	33,370	33,370	.....
	TOTAL, BUDGET ACTIVITY 1	156,112	156,112	.....
	BUDGET ACTIVITY 4: ADMIN & SERVICEMAN ACTIVITIES:			
80	SPECIAL SUPPORT	8,948	8,948	.....
90	SERVICEMAN TRANSPORTATION	580	580	.....
100	ADMINISTRATION	10,407	10,407	.....
120	RECRUITING AND ADVERTISING	8,013	8,013	.....
130	BASE SUPPORT	4,636	4,636	.....
	TOTAL, BUDGET ACTIVITY 4	32,584	32,584	.....
	TOTAL, O&M, MARINE CORPS RESERVE	188,696	188,696	.....

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Appropriations, 2004 \$2,179,388,000
 Budget estimate, 2005 2,239,790,000
 Committee recommendation 2,200,790,000

The Committee recommends an appropriation of \$2,200,790,000.
 This is \$39,000,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, AF RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
10	PRIMARY COMBAT FORCES	1,329,717	1,329,717	.....
20	MISSION SUPPORT OPERATIONS	74,077	74,077	.....
30	DEPOT MAINTENANCE	410,893	410,893	.....
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	53,056	53,056	.....
50	BASE SUPPORT	264,425	264,425	.....
	TOTAL, BUDGET ACTIVITY 1	2,132,168	2,132,168	.....
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
60	ADMINISTRATION	60,270	60,270	.....
70	RECRUITING AND ADVERTISING	14,516	14,516	.....
80	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	25,485	25,485	.....
90	OTHER PERSONNEL SUPPORT	6,707	6,707	.....
100	AUDIOVISUAL	644	644	.....
	TOTAL, BUDGET ACTIVITY 4	107,622	107,622	.....
992	COST AVOIDANCE FOR MOBILIZED MILTECHS .....	.....	-39,000	-39,000
	TOTAL, O&M, AIR FORCE RESERVE	2,239,790	2,200,790	-39,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
992	Cost avoidance for mobilized MilTechs	-39,000
	Total adjustments	-39,000

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Appropriations, 2004 \$4,340,581,000
 Budget estimate, 2005 4,440,686,000
 Committee recommendation 4,372,436,000

The Committee recommends an appropriation of \$4,372,436,000.
 This is \$68,250,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION & MAINTENANCE, ARMY NATL GUARD			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
	LAND FORCES:			
10	DIVISIONS	558,168	564,818	+ 6,650
20	CORPS COMBAT FORCES	629,062	629,062	.....
30	CORPS SUPPORT FORCES	333,393	333,393	.....
40	ECHELON ABOVE CORPS FORCES	615,838	615,838	.....
50	LAND FORCES OPERATIONS SUPPORT	20,786	20,786	.....
	LAND FORCES READINESS:			
60	FORCE READINESS OPERATIONS SUPPORT	180,163	180,163	.....
70	LAND FORCES SYSTEMS READINESS	142,914	142,914	.....
80	LAND FORCES DEPOT MAINTENANCE	230,567	230,567	.....
	LAND FORCES READINESS SUPPORT:			
90	BASE OPERATIONS SUPPORT	577,028	579,928	+ 2,900
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	384,044	384,044	.....
110	MANAGEMENT & OPERATIONAL HEADQUARTERS	451,167	451,167	.....
120	MISCELLANEOUS ACTIVITIES	59,356	69,156	+ 9,800
	TOTAL, BUDGET ACTIVITY 1	4,182,486	4,201,836	+ 19,350
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
130	STAFF MANAGEMENT (ADMINISTRATION)	110,669	124,269	+ 13,600
140	INFORMATION MANAGEMENT (SERVICEWIDE COMMUNICATIONS)	26,341	35,541	+ 9,200
150	PERSONNEL ADMINISTRATION (MANPOWER MANAGEMENT)	35,376	35,376	.....
160	RECRUITING AND ADVERTISING	85,814	85,814	.....
	TOTAL, BUDGET ACTIVITY 4	258,200	281,000	+ 22,800
992	COST AVOIDANCE FOR MOBILIZED MILTECHS .....	.....	- 110,400	- 110,400
	TOTAL, O&M, ARMY NATIONAL GUARD	4,440,686	4,372,436	- 68,250

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
10	Cannon bore cleaning	+ 1,650
10	Extended Cold Weather Clothing System (ARNG)	+ 5,000
90	Communicator-Automated Emergency Notification System	+ 2,900
120	WMD-CSTs	+ 9,800
130	Base Wide Protection and Facilities Monitoring System	+ 8,000
130	CBRA	+ 1,000
130	Civil Support Team Trainer	+ 4,000
130	Lewis and Clark Bicentennial Commemoration support	+ 600
140	Information operations training and operations	+ 4,000
140	National Response at Memorial Tunnel	+ 1,500
140	Readiness and Regional Technology Enhancements	+ 1,700
140	Real-Time Security Program	+ 2,000

[In thousands of dollars]

Line	Item	Committee recommendation
992	Cost avoidance for mobilized MilTechs	- 110,400
	Total adjustments	- 68,250

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Appropriations, 2004	\$4,431,216,000
Budget estimate, 2005	4,422,838,000
Committee recommendation	4,454,238,000

The Committee recommends an appropriation of \$4,454,238,000. This is \$31,400,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION & MAINTENANCE, AIR NATIONAL GUARD			
	BUDGET ACTIVITY 1: OPERATING FORCES:			
10	AIRCRAFT OPERATIONS	2,685,471	2,685,471	.....
20	MISSION SUPPORT OPERATIONS	362,114	372,714	+ 10,600
30	DEPOT MAINTENANCE	676,647	755,447	+ 78,800
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	230,642	230,642	.....
50	BASE SUPPORT	431,076	436,076	+ 5,000
	TOTAL, BUDGET ACTIVITY 1	4,385,950	4,480,350	+ 94,400
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES:			
60	ADMINISTRATION	27,490	27,490	.....
70	RECRUITING AND ADVERTISING	9,398	9,398	.....
	TOTAL, BUDGET ACTIVITY 4	36,888	36,888	.....
992	COST AVOIDANCE FOR MOBILIZED MILTECHS .....	.....	- 63,000	- 63,000
	TOTAL, O&M, AIR NATIONAL GUARD	4,422,838	4,454,238	+ 31,400

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	Committee recommendation
20	166th Information Operations Squadron	+ 1,200
20	Extended Cold Weather Clothing System (ANG)	+ 2,000
20	Information assurance activities	+ 3,000
20	Regional Geospatial Service	+ 4,400
30	Realign depot maintenance funds (at AF request)	+ 78,800
50	IT Consolidation/Storage Area Network	+ 5,000
992	Cost avoidance for mobilized MilTechs	- 63,000

[In thousands of dollars]

Line	Item	Committee recommendation
	Total adjustments	+ 31,400

OVERSEAS CONTINGENCY OPERATIONS TRANSFER ACCOUNT

Appropriations, 2004	\$5,000,000
Budget estimate, 2005	30,000,000
Committee recommendation	30,000,000

The Committee recommends an appropriation of \$30,000,000.
This is equal to the budget estimate.

U.S. COURT OF APPEALS FOR THE ARMED FORCES

Appropriations, 2004	\$10,333,000
Budget estimate, 2005	10,825,000
Committee recommendation	10,825,000

The Committee recommends an appropriation of \$10,825,000.
This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, ARMY

Appropriations, 2004	\$396,018,000
Budget estimate, 2005	400,948,000
Committee recommendation	566,948,000

The Committee recommends an appropriation of \$566,948,000.
This is \$166,000,000 above the budget estimate.

ENVIRONMENTAL RESTORATION, NAVY

Appropriations, 2004	\$256,153,000
Budget estimate, 2005	266,820,000
Committee recommendation	447,820,000

The Committee recommends an appropriation of \$447,820,000.
This is \$181,000,000 above the budget estimate.

ENVIRONMENTAL RESTORATION, AIR FORCE

Appropriations, 2004	\$384,307,000
Budget estimate, 2005	397,368,000
Committee recommendation	397,368,000

The Committee recommends an appropriation of \$397,368,000.
This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Appropriations, 2004	\$24,081,000
Budget estimate, 2005	23,684,000
Committee recommendation	23,684,000

The Committee recommends an appropriation of \$23,684,000.
This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

Appropriations, 2004	\$284,619,000
Budget estimate, 2005	216,516,000
Committee recommendation	276,516,000

The Committee recommends an appropriation of \$276,516,000. This is \$60,000,000 above the budget estimate.

This increase reflects the significant inventory of Formerly Used Defense Sites requiring remediation.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

Appropriations, 2004	\$59,000,000
Budget estimate, 2005	59,000,000
Committee recommendation	59,000,000

The Committee recommends an appropriation of \$59,000,000. This is equal to the budget estimate.

FORMER SOVIET UNION THREAT REDUCTION

Appropriations, 2004	\$450,800,000
Budget estimate, 2005	409,200,000
Committee recommendation	409,200,000

The Committee recommends an appropriation of \$409,200,000. This is equal to the budget estimate.

**TITLE III
PROCUREMENT**

Funds appropriated under this title provide the resources required to purchase military equipment and hardware, including aircraft, helicopters, ships, missiles, combat vehicles, ammunition, weapons, electronic sensors and communications equipment, and other procurement items.

The President's fiscal year 2005 budget requests a total of \$74,662,317,000 for procurement appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends procurement appropriations totaling \$76,466,514,000 for fiscal year 2005. This is \$1,804,197,000 above the budget estimate.

Committee recommended procurement appropriations for fiscal year 2005 are summarized below:

SUMMARY OF PROCUREMENT APPROPRIATIONS

[In thousands of dollars]

Account	2005 budget estimate	Committee recommendation	Change from budget estimate
Aircraft Procurement, Army	2,658,241	2,653,241	- 5,000
Missile Procurement, Army	1,398,321	1,378,321	- 20,000
Procurement of Weapons and Tracked Combat Vehicles, Army	1,639,695	1,698,695	+ 59,000
Procurement of Ammunition, Army	1,556,902	1,606,502	+ 49,600
Other Procurement, Army	4,240,896	4,685,846	+ 444,950
Aircraft Procurement, Navy	8,767,867	8,899,367	+ 131,500
Weapons Procurement, Navy	2,101,529	2,222,620	+ 121,091
Procurement of Ammunition, Navy and Marine Corps	858,640	881,140	+ 22,500
Shipbuilding and Conversion, Navy	9,962,027	10,171,643	+ 209,616
Other Procurement, Navy	4,834,278	4,797,025	- 37,253
Procurement, Marine Corps	1,190,103	1,266,803	+ 76,700
Aircraft Procurement, Air Force	13,163,174	13,547,524	+ 384,350
Missile Procurement, Air Force	4,718,313	4,609,213	- 109,100
Procurement of Ammunition, Air Force	1,396,457	1,353,859	- 42,598
Other Procurement, Air Force	13,283,557	13,284,897	+ 1,340
Procurement, Defense-Wide	2,883,302	2,867,303	- 15,999
National Guard and Reserve Equipment .....	.....	500,000	+ 500,000
Defense Production Act Purchases	9,015	42,515	+ 33,500
Total	74,662,317	76,466,514	+ 1,804,197

COMMITTEE RECOMMENDATIONS

The Committee has displayed recommended adjustments in tables presented under each appropriation account.

These adjustments reflect the following Committee actions: elimination of funds requested for programs which are lower priority, duplicative, or not supported by firm requirements in out year development or procurement appropriations; 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 estimate; and implementation of recommendations reported in the Senate bill authorizing activities of the Department of Defense for fiscal year 2005.

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

PROCUREMENT OVERVIEW

Role of Small Businesses.—The Committee is concerned that the continuous downsizing and consolidation of the U.S. defense industry has reduced the number of qualified sources, especially small businesses, for the manufacture of aviation/air ground components, such as cable/wiring harness assembly. The Committee urges the Department to make every effort to identify and use these qualified small business sources to meet the small business goals as set out in 10 U.S.C. 2323 and DFARS Part 219.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 2004	\$2,154,035,000
Budget estimate, 2005	2,658,241,000
Committee recommendation	2,653,241,000

The Committee recommends an appropriation of \$2,653,241,000. This is \$5,000,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, ARMY						
	AIRCRAFT:						
	FIXED WING:						
1	UTILITY F/W (MR) AIRCRAFT	1	\$11,967	1	\$11,967		
	ROTARY:						
2	HELICOPTER, KIOWA WARRIOR REPLACEMENT		24,000		24,000		
3	HELICOPTER, LIGHT UTILITY		45,000		45,000		
5	UH-60 BLACKHAWK (MYP)	27	279,737	27	279,737		
6	UH-60 BLACKHAWK (MYP) (AP-CY)		34,723		34,723		
7	HELICOPTER NEW TRAINING	12	13,100	12	13,100		
	TOTAL, AIRCRAFT		408,527		408,527		
	MODIFICATION OF AIRCRAFT:						
8	GUARDRAIL MODS (TIARA)		2,195		2,195		
10	AH-64 MODS		37,201		37,201		
11	CH-47 CARGO HELICOPTER MODS		703,450		683,450		-\$20,000
12	CH-47 CARGO HELICOPTER MODS (AP-CY)		23,832		23,832		
13	UTILITY/CARGO AIRPLANE MODS		10,093		10,093		
15	AIRCRAFT LONG RANGE MODS		754		754		
16	LONGBOW		654,460		654,460		
18	UH-60 MODS		142,889		146,889		+4,000
19	UH-60 MODS (AP-CY)		6,130		6,130		
20	KIOWA WARRIOR		39,276		39,276		
21	AIRBORNE AVIONICS		49,091		49,091		
22	GATM ROLLUP		61,259		61,259		
24	SPARE PARTS (AIR)		10,857		10,857		
	TOTAL, MODIFICATION OF AIRCRAFT		1,741,487		1,725,487		-16,000
	SUPPORT EQUIPMENT AND FACILITIES:						
	GROUND SUPPORT AVIONICS:						
25	AIRCRAFT SURVIVABILITY EQUIPMENT		7,319		17,319		+10,000
26	ASE INFRARED CM		272,166		272,166		

27	OTHER SUPPORT:						
28	AIRBORNE COMMAND & CONTROL	26,603	26,603				
29	AVIONICS SUPPORT EQUIPMENT	5,140	5,140				
30	COMMON GROUND EQUIPMENT	55,543	55,543				+ 1,000
31	AIRCREW INTEGRATED SYSTEMS	28,609	28,609				
32	AIR TRAFFIC CONTROL	55,449	55,449				
33	INDUSTRIAL FACILITIES	45,216	45,216				
34	LAUNCHER, 2.75 ROCKET	2,413	2,413				
	AIRBORNE COMMUNICATIONS	9,769	9,769				
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	508,227	519,227				+ 11,000
	TOTAL, AIRCRAFT PROCUREMENT, ARMY	2,658,241	2,653,241				- 5,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
11	CH-47 CARGO HELICOPTER MODS	703,450	683,450	- 20,000
	Production efficiencies .....	.....	.....	- 25,000
	Second source qualification of CH-47 components .....	.....	.....	+ 5,000
18	UH-60 MODS	142,889	146,889	+ 4,000
	MEDEVAC thermal imaging upgrades .....	.....	.....	+ 4,000
25	AIRCRAFT SURVIVABILITY EQUIPMENT	7,319	17,319	+ 10,000
	Additional AVR-2B .....	.....	.....	+ 10,000
29	COMMON GROUND EQUIPMENT	55,543	56,543	+ 1,000
	AVIM Shop Set Plus Shelters .....	.....	.....	+ 1,000

During February of this year, the Department of Defense accepted the Army's recommendation to cease further development of the Comanche helicopter program. In March, the administration submitted a budget amendment recommending the reallocation of funds originally requested for the Comanche program.

The Committee commends the Army leadership for arriving at the decision to terminate Comanche in a deliberate, responsible manner. Unfortunately, the budget justification and request to realign funding originally intended for Comanche has not been addressed in a similar manner. In fact, during the Committee's budget review, the Army proved unable to explain, justify, and at times identify acquisition plans, and required costs for items contained within the request. In the case of several programs [Light Utility Helicopter, Armed Reconnaissance Helicopter, Apache Block III] Army acquisition plans have yet to be approved, respectively, by the Army leadership, Secretary of Defense or Joint Requirements Oversight Council. Some of these programs may or may not be subject to competitive bidding, and are being developed based on a request for information to potential suppliers.

The Committee remains supportive of the Army's efforts to deliberately improve its aviation combat power. Although supportive of the Army's efforts to achieve task organization, the Committee has not received sufficient information to endorse the budget request.

Kiowa Warrior Replacement.—The budget request included \$24,000,000 for the procurement of an armed reconnaissance helicopter. In selecting a replacement helicopter for the Kiowa Warrior, the Army has not conducted an Analysis of Alternatives. The requirements and key performance parameters for an armed reconnaissance helicopter have not been identified to the Committee. The Army failed to provide any supporting budget justification materials, and has yet to approve an acquisition strategy for this program. The Committee recommends that funds available for procurement of an armed reconnaissance helicopter shall only be available 30 days after the Army has delivered to the Committee an acquisition plan and strategy for this system.

Light Utility Helicopter.—The budget request included a total of \$45,000,000 for procurement of light utility helicopters (\$30,000,000 for the procurement of 10 helicopters, and \$15,000,000 for support costs). The Department of Defense has yet to approve

an acquisition strategy for the procurement of light utility helicopters [LUH], and has not conducted an Analysis of Alternatives. The Army has not provided the Committee any justification materials identifying the platforms to be considered or any planned competition for the LUH. The Committee recommends that funds available for procurement of the LUH shall only be available 30 days after the Army has delivered to the Committee an acquisition plan and strategy for this system.

CH-47 Helicopter.—The amended budget request funds both re-manufacture and new procurement of CH-47 helicopters. As the re-manufacturing and production lines have matured, manufacturing efficiencies identified by the contractor have yielded cost savings for these respective programs. The amended budget request includes funding of \$727,300,000 for CH-47 procurement, an increase of \$215,900,000 above fiscal year 2004 levels. Due to current manufacturing efficiencies and the economies of scale to be expected from a funding increase of over 40 percent, the Committee recommends a decrease of \$25,000,000.

Vibration Management Enhancement Program.—Funding was not included in the budget request for continuation of the Vibration Management Enhancement Program [VMEP]. The Committee supports this program for enhanced aircrew safety, improved aircraft maintenance, and reduced operation costs and encourages the Army to transition this capability to the AH-64A and AH-64D Longbow helicopter.

MISSILE PROCUREMENT, ARMY

Appropriations, 2004	\$1,505,462,000
Budget estimate, 2005	1,398,321,000
Committee recommendation	1,378,321,000

The Committee recommends an appropriation of \$1,378,321,000. This is \$20,000,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISSILE PROCUREMENT, ARMY						
	OTHER MISSILES:						
	SURFACE-TO-AIR MISSILE SYSTEM:						
1	PATRIOT SYSTEM SUMMARY	108	\$489,253	108	\$489,253		
3	SURFACE-LAUNCHED AMRAAM SYSTEM SUMMARY		2,449		2,449		
	AIR-TO-SURFACE MISSILE SYSTEM:						
4	HELLFIRE SYS SUMMARY	1,135	108,475	1,135	108,475		
5	APKWS (ADVANCED PRECISION KILL WEAPON SYSTEM)		755		755		
6	ADVANCE PROCUREMENT (CY)		6,124		6,124		
	ANTI-TANK/ASSAULT MISSILE SYSTEM:						
7	JAVELIN (AAMS-M) SYSTEM SUMMARY	1,038	117,803	1,038	117,803		
9	LINE OF SIGHT ANTI-TANK (LOSAT) SYSTEM SUM	158	86,321	158	86,321		
10	TOW 2 SYSTEM SUMMARY	500	12,867	500	12,867		
11	TOW 2 ADVANCE PROCUREMENT (CY)		13,375		13,375		
12	GUIDED MLRS ROCKET (GMLRS)	1,026	112,302	1,026	112,302		
13	MLRS REDUCED RANGE PRACTICE ROCKETS [RRPR]	822	6,627	822	6,627		
14	MLRS LAUNCHER SYSTEMS		41,200		21,200		
15	HIMARS LAUNCHER	37	169,249	37	169,249		
16	ARMY TACTICAL MSL SYS [ATACMS]—SYS SUM	56	61,484	56	61,484		
	TOTAL, OTHER MISSILES		1,228,284		1,208,284		-20,000
	MODIFICATION OF MISSILES:						
	MODIFICATIONS:						
17	PATRIOT MODS		87,948		87,948		
19	ITAS/TOW MODS		9,784		9,784		
20	MLRS MODS		18,970		18,970		
21	HIMARS MODIFICATIONS: (NON AAO)		474		474		
22	HELLFIRE MODIFICATIONS		9,770		9,770		
	TOTAL, MODIFICATION OF MISSILES		126,946		126,946		
23	SPARES AND REPAIR PARTS		33,779		33,779		

24	SUPPORT EQUIPMENT AND FACILITIES:					
25	AIR DEFENSE TARGETS	5,843	5,843		5,843	
27	ITEMS LESS THAN \$5.0M (MISSILES)	10	10		10	
	PRODUCTION BASE SUPPORT	3,459	3,459		3,459	
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	9,312	9,312		9,312	
	TOTAL, MISSILE PROCUREMENT, ARMY	1,398,321	1,398,321		1,378,321	- 20,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
14	MLRS LAUNCHER SYSTEMS	41,200	21,200	- 20,000
	Fielding and Delivery Cost Growth .....	.....	.....	- 20,000

Hellfire Missile.—The Army budget amendment requested \$92,900,000 to procure additional Hellfire II laser guided missiles. However, based on emerging requirements in Iraq the Army has requested flexibility in the variant to be procured. The Committee recommends granting the requested funding and flexibility for the Army to procure up to 1,135 missiles of any Hellfire II warhead variety.

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 2004	\$1,857,054,000
Budget estimate, 2005	1,639,695,000
Committee recommendation	1,698,695,000

The Committee recommends an appropriation of \$1,698,695,000. This is \$59,000,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
PROCUREMENT OF W&TCV, ARMY							
TRACKED COMBAT VEHICLES:							
1	ABRAMS TRNG DEV MOD		\$3,643		\$3,643		
2	BRADLEY BASE SUSTAINMENT		71,378		78,378		+ \$7,000
3	BRADLEY FVS TRAINING DEVICES (MOD)		2,454		2,454		
4	ABRAMS TANK TRAINING DEVICES		3,624		3,624		
5	STRYKER		905,074		905,074		
MODIFICATION OF TRACKED COMBAT VEHICLES:							
6	CARRIER, MOD				15,000		+ 15,000
7	F1ST VEHICLE (MOD)		1		1		
8	MOD OF IN-SVC EQUIP, F1ST VEHICLE		670		670		
9	BFVS SERIES (MOD)		55,424		80,424		+ 25,000
10	HOWITZER, MED SP FT 155MM M109A6 (MOD)		18,350		18,350		
11	FAASY PIP TO FLEET		7,294		7,294		
14	M1 ABRAMS TANK (MOD)		116,917		116,917		
15	SYSTEM ENHANCEMENT PGM: SEP M1A2	67	292,152	67	292,152		
SUPPORT EQUIPMENT AND FACILITIES:							
17	ITEMS LESS THAN \$5.0M (TCV-WTCV)		407		407		
18	PRODUCTION BASE SUPPORT (TCV-WTCV)		10,278		10,278		
TOTAL, TRACKED COMBAT VEHICLES			1,487,666		1,534,666		+ 47,000
WEAPONS AND OTHER COMBAT VEHICLES:							
19	INTEGRATED AIR BURST WEAPON SYSTEM FAMILY		500		500		
20	ARMOR MACHINE GUN, 7.62MM M240 SERIES	2,070	25,249	2,070	25,249		
21	MACHINE GUN, 5.56MM (SAW)		80		80		
23	MORTAR SYSTEMS	577	5,258	577	5,258		
25	XM107 CAL 50, SNIPER RIFLE	600	8,871	600	8,871		
26	5.56 CARBINE M4	8,255	9,376	8,255	9,376		
27	HOWITZER LT WT 155MM (T)	18	37,209	18	37,209		
MOD OF WEAPONS AND OTHER COMBAT VEH:							
28	MARK-19 MODIFICATIONS		4,236		4,236		
29	M4 CARBINE MODS		13,777		13,777		

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
30	SQUAD AUTOMATIC WEAPON (MOD)		3,382		3,382		
31	MEDIUM MACHINE GUNS (MODS)		3,409		3,409		
32	HOWITZER, TOWED, 155MM, M198 (MODS)	13	779	13	779		
34	M16 RIFLE MODS		2,345		2,345		
35	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)		3,245		3,245		
	SUPPORT EQUIPMENT AND FACILITIES:						
36	ITEMS LESS THAN \$5.0M (WOCV-WTCV)		486		486		
37	PRODUCTION BASE SUPPORT (WOCV-WTCV)		6,620		6,620		
38	INDUSTRIAL PREPAREDNESS		2,629		14,629		+ 12,000
39	SMALL ARMS (SOLDIER ENH PROG)		3,492		3,492		
40	REF SMALL ARMS		998		998		
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES		131,941		143,941		+ 12,000
41	SPARES AND REPAIR PARTS (WTCV)		20,088		20,088		
	TOTAL, PROCUREMENT OF W&TCV, ARMY		1,639,695		1,698,695		+ 59,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
2	BRADLEY BASE SUSTAINMENT	71,378	78,378	+ 7,000
	Bradley A3 vehicle diagnostics			+ 7,000
6	CARRIER, MOD		15,000	+ 15,000
	M113 Carrier MOD			+ 15,000
9	BFVS SERIES (MOD)	55,424	80,424	+ 25,000
	Bradley Fighting Vehicle reactive armor tiles			+ 25,000
38	INDUSTRIAL PREPAREDNESS	2,629	14,629	+ 12,000
	Arsenal Support Program Initiative			+ 12,000

M-113A2/A3 Armoring Initiative.—The Committee is encouraged by the success of armored kits for combat vehicles in the Iraqi theater of operations and encourages the Army to pursue the use of this technology on other vehicles, such as the M-113 Armored Personnel Carrier. There are well over 1,000 excess Bradley Fighting Vehicles that have armor that could be used for armor kits for M-113s that would increase the M-113 protection to a level greater than that of a Bradley. The Committee understands that these kits could be modified in CONUS at a minimum rate of 50 sets per week and then shipped to deployed units and installed in the field in several hours per set. This would be a low cost solution with existing armor sets. The Committee supports any efforts by the Army to assess this option for both deployed and deploying troops.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 2004	\$1,387,759,000
Budget estimate, 2005	1,556,902,000
Committee recommendation	1,606,502,000

The Committee recommends an appropriation of \$1,606,502,000. This is \$49,600,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
PROCUREMENT OF AMMUNITION, ARMY							
	AMMUNITION:						
	SMALL/MEDIUM CAL AMMUNITION:						
1	CTG, 5.56MM, ALL TYPES		\$173,550		\$173,550		
2	CTG, 7.62MM, ALL TYPES		45,062		45,062		
3	CTG, 9MM, ALL TYPES		5,078		5,078		
4	CTG, .50 CAL, ALL TYPES		59,810		59,810		
5	CTG, 2.5MM, ALL TYPES		21,600		21,600		
6	CTG, 30MM, ALL TYPES		9,726		9,726		
7	CTG, 40MM, ALL TYPES		119,658		119,658		
	MORTAR AMMUNITION:						
8	60MM MORTAR, ALL TYPES		38,436		38,436		
9	81MM MORTAR, ALL TYPES		4,597		6,597		+ \$2,000
10	CTG, MORTAR, 120MM, ALL TYPES		50,316		52,816		+ 2,500
	TANK AMMUNITION:						
11	CTG TANK 105MM: ALL TYPES		27,419		27,419		
12	120MM TANK TRAINING, ALL TYPES		139,718		139,718		
13	CTG, TANK, 120MM TACTICAL, ALL TYPES		49,845		49,845		
	ARTILLERY AMMUNITION:						
15	CTG ARTY, 105MM M927		33,286		33,286		
16	CTG, ARTY, 155MM, ALL TYPES		132,668		108,668		- 24,000
17	PROJ, 155MM EXTENDED RANGE XM982		16,960		8,060		- 8,900
18	MODULAR ARTILLERY CHARGE SYSTEM (MACS), ALL T		65,807		65,807		
	ARTILLERY FUZES:						
19	ARTILLERY FUZES, ALL TYPES		40,796		40,796		
	MINES:						
20	MINE, TRAINING, ALL TYPES		527		527		
21	MINES (CONVENTIONAL), ALL TYPES		4,242		4,242		
23	MINE, CLEARING CHARGE, ALL TYPES		1,020		1,020		
24	ANTI-PERSONNEL LANDMINE ALTERNATIVES		15,222		15,222		

25	ROCKETS:						
26	SHOULDER FIRED ROCKETS, ALL TYPES	15,414	15,414				
	ROCKET, HYDRA 70, ALL TYPES	164,689	164,689				
27	OTHER AMMUNITION:						
28	DEMOLITION MUNITIONS, ALL TYPES	29,193	32,193				+ 3,000
29	GRENADES, ALL TYPES	52,857	52,857				
30	SIGNALS, ALL TYPES	26,276	26,276				
	SIMULATORS, ALL TYPES	20,165	20,165				
	MISCELLANEOUS:						
31	AMMO COMPONENTS, ALL TYPES	8,550	8,550				
32	NON-LETHAL AMMUNITION, ALL TYPES	5,534	5,534				
33	CAD/PAD ALL TYPES	3,884	3,884				
34	ITEMS LESS THAN \$5 MILLION	11,398	11,398				
35	AMMUNITION PECULIAR EQUIPMENT	4,898	16,498				+ 11,600
36	FIRST DESTINATION TRANSPORTATION (AMMO)	10,700	10,700				
37	CLOSEOUT LIABILITIES	80	80				
	TOTAL, AMMUNITION	1,408,981	1,395,181				- 13,800
	AMMUNITION PRODUCTION BASE SUPPORT:						
	PRODUCTION BASE SUPPORT:						
38	PROVISION OF INDUSTRIAL FACILITIES	40,746	90,746				+ 50,000
39	LAYAWAY OF INDUSTRIAL FACILITIES	2,315	2,315				
40	MAINTENANCE OF INACTIVE FACILITIES	4,745	4,745				
41	CONVENTIONAL AMMO DEMILITARIZATION	95,372	108,772				+ 13,400
42	ARMS INITIATIVE	4,743	4,743				
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT	147,921	211,321				+ 63,400
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY	1,556,902	1,606,502				+ 49,600

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
9	81MM MORTAR, ALL TYPES	4,597	6,597	+ 2,000
	Cartridge, Mortar, 81mm, Infrared Illum, M816			+ 2,000
10	CTG, MORTAR, 120MM, ALL TYPES	50,316	52,816	+ 2,500
	Cartridge, Mortar, 120mm, Illum, w/MTSQ FZ, M930			+ 2,500
16	CTG, ARTY, 155MM, ALL TYPES	132,668	108,668	- 24,000
	M864 Program Delay			- 24,000
17	PROJ 155MM EXTENDED RANGE XM982	16,960	8,060	- 8,900
	Excalibur			- 8,900
27	DEMOLITION MUNITIONS, ALL TYPES	29,193	32,193	+ 3,000
	Blast Cap, Non-Electric, M19, M21 & M23			+ 3,000
35	AMMUNITION PECULIAR EQUIPMENT	4,898	16,498	+ 11,600
	Advanced Controlled Flexible Ammunition Distribution Mod- ule			+ 3,000
	Hydrolysis Demilitarization Demonstration Program—Tooele AD			+ 7,600
	Optimized Desert Peculiar Equipment			+ 1,000
38	PROVISION OF INDUSTRIAL FACILITIES	40,746	90,746	+ 50,000
	Flexible LAP for 120mm Mortar Family of Extended Range Ammunition			+ 2,000
	Flexible LAP Modern Munitions Enterprise			+ 10,000
	Insensitive Munitions Flexible Artillery Manufacturing Sys- tem			+ 5,000
	Insensitive Munitions Production—Holston Army Ammuni- tion Plant			+ 2,000
	Radford Army Ammunition Plant Modernization			+ 16,000
	Small Caliber Ammunition Production Upgrades—Lake City Army Ammunition Plant			+ 15,000
41	CONVENTIONAL MUNITIONS DEMILITARIZATION	95,372	108,772	+ 13,400
	Accelerated Propellant Charge Demilitarization			+ 6,000
	Additional Funding for Conventional Munitions Demili- tarization			+ 4,400
	Missile Recycling Capability—Anniston Munitions Center ...			+ 3,000

Hydrolysis Demilitarization Demonstration Program.—The Committee is encouraged by the progress of the Hydrolysis Demilitarization Demonstration Program and recommends an increase of \$7,600,000 to build a production prototype hydrolysis demilitarization unit for testing and operations at Tooele Army Depot.

Small Caliber Ammunition Production Upgrades.—The Global War on Terrorism has increased demand for small caliber ammunition and has strained U.S. production capabilities. In addition, recent changes in Army training doctrine place even further demands on this production capability. The Defense Department cannot meet small caliber ammunition needs unless existing capabilities are upgraded and additional capabilities are added. The Committee, therefore, recommends an increase of \$15,000,000 to modernize small caliber production lines at Lake City Army Ammunition Plant.

Demilitarization of Tactical Missiles.—The Committee recommends an increase of \$3,000,000 to complete the implementation of an organic missile recycling capability at the Anniston Munitions Center.

OTHER PROCUREMENT, ARMY

Appropriations, 2004	\$4,774,452,000
Budget estimate, 2005	4,240,896,000
Committee recommendation	4,685,846,000

The Committee recommends an appropriation of \$4,685,846,000. This is \$444,950,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, ARMY						
	TACTICAL AND SUPPORT VEHICLES:						
	TACTICAL VEHICLES:						
1	TACTICAL TRAILERS/DOLLY SETS		\$11,940		\$10,440		-\$1,500
2	SEMITRAILERS, FLATBED		9,242		9,242		
3	SEMITRAILERS, TANKERS		667		667		
4	HI MOB MULTI-PURP WHLD VEH (HMMWV)		303,692		303,692		
5	TRUCK, DUMP, 20T (CCE)				4,500		+4,500
6	FAMILY OF MEDIUM TACTICAL VEH (FMTV)		505,664		507,664		+2,000
7	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN		2,198		18,448		+16,250
8	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)		84,038		189,038		+105,000
10	TRUCK, TRACTOR, LINE HAUL, M915/M916		15,314		30,314		+15,000
13	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV P		19,204		19,204		
14	MODIFICATION OF IN SVC EQUIP		25,848		25,848		
15	ITEMS LESS THAN \$5.0M (TAC VEH)		247		247		
16	TOWING DEVICE—FIFTH WHEEL		1,907		1,907		
	NON-TACTICAL VEHICLES:						
17	HEAVY ARMORED SEDAN		196		196		
18	PASSENGER CARRYING VEHICLES		197		197		
19	NONTACTICAL VEHICLES, OTHER		196		196		
	TOTAL, TACTICAL AND SUPPORT VEHICLES		980,550		1,121,800		+141,250
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
	COMM—JOINT COMMUNICATIONS:						
21	JCSE EQUIPMENT (USREDCOM)		4,550		4,550		
	COMM—SATELLITE COMMUNICATIONS:						
22	DEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPAC)		99,775		105,175		+5,400
23	SHF TERM		30,621		26,621		-4,000
24	SAT TERM, EMUT (SPACE)		3,371		3,371		
25	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE)		40,067		48,067		+8,000
26	SMART-T (SPACE)		73,354		71,654		-1,700
27	SCAMP (SPACE)		600		600		

28	MILSTAR COMPONENTS (SPACE)	25,282	25,282	25,282	25,282	25,282
29	GLOBAL BRODCST SVC—GBS	12,664	12,664	12,664	12,664	12,664
30	MOD OF IN-SVC EQUIP (TAC SAT)	198	198	198	198	198
31	COMM—C3 SYSTEM: ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	19,790	19,790	19,790	19,790	19,790
32	COMM—COMBAT COMMUNICATIONS: ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO)	34,435	41,435	41,435	41,435	+ 7,000
33	JTRS CLUSTER 1	121,452	111,452	111,452	111,452	- 10,000
34	RADIO TERMINAL SET, MIDS LVT(2)	3,223	3,223	3,223	3,223	
35	SINGGARS FAMILY	48,614	63,014	63,014	63,014	+ 14,400
36	MULTI-PURPOSE INFORMATION OPERATIONS SYSTEMS	7,776	7,776	7,776	7,776	
37	JOINT TACTICAL AREA COMMAND SYSTEMS	843	843	843	843	
38	ACUS MOD PROGRAM	81,317	81,317	81,317	81,317	
39	COMMS-ELEC EQUIP FIELDING	8,889	8,889	8,889	8,889	
40	SOLDIER ENHANCEMENT PROGRAM COMMELECTRONICS	25,952	25,952	25,952	25,952	
41	COMBAT SURVIVOR EVADER LOCATOR (CSEL)	28,767	28,767	28,767	28,767	
42	RADIO, IMPROVED HF FAMILY	6,948	6,948	6,948	6,948	
43	MEDICAL COMM FOR CBT CASUALTY CARE (MCA)	4,662	4,662	4,662	4,662	
44	COMM—INTELLIGENCE COMM: CI AUTOMATION ARCHITECTURE	1,279	1,279	1,279	1,279	
45	INFORMATION SECURITY: TSEC—ARMY KEY MGT SYS (AKMS)	2,834	2,834	2,834	2,834	
46	INFORMATION SYSTEM SECURITY PROGRAM—ISSP	114,124	114,124	114,124	114,124	
47	COMM—LONG HAUL COMMUNICATIONS: TERRESTRIAL TRANSMISSION	23,421	23,421	23,421	23,421	
48	BASE SUPPORT COMMUNICATIONS	40,564	69,864	69,864	69,864	+ 29,300
49	ARMY DISN ROUTER	6,133	6,133	6,133	6,133	
50	ELECTROMAG COMP PROG (EMCP)	469	469	469	469	
51	WW TECH CON IMP PROG (WWTCIP)	2,698	2,698	2,698	2,698	
52	COMM—BASE COMMUNICATIONS: INFORMATION SYSTEMS	268,940	275,940	275,940	275,940	+ 7,000
53	DEFENSE MESSAGE SYSTEM (DMS)	12,296	12,296	12,296	12,296	
54	LOCAL AREA NETWORK (LAN)	84,820	84,820	84,820	84,820	
55	PENTAGON INFORMATION MGT AND TELECOM	14,671	14,671	14,671	14,671	
58	ELECT EQUIP—TACT INT REL ACT (TIARA): ALL SOURCE ANALYSIS SYS (ASAS) (TIARA)	15,979	15,979	15,979	15,979	
59	JTT/CBS-M (TIARA)	13,993	13,993	13,993	13,993	

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
60	PROPHET GROUND (TIARA)	.....	17,692	.....	20,692	.....	+ 3,000
61	TUAV	.....	100,456	.....	149,056	.....	+ 48,600
63	DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (TIARA)	.....	9,138	.....	9,138	.....	.....
65	TACTICAL EXPLOITATION SYSTEM (TIARA)	.....	14,094	.....	15,094	.....	+ 1,000
66	DCGS-A UNIT OF EMPLOYMENT (JMIP)	.....	9,575	.....	9,575	.....	.....
67	TROJAN (TIARA)	.....	5,840	.....	5,840	.....	.....
68	MOD OF IN-SVC EQUIP (INTEL SPT) (TIARA)	.....	2,594	.....	2,594	.....	.....
69	CI HUMINT INFO MANAGEMENT SYSTEM (CHIMS) (TIA)	.....	2,924	.....	2,924	.....	.....
70	ITEMS LESS THAN \$5.0M (TIARA)	.....	4,287	.....	7,287	.....	+ 3,000
	ELECT EQUIP—TACTICAL SURV. (TAC SURV):						
74	SENTINEL MODS	.....	7,487	.....	7,487	.....	.....
75	NIGHT VISION DEVICES	.....	102,325	.....	110,325	.....	+ 8,000
76	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM	.....	49,176	.....	49,176	.....	.....
78	NIGHT VISION, THERMAL WPN SIGHT	.....	54,809	.....	54,809	.....	.....
80	MOD OF IN-SVC EQUIP (MMS)	.....	461	.....	461	.....	.....
81	MOD OF IN-SVC EQUIP (MVS)	.....	280	.....	280	.....	.....
82	PORTABLE INDUCTIVE ARTILLERY FUZE SETTER	.....	1,985	.....	1,985	.....	.....
83	PROFLER	.....	4,963	.....	8,363	.....	+ 3,400
84	MOD OF IN-SVC EQUIP (TAC SURV)	.....	17,444	.....	21,444	.....	+ 4,000
85	FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2)	.....	120,073	.....	120,073	.....	.....
86	LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLD)	.....	12,339	.....	12,339	.....	.....
87	MORTAR FIRE CONTROL SYSTEM	.....	14,633	.....	14,633	.....	.....
88	INTEGRATED MET SYS SENSORS (IMEIS)—TIARA	.....	346	.....	346	.....	.....
89	ENHANCED SENSOR & MONITORING SYSTEM	.....	1,456	.....	1,456	.....	.....
	ELECT EQUIP—TACTICAL C2 SYSTEMS:						
90	TACTICAL OPERATIONS CENTERS	.....	50,692	.....	50,692	.....	.....
91	ADV FA TAC DATA SYS/EFF CTRL SYS (AFATDS/EC)	.....	26,922	.....	26,922	.....	.....
92	MOD OF IN-SVC EQUIP, AFATDS	.....	3,990	.....	3,990	.....	.....
93	LIGHT WEIGHT TECH FIRE DIRECTION SYS (LWT)	.....	2,018	.....	2,018	.....	.....
94	CMBT SVC SUPT CONTROL SYS (CSCCS)	.....	11,909	.....	11,909	.....	.....
95	FAAD C2	.....	12,873	.....	12,873	.....	.....
96	AIR & MSI DEFENSE PLANNING & CONTROL SYS (AMD)	.....	6,400	.....	6,400	.....	.....
97	FORWARD ENTRY DEVICE/LIGHTWEIGHT FED (FED/L)	.....	2,045	.....	2,045	.....	.....

98	KNIGHT FAMILY	2,236	.....	2,236	.....	.....
99	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	1,827	.....	1,827	.....	.....
100	LOGTECH	24,416	.....	32,416	.....	+8,000
101	TC AIMS II	16,376	.....	16,376	.....	+5,500
104	JOINT NETWORK MANAGEMENT SYSTEM (JNMS)	12,587	.....	18,087	.....	.....
105	TACTICAL INTERNET MANAGER	11,363	.....	11,363	.....	.....
106	MANEUVER CONTROL SYSTEM (MCS)	29,136	.....	29,136	.....	.....
107	STAMIS TACTICAL COMPUTERS (STACOMP)	54,581	.....	54,581	.....	.....
	ELECT EQUIP—AUTOMATION:					
109	ARMY TRAINING MODERNIZATION	5,377	.....	5,377	.....	.....
110	AUTOMATED DATA PROCESSING EQUIP	146,184	.....	151,184	.....	+5,000
111	RESERVE COMPONENT AUTOMATION SYS (RCAS)	48,467	.....	50,467	.....	+2,000
	ELECT EQUIP—AUDIO VISUAL SYS (A/V):					
112	AFRTS	1,801	.....	1,801	.....	.....
113	ITEMS LESS THAN \$5.0M (A/V)	1,624	.....	1,624	.....	.....
114	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	2,298	.....	2,298	.....	.....
	ELECT EQUIP—SUPPORT:					
115	PRODUCTION BASE SUPPORT (C-E)	434	.....	434	.....	.....
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	2,315,304	.....	2,462,204	.....	+146,900
	OTHER SUPPORT EQUIPMENT:					
	CHEMICAL DEFENSIVE EQUIPMENT:					
116	SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM)	3,863	.....	3,863	.....	.....
	BRIDGING EQUIPMENT:					
117	TACTICAL BRIDGING	34,137	.....	34,137	.....	.....
118	TACTICAL BRIDGE, FLOAT-RIBBON	17,360	.....	32,360	.....	+15,000
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT:					
121	HANDHELD STANDOFF MINEFIELD DETECTION SYS—HST	6,906	.....	6,906	.....	.....
122	KIT, STANDARD, TELEOPERATING	3,023	.....	3,023	.....	.....
123	GRND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS)	2,001	.....	2,001	.....	.....
124	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	1,038	.....	1,038	.....	.....
125	EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT)	12,670	.....	12,670	.....	.....
126	ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT	680	.....	7,080	.....	+6,400
	COMBAT SERVICE SUPPORT EQUIPMENT:					
127	HEATERS AND ECU'S	17,554	.....	17,554	.....	.....
128	LAUNDRIES, SHOWERS AND LATRINES	2,020	.....	2,020	.....	.....
130	SOLDIER ENHANCEMENT	7,275	.....	12,275	.....	+5,000

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
131	LIGHTWEIGHT MAINTENANCE ENCLOSURE (LME)	30	10,030	10,030		+ 10,000	
132	LAND WARRIOR	8,896	8,896	8,896			
135	FIELD FEEDING EQUIPMENT	20,063	20,063	20,063			
136	AIR DROP PROGRAM	14,288	14,288	14,288			
137	ITEMS LESS THAN \$5.0M (ENG SPT EQ)	6,546	6,546	6,546			
138	ITEMS LESS THAN \$5.0M (CSSEQ)		4,500	4,500		+ 4,500	
	PETROLEUM EQUIPMENT:						
140	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	38,091	38,091	38,091			
	WATER EQUIPMENT:						
142	WATER PURIFICATION SYSTEMS	12,581	12,581	12,581			
	MEDICAL EQUIPMENT:						
143	COMBAT SUPPORT MEDICAL	11,743	11,743	11,743			+ 10,000
	MAINTENANCE EQUIPMENT:						
144	SHOP EQ CONTACT MAINTENANCE TRK MTD (MYP)	9,427	9,427	9,427			
146	ITEMS LESS THAN \$5.0M (MAINT EQ)	5,439	5,439	5,439			
	CONSTRUCTION EQUIPMENT:						
149	MISSION MODULES—ENGINEERING	5,863	5,863	5,863			
151	LOADERS	10,202	10,202	10,202			
155	CRANES	3,812	3,812	3,812			
158	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	8,675	8,675	8,675			
159	CONST EQUIP ESP	5,310	5,310	15,310		+ 10,000	
160	ITEMS LESS THAN \$5.0M (CONST EQUIP)	7,192	7,192	7,192			
	RAIL FLOAT CONTAINERIZATION EQUIPMENT:						
161	LOGISTIC SUPPORT VESSEL (LSV)		2,000	2,000		+ 2,000	
164	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)		3,465	3,465			
	GENERATORS:						
165	GENERATORS AND ASSOCIATED EQUIP	54,397	54,397	58,397		+ 4,000	
	MATERIAL HANDLING EQUIPMENT:						
167	ALL TERRAIN LIFTING ARMY SYSTEM	1,315	1,315	1,315			
169	ITEMS LESS THAN \$5.0M (MHE)		6,000	6,000		+ 6,000	

170	TRAINING EQUIPMENT:								
171	COMBAT TRAINING CENTERS (CTC) SUPPORT	86,421	86,421						
172	TRAINING DEVICES, NONSYSTEM	241,946	300,846						+ 58,900
173	CLOSE COMBAT TACTICAL TRAINER	61,811	61,811						
	AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA)	40,803	55,803						+ 15,000
175	TEST MEASURE AND DIG EQUIPMENT (TMD):								
176	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	4,054	4,054						
	TEST EQUIPMENT MODERNIZATION (TEMOD)	5,214	5,214						
	OTHER SUPPORT EQUIPMENT:								
178	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	13,510	13,510						
179	PHYSICAL SECURITY SYSTEMS (OPA3)	68,044	78,044						+ 10,000
180	BASE LEVEL COM'L EQUIPMENT	7,197	7,197						
181	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	10,457	10,457						
182	PRODUCTION BASE SUPPORT (OTH)	2,655	2,655						
183	SPECIAL EQUIPMENT FOR USER TESTING	9,905	9,905						
184	MA8975	2,447	2,447						
	TOTAL, OTHER SUPPORT EQUIPMENT	890,326	1,047,126						+ 156,800
	SPARE AND REPAIR PARTS:								
185	INITIAL SPARES—C&E	44,102	44,102						
186	INITIAL SPARES—OTHER SUPPORT EQUIP	1,260	1,260						
	TOTAL, SPARE AND REPAIR PARTS	45,362	45,362						
	CLASSIFIED PROGRAMS	9,354	9,354						
	TOTAL, OTHER PROCUREMENT, ARMY	4,240,896	4,685,846						+ 444,950

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	TACTICAL TRAILERS/DOLLY SETS	11,940	10,440	- 1,500
	Unjustified Cost Growth			- 1,500
5	TRUCK, DUMP, 20T (CCE)		4,500	+ 4,500
	Heli-Basket Module Technology for the National Guard			+ 4,500
6	FAMILY OF MEDIUM TACTICAL VEH [FMTV]	505,664	507,664	+ 2,000
	M100 GMENS Navigation System for Family of Medium Tactical Vehicles			+ 2,000
7	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	2,198	18,448	+ 16,250
	Tactical Fire Fighting Equipment for Army National Guard and Reserve			+ 16,250
8	FAMILY OF HEAVY TACTICAL VEHICLES [FHTV]	84,038	189,038	+ 105,000
	HEMTT & Palletized Load System [PLS]			+ 75,000
	Movement Tracking System [MTS]			+ 30,000
10	TRUCK, TRACTOR, LINE HAUL, M915/M916	15,314	30,314	+ 15,000
	M915A3 Family of Military Vehicles			+ 15,000
22	DEFENSE SAT COMMUNICATIONS SYSTEM (SPACE)	99,775	105,175	+ 5,400
	Satellite-based Interoperable Network Communications System, MO Prototype			+ 5,400
23	SHF TERM	30,621	26,621	- 4,000
	Unjustified cost growth			- 4,000
25	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE)	40,067	48,067	+ 8,000
	Defense Advanced GPS Receiver [DAGR] program			+ 5,000
	PRC-112D Search and Rescue Upgrade Kits			+ 3,000
26	SMART-T (SPACE)	73,354	71,654	- 1,700
	Unjustified cost growth			- 1,700
32	ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO)	34,435	41,435	+ 7,000
	Procurement of Enhanced Position Location System [EPLRS]			+ 7,000
33	JTRS CLUSTER 1	121,452	111,452	- 10,000
	Excessive management costs			- 10,000
35	SINGGARS FAMILY	48,614	63,014	+ 14,400
	Anti-Spoofing Module [SAASM/TBMS]			+ 4,400
	SINGGARS Radios for the Army National Guard			+ 10,000
48	BASE SUPPORT COMMUNICATIONS	40,564	69,864	+ 29,300
	PACMERS			+ 9,500
	USARPAC C4 Information Infrastructure			+ 1,000
	Pacific Deployable C4 package			+ 1,000
	Alaska Land Mobile Radio			+ 13,800
	Emergency Response System—Rock Island Arsenal			+ 4,000
52	INFORMATION SYSTEMS	268,940	275,940	+ 7,000
	Palmtop Emergency Action for Chemical [PEAC] Tool			+ 7,000
60	PROPHET GROUND (TIARA)	17,692	20,692	+ 3,000
	Prophet Block I Enhancements			+ 3,000
61	TUAV	100,456	149,056	+ 48,600
	Shadow Tactical Unmanned Aerial Vehicle [TUAV]			+ 25,600
	Predator			+ 11,000
	RQ-5A Hunter Unmanned Aerial Vehicle [UAV]			+ 5,000
	Tactical Unmanned Aerial Vehicle Common Data Link			+ 2,000
	Shadow TUAV components			+ 5,000
65	TACTICAL EXPLOITATION SYSTEM (TIARA)	14,094	15,094	+ 1,000
	Tacticomp			+ 1,000
70	ITEMS LESS THAN \$5.0M (TIARA)	4,287	7,287	+ 3,000
	National Guard virtual, low-cost infrastructure pilot program			+ 3,000
75	NIGHT VISION DEVICES	102,325	110,325	+ 8,000
	Mini-IR MX2 for the 18th Airborne Corps			+ 1,000
	Small Tactical Optical Rifle Mounted Micro-LASER Range Finding System			+ 5,000
	AN/PEM-1 LASER Borelight System [LBS]			+ 2,000
83	PROFILER	4,963	8,363	+ 3,400

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Meteorological Measuring Set-Profiler (Profiler)			+ 3,400
84	MOD OF IN-SVC EQUIP (TAC SURV)	17,444	21,444	+ 4,000
	AN/TPQ-36(V)8 Radar Processor Replacement			+ 4,000
100	LOGTECH	24,416	32,416	+ 8,000
	Rock Island, Pine Bluff, Anniston AIT Automation Initiative			+ 8,000
104	JOINT NETWORK MANAGEMENT SYSTEM [JNMS]	12,587	18,087	+ 5,500
	Joint Force Wireless Redundant Communications for the National Guard			+ 5,500
110	AUTOMATED DATA PROCESSING EQUIP	146,184	151,184	+ 5,000
	Standard Army Retail Supply System In-Transit Visibility			+ 5,000
111	RESERVE COMPONENT AUTOMATION SYS [RCAS]	48,467	50,467	+ 2,000
	Regional Medical Distributive Learning			+ 2,000
118	TACTICAL BRIDGE, FLOAT-RIBBON	17,360	32,360	+ 15,000
	Common Bridge Transporter for the Army National Guard			+ 15,000
126	ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT	680	7,080	+ 6,400
	Buffalo Mine Clearance Vehicles			+ 6,400
130	SOLDIER ENHANCEMENT	7,275	12,275	+ 5,000
	Kevlar Helmet retro fit suspension system			+ 5,000
131	LIGHTWEIGHT MAINTENANCE ENCLOSURE [LME]	30	10,030	+ 10,000
	LME			+ 10,000
138	ITEMS LESS THAN \$5.0M (CSS EQ)		4,500	+ 4,500
	RI-2200 and RI-2400 Long Arm High Intensity Flashlights			+ 4,500
143	COMBAT SUPPORT MEDICAL	11,743	21,743	+ 10,000
	Chitosan Hemorrhage Control Dressing-A			+ 10,000
159	CONST EQUIP ESP	5,310	15,310	+ 10,000
	Construction Equipment SLEP-ARNG/USAR			+ 10,000
161	LOGISTIC SUPPORT VESSEL [LSV]		2,000	+ 2,000
	Logistics Support Vessel (LSV M11200) Service Life Extension Program			+ 2,000
165	GENERATORS AND ASSOCIATED EQUIP	54,397	58,397	+ 4,000
	100kW Generators			+ 4,000
169	ITEMS LESS THAN \$5.0M (MHE)		6,000	+ 6,000
	Modular Causeway System			+ 6,000
171	TRAINING DEVICES, NONSYSTEM	241,946	300,846	+ 58,900
	Laser Marksmanship Training System			+ 5,000
	MOUT Instrumentation—Fort Bragg			+ 2,400
	Combat Arms Training System for the Army National Guard			+ 7,500
	172nd SIB range improvement plan			+ 15,000
	USARPAC SBCT C4 infrastructure			+ 6,000
	USARPAC live instrumented training			+ 3,000
	Call For Fire Trainer/Joint Fires and Effects Trainer System			+ 10,000
	Non-systems Training Devices for Up-Armored HMMWV and Tactical Truck Trainers			+ 10,000
173	AVIATION COMBINED ARMS TACTICAL TRAINER [AVCA]	40,803	55,803	+ 15,000
	U.S. Army Aviation Combined Arms Tactical Trainer			+ 15,000
179	PHYSICAL SECURITY SYSTEMS (OPA3)	68,044	78,044	+ 10,000
	East Battlefield Anti-Intrusion System [BAIS]			+ 10,000

Joint Tactical Radio System [JTRS].—It is currently the policy of the Department of Defense that any radio purchased including those necessary to go to war, will require a JTRS waiver. The continued enforcement of this policy, in the absence of any JTRS solutions, has made it very difficult for commanders to appropriately equip deploying units with essential communications in a timely manner. The Committee believes that the JTRS waiver process adds a significant and unnecessary burden to the purchase of urgently required mission equipment.

While the Committee understands the rationale for issuing a blanket policy with regard to JTRS communications equipment, the Committee notes the bottleneck that this policy has caused. There-

fore, the Committee directs the Assistant Secretary of Defense for Networks and Information Integration to report back to the congressional defense committees no later than January 3, 2005 on a new plan which establishes and describes a process which allows the rapid fielding of radios, terminals, or other communications systems which are not JTRS compliant. Further, this report should address the option of suspending the JTRS waiver process until JTRS solutions are available for fielding.

Additionally, the Committee is concerned that the Joint Tactical Radio System program support costs have been assigned to several different accounts within the Army, and in doing so have escalated to an excessive level. Therefore, the Committee recommends a reduction of \$10,000,000 from the procurement line due to excessive management costs.

SINGARS Power Alternatives.—The wide scale use of SINGARS communications platforms has created a significant power supply problem for deployed units in both Iraq and Afghanistan. The dependence of SINGARS radios on battery power has resulted in tremendous operational costs as a result of constantly replacing disposable batteries and corresponding battery shortages.

The Committee is aware of low cost, lightweight AC power supplies for SINGARS that have been purchased by various units in the field to address this systemic problem. The Committee recommends that the Secretary of the Army conduct a comprehensive review of the costs associated with an over reliance on batteries and whether or not the Army would be better served by supplementing units using SINGARS with AC power supply solutions to reduce battery usage and increase SINGARS availability.

Maintenance Support Device.—The Committee is concerned by recent decisions made by the Army to terminate funding for the Maintenance Support Device, which is a vital Test Measurement Diagnostic Equipment [TMDE] asset providing a comprehensive maintenance and diagnostic system to our warfighters and maintainers in the field. This action could have a substantially negative impact on force readiness.

Calibration Sets Equipment Modernization.—The Committee notes, with concern, that the President's budget request contains no funding for Calibration Sets [CALSETS], and that the Army has not completed the procurement and fielding of CALSETS. The Committee further notes that this decision places a particular burden on the Guard and Reserve forces, and given the increased reliance on the Army Total Force to support worldwide contingency operations, it is imperative that these critical assets be available across the entire force for both training and deployment. The Committee directs the Army to report back to the congressional defense committees no later than January 3, 2005 on the Army plan to ensure that there are adequate resources to continue fielding this equipment across the Army Total Force.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 2004	\$9,110,848,000
Budget estimate, 2005	8,767,867,000
Committee recommendation	8,899,367,000

The Committee recommends an appropriation of \$8,899,367,000. This is \$131,500,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, NAVY							
COMBAT AIRCRAFT:							
1	AV-8B (V/STOL) HARRIER (MYP)	.....	\$4,659	.....	\$4,659	.....	.....
2	EA-18G (AP-CY)	.....	8,243	.....	8,243	.....	.....
3	FA-18E/F (FIGHTER) HORNET (MYP)	.....	2,907,456	42	2,907,456	.....	.....
4	FA-18E/F (FIGHTER) HORNET (MYP) (AP-CY)	.....	78,306	.....	78,306	.....	.....
5	V-22 (MEDIUM LIFT)	.....	846,571	8	846,571	.....	.....
6	V-22 (MEDIUM LIFT) (AP-CY)	.....	71,490	.....	71,490	.....	.....
7	UH-1Y/AH-1Z	.....	241,792	9	241,792	.....	.....
8	MH-60S (MYP)	.....	295,595	15	295,595	.....	.....
9	MH-60S (MYP) (AP-CY)	.....	105,159	.....	105,159	.....	.....
10	MH-60R	.....	338,491	8	338,491	.....	.....
11	MH-60R (AP-CY)	.....	70,604	.....	70,604	.....	.....
12	E-2C (EARLY WARNING) HAWKEYE (MYP)	.....	211,537	2	211,537	.....	.....
13	E-2C (EARLY WARNING) HAWKEYE (MYP) (AP-CY)	.....	36,413	.....	36,413	.....	.....
	TOTAL, COMBAT AIRCRAFT	.....	5,216,316	.....	5,216,316	.....	.....
AIRLIFT AIRCRAFT:							
14	UC-35	.....	.....	1	16,000	.....	+ \$16,000
15	C-40A	.....	65,224	1	65,224	.....	.....
16	C-37	.....	53,331	2	106,631	.....	+ 53,300
	TOTAL, AIRLIFT AIRCRAFT	.....	118,555	.....	187,855	.....	+ 69,300
TRAINER AIRCRAFT:							
17	T-48 (T-39 REPLACEMENT)	.....	52,435	.....	.....	.....	- 52,435
18	T-45TS (TRAINER) GOSHAWK	.....	253,589	10	306,024	.....	+ 52,435
19	JPATS	.....	2,534	.....	14,534	.....	+ 12,000
	TOTAL, TRAINER AIRCRAFT	.....	308,558	.....	320,558	.....	+ 12,000
OTHER AIRCRAFT:							
20	KC-130J	.....	278,686	4	278,686	.....	.....
21	ADVANCE PROCUREMENT (CY)	.....	45,531	.....	45,531	.....	.....

F-5	9	4,487	9	4,487	9	4,487	.....	.....
22	TOTAL, OTHER AIRCRAFT							328,704	4,487
	MODIFICATION OF AIRCRAFT:									
23	EA-6 SERIES	165,702	.....	175,402	.....	.....	.....	+9,700
24	AV-8 SERIES	20,808	.....	26,808	.....	.....	.....	+6,000
26	ADVERSARY	5,465	.....	5,465	.....	.....	.....	.....
27	F-18 SERIES	412,495	.....	412,495	.....	.....	.....	.....
28	H-46 SERIES	71,179	.....	71,179	.....	.....	.....	.....
29	AH-1W SERIES	2,153	.....	7,153	.....	.....	.....	+5,000
30	H-53 SERIES	9,835	.....	21,835	.....	.....	.....	+12,000
31	SH-60 SERIES	11,655	.....	11,655	.....	.....	.....	.....
32	H-1 SERIES	3,488	.....	8,488	.....	.....	.....	+5,000
33	EP-3 SERIES	28,339	.....	28,339	.....	.....	.....	.....
34	P-3 SERIES	134,970	.....	139,970	.....	.....	.....	+5,000
35	S-3 SERIES	1,861	.....	1,861	.....	.....	.....	.....
36	E-2 SERIES	15,124	.....	15,124	.....	.....	.....	.....
37	TRAINER A/C SERIES	14,040	.....	14,040	.....	.....	.....	.....
38	C-2A	29,564	.....	29,564	.....	.....	.....	.....
39	C-130 SERIES	15,419	.....	20,419	.....	.....	.....	+5,000
40	FEWSG	579	.....	579	.....	.....	.....	.....
41	CARGO/TRANSPORT A/C SERIES	8,285	.....	8,285	.....	.....	.....	.....
42	E-6 SERIES	19,721	.....	19,721	.....	.....	.....	.....
43	EXECUTIVE HELICOPTERS SERIES	21,800	.....	21,800	.....	.....	.....	.....
44	SPECIAL PROJECT AIRCRAFT	12,415	.....	12,415	.....	.....	.....	.....
45	T-45 SERIES	44,190	.....	44,190	.....	.....	.....	.....
46	POWER PLANT CHANGES	24,409	.....	24,409	.....	.....	.....	.....
47	JPATS SERIES	648	.....	648	.....	.....	.....	.....
48	AVIATION LIFE SUPPORT MODS	7,364	.....	7,364	.....	.....	.....	.....
49	COMMON ECM EQUIPMENT	43,163	.....	43,163	.....	.....	.....	.....
50	COMMON AVIONICS CHANGES	167,504	.....	167,504	.....	.....	.....	.....
51	ID SYSTEMS	1,575	.....	1,575	.....	.....	.....	.....
52	V-22 (TILT/ROTOR ACFT) OSPREY	3,448	.....	3,448	.....	.....	.....	.....
	TOTAL, MODIFICATION OF AIRCRAFT							1,344,898	47,700	
53	AIRCRAFT SPARES AND REPAIR PARTS:									
	SPARES AND REPAIR PARTS							925,813	
54	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES:									
	COMMON GROUND EQUIPMENT							474,521	

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
55	AIRCRAFT INDUSTRIAL FACILITIES .....	.....	16,115	.....	16,115	.....	.....
56	WAR CONSUMABLES .....	.....	9,070	.....	11,570	.....	+2,500
57	OTHER PRODUCTION CHARGES .....	.....	9,883	.....	9,883	.....	.....
58	SPECIAL SUPPORT EQUIPMENT .....	.....	61,553	.....	61,553	.....	.....
59	FIRST DESTINATION TRANSPORTATION .....	.....	1,581	.....	1,581	.....	.....
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES .....	.....	572,723	.....	575,223	.....	+2,500
	TOTAL, AIRCRAFT PROCUREMENT, NAVY .....	.....	8,767,867	.....	8,899,367	.....	+131,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
14	UC-35		16,000	+ 16,000
	Additional aircraft			+ 16,000
16	C-37	53,331	106,631	+ 53,300
	Additional aircraft			+ 53,300
17	T-48 (T-39 REPLACEMENT)	52,435		- 52,435
	Program postponed			- 52,435
18	T-45TS (TRAINER) GOSHAWK	253,589	306,024	+ 52,435
	Additional aircraft			+ 52,435
19	JPATS	2,534	14,534	+ 12,000
	Additional aircraft			+ 12,000
23	EA-6 Series	165,702	175,402	+ 9,700
	EA-6B ICAP III Weapons System Trainer			+ 9,700
24	AV-8 Series	20,808	26,808	+ 6,000
	Litening Pod Downlink Development			+ 6,000
29	AH-1W Series	2,153	7,153	+ 5,000
	Super Cobra Night Targeting System			+ 5,000
30	H-53 Series	9,835	21,835	+ 12,000
	CH-53 IMD-HUMS			+ 12,000
32	H-1 Series	3,488	8,488	+ 5,000
	UH-1N Navigation Thermal Imaging System			+ 5,000
34	P-3 Series	134,970	139,970	+ 5,000
	P-3C AIP Tactical Common Data Link upgrade			+ 5,000
39	C-130 Series	15,419	20,149	+ 5,000
	Electronic Propeller Control System			+ 5,000
56	WAR CONSUMABLES	9,070	11,570	+ 2,500
	Navy Aerial Refueling Store Advanced Power System [ARSIPS]			+ 2,500

WEAPONS PROCUREMENT, NAVY

Appropriations, 2004	\$2,095,784,000
Budget estimate, 2005	2,101,529,000
Committee recommendation	2,222,620,000

The Committee recommends an appropriation of \$2,222,620,000. This is \$121,091,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	WEAPONS PROCUREMENT, NAVY						
	BALLISTIC MISSILES:						
1	TRIDENT II	5	\$73,067	5	\$73,067		
2	TRIDENT II MODS		695,555		695,555		
	SUPPORT EQUIPMENT AND FACILITIES:						
3	MISSILE INDUSTRIAL FACILITIES		1,334		1,334		
	TOTAL, BALLISTIC MISSILES						
			769,956		769,956		
	OTHER MISSILES:						
	STRATEGIC MISSILES:						
4	TOMAHAWK	293	256,196	316	293,196	+23	+\$37,000
5	ESSM	71	80,313	71	80,313		
	TACTICAL MISSILES:						
6	AMRAAM	46	33,914	46	28,914		-5,000
7	SIDEWINDER	157	35,177	157	31,377		-3,800
8	JSOW	389	139,407	389	144,407		+5,000
10	STANDARD MISSILE	75	150,098	75	150,098		
11	RAM	90	47,412	90	47,412		
12	AERIAL TARGETS		72,686		72,686		
13	DRONES AND DECOYS				20,000		+20,000
14	OTHER MISSILE SUPPORT		10,385		10,385		
	MODIFICATION OF MISSILES:						
17	STANDARD MISSILES MODS		51,790		51,790		
	SUPPORT EQUIPMENT AND FACILITIES:						
18	WEAPONS INDUSTRIAL FACILITIES		4,037		4,107		+37,000
	ORDNANCE SUPPORT EQUIPMENT:						
19	ORDNANCE SUPPORT EQUIPMENT		56,073		56,073		
	TOTAL, OTHER MISSILES						
			937,488		1,027,688		+90,200

20	TORPEDOES AND RELATED EQUIPMENT: TORPEDOES AND RELATED EQUIP: ASW TARGETS .....	.....	23,973	.....	23,973	.....	.....
21	MOD OF TORPEDOES AND RELATED EQUIP: MK-46 TORPEDO MODS .....	.....	61,413	.....	61,413	.....	.....
22	MK-48 TORPEDO ADCAP MODS .....	.....	61,185	.....	61,185	.....	.....
23	QUICKSTRIKE MINE .....	.....	2,981	.....	2,981	.....	.....
24	SUPPORT EQUIPMENT: TORPEDO SUPPORT EQUIPMENT .....	.....	23,401	.....	23,401	.....	.....
25	ASW RANGE SUPPORT .....	.....	12,935	.....	12,935	.....	.....
26	DESTINATION TRANSPORTATION: FIRST DESTINATION TRANSPORTATION .....	.....	3,123	.....	3,123	.....	.....
	TOTAL, TORPEDOES AND RELATED EQUIPMENT .....	.....	189,011	.....	189,011	.....	.....
	OTHER WEAPONS: GUNS AND GUN MOUNTS:	.....	.....	.....	.....	.....	.....
27	SMALL ARMS AND WEAPONS .....	.....	2,195	.....	2,195	.....	.....
28	COAST GUARD WEAPONS .....	.....	5,349	.....	.....	.....	-5,349
30	MODIFICATION OF GUNS AND GUN MOUNTS: CWS MODS .....	.....	86,128	.....	106,128	.....	+ 20,000
32	GUN MOUNT MODS .....	.....	25,858	.....	60,858	.....	+ 35,000
33	OTHER: TACTICAL UAV—PIONEER .....	.....	8,775	.....	8,775	.....	.....
34	CRUISER MODERNIZATION .....	.....	8,760	.....	.....	.....	-8,760
36	TOTAL, OTHER WEAPONS .....	.....	137,065	.....	177,956	.....	+ 40,891
	SPARES AND REPAIR PARTS .....	.....	68,009	.....	58,009	.....	- 10,000
	TOTAL, WEAPONS PROCUREMENT, NAVY .....	.....	2,101,529	.....	2,222,620	.....	+ 121,091

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
4	TOMAHAWK	256,196	293,196	+ 37,000
	Additional Missiles			+ 37,000
6	AMRAAM	33,914	28,914	- 5,000
	Production Support continuity with USAF			- 5,000
7	SIDEWINDER	35,177	31,377	- 3,800
	Accounting/Pricing Inconsistencies			- 3,800
8	JSOW	139,407	144,407	+ 5,000
	JSOW-C			+ 5,000
13	DRONES AND DECOYS		20,000	+ 20,000
	ITALD			+ 20,000
18	WEAPONS INDUSTRIAL FACILITIES	4,037	41,037	+ 37,000
	ABL Facility Restoration			+ 34,500
	Bacchus Naval Industrial Plant			+ 2,500
28	COAST GUARD WEAPONS	5,349		- 5,349
	Lack of Justification			- 5,349
30	CIWS MODS	86,128	106,128	+ 20,000
	Additional BLK 1B Kits			+ 20,000
32	GUN MOUNT MODS	25,858	60,858	+ 35,000
	Mk 45 Mod 4 5 inch Gun Upgrades			+ 10,000
	57mm Gun Qualification and Test			+ 15,000
	Minor Caliber Gun			+ 10,000
34	CRUISER MODERNIZATION WEAPONS	8,760		- 8,760
	Program Reduction			- 8,760
36	SPARES AND REPAIR PARTS	68,009	58,009	- 10,000
	Unjustified Growth			- 10,000

Phalanx Close-In Weapons System [CIWS].—The Committee recommends an increase of \$20,000,000 for procurement of CIWS Block 1B upgrade kits. The Committee is concerned that the Navy significantly reduced its procurement request for CIWS in fiscal year 2005 and changed the installation plans for the system. The Committee is concerned that the revised installation plans will only partially outfit ships with the Block 1B upgrade, that is, not upgrade all a ship's CIWS simultaneously but rather in an incremental fashion. The Committee believes this plan to be inefficient and provides additional funding to facilitate the full outfitting of ships with the CIWS Block 1B capability.

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 2004	\$934,905,000
Budget estimate, 2005	858,640,000
Committee recommendation	881,140,000

The Committee recommends an appropriation of \$881,140,000. This is \$22,500,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROC AMMO, NAVY:						
	NAVY AMMUNITION:						
	PROCUREMENT OF AMMO, NAVY & MARINE CORPS						
1	GENERAL PURPOSE BOMBS		\$181,452		\$181,452		
2	JDM	6,620	151,189	6,620	151,189		
3	AIRBORNE ROCKETS, ALL TYPES		34,151		34,151		
4	MACHINE GUN AMMUNITION		25,674		29,674		+ \$4,000
5	PRACTICE BOMBS		53,577		53,577		
6	CARTRIDGES & CART ACTUATED DEVICES		26,182		26,182		
7	AIRCRAFT ESCAPE ROCKETS		10,735		10,735		
8	AIR EXPENDABLE COUNTERMEASURES		48,674		48,674		
9	JATOS		4,502		4,502		
10	5 INCH/64 GUN AMMUNITION		19,749		19,749		
11	EXTENDED RANGE GUIDED MUNITIONS (ERGM)		500		500		
12	76MM GUN AMMUNITION		1,153		1,153		
13	OTHER SHIP GUN AMMUNITION		19,199		19,199		
14	SMALL ARMS & LANDING PARTY AMMO		23,235		23,235		
15	PYROTECHNIC AND DEMOLITION		10,133		10,133		
18	AMMUNITION LESS THAN \$5 MILLION		3,135		3,135		
	TOTAL, PROC AMMO, NAVY		613,240		617,240		+ 4,000
	PROC AMMO, MC:						
	MARINE CORPS AMMUNITION:						
19	5.56 MM, ALL TYPES		35,129		35,129		
20	7.62 MM, ALL TYPES		8,708		8,708		
21	LINEAR CHARGES, ALL TYPES		10,286		20,286		+ 10,000
22	.50 CALIBER		1,898		1,898		
23	40 MM, ALL TYPES		23,614		25,614		+ 2,000
24	60MM, ALL TYPES		10,446		12,946		+ 2,500
25	81MM, ALL TYPES		24,319		25,319		+ 1,000
26	120MM, ALL TYPES		15,365		15,365		
27	CTG 25MM, ALL TYPES		3,749		3,749		
28	9 MM ALL TYPES		7,644		7,644		

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
29	GRENADAES, ALL TYPES .....	.....	5,042	.....	5,042	.....	.....
31	ROCKETS, ALL TYPES .....	.....	14,050	.....	17,050	.....	+ 3,000
32	ARTILLERY, ALL TYPES .....	.....	55,599	.....	55,599	.....	.....
33	EXPEDITIONARY FIGHTING VEHICLE .....	.....	2,474	.....	2,474	.....	.....
34	DEMOLITION MUNITIONS, ALL TYPES .....	.....	3,270	.....	3,270	.....	.....
35	FUZE - ALL TYPES .....	.....	13,816	.....	13,816	.....	.....
36	NON LETHALS .....	.....	1,145	.....	1,145	.....	.....
37	AMMO MODERNIZATION .....	.....	7,123	.....	7,123	.....	.....
38	ITEMS LESS THAN \$5 MILLION .....	.....	1,723	.....	1,723	.....	.....
	TOTAL, PROC AMMO, MC .....	.....	245,400	.....	263,900	.....	+ 18,500
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS .....	.....	858,640	.....	881,140	.....	+ 22,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
4	MACHINE GUN AMMUNITION	25,674	29,674	+ 4,000
	Cartridge, 20 mm, Linkless, PGU-28A/B			+ 4,000
21	LINEAR CHARGES, ALL TYPES	10,286	20,286	+ 10,000
	Anti-Personnel Obstacle Breaching System [APOBS]			+ 6,000
	Charge, Demolition, High Explosive [HE], Linear, M58A4			+ 2,000
	Charge, Demolition, High Explosive [HE], Linear, M59A1			+ 2,000
23	40 MM, ALL TYPES	23,614	25,614	+ 2,000
	Cartridge, 40 mm, HEDP, Linked, M430/M430A1			+ 2,000
24	60 MM, ALL TYPES	10,446	12,946	+ 2,500
	Cartridge, Mortar, 60 mm, High Explosive, M720A1			+ 2,500
25	81 MM, ALL TYPES	24,319	25,319	+ 1,000
	Cartridge, Mortar, 81 mm, M853A1			+ 1,000
31	ROCKETS, ALL TYPES	14,050	17,050	+ 3,000
	Rocket, 83 mm, High Explosive Dual Mode (SMAW)			+ 3,000

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 2004	\$11,467,623,000
Budget estimate, 2005	9,962,027,000
Committee recommendation	10,171,643,000

The Committee recommends an appropriation of \$10,171,643,000. This is \$209,616,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	SHIPBUILDING & CONVERSION, NAVY						
	OTHER WARSHIPS:						
2	CARRIER REPLACEMENT PROGRAM (AP-CY)	1	\$626,084	1	\$485,184	.....	-\$140,900
4	VIRGINIA CLASS SUBMARINE	1	1,581,143	1	1,581,143	.....	.....
5	VIRGINIA CLASS SUBMARINE (AP-CY)	1	871,864	1	871,864	.....	.....
6	SSGN CONVERSION	1	469,226	1	469,226	.....	.....
7	SSGN CONVERSION (AP-CY) .....	.....	48,000	.....	48,000	.....	.....
9	CVIN REFUELING OVERHAULS (AP-CY) .....	.....	333,061	.....	223,061	.....	-110,000
11	SSN ERO (AP-CY)	1	19,368	1	19,368	.....	.....
12	SSBN ERO	1	262,229	1	262,229	.....	.....
13	SSBN ERO (AP-CY) .....	.....	72,171	.....	72,171	.....	.....
14	DDG-51	3	3,444,950	3	3,444,950	.....	.....
14B	DD(X) (AP-CY) .....	.....	.....	.....	320,516	.....	+320,516
	TOTAL, OTHER WARSHIPS .....	.....	7,728,096	.....	7,797,712	.....	+69,616
	AMPHIBIOUS SHIPS:						
15	LHD-1 AMPHIBIOUS ASSAULT SHIP .....	.....	236,018	.....	236,018	.....	.....
15B	LHA (R) (AP-CY) .....	.....	.....	.....	175,000	.....	+175,000
16	LPD-17	1	966,559	1	966,559	.....	.....
	TOTAL, AMPHIBIOUS SHIPS .....	.....	1,202,577	.....	1,377,577	.....	+175,000
	AUXILIARIES, CRAFT AND PRIOR YEAR PROGRAM COSTS:						
18	LCU (X)	1	25,048	1	25,048	.....	.....
19	OUTFITTING .....	.....	399,327	.....	349,327	.....	-50,000
20	SERVICE CRAFT .....	.....	32,099	.....	32,099	.....	.....
21	LCAC SLEP	5	90,490	5	90,490	.....	.....
24	COMPLETION OF PY SHIPBUILDING PROGRAMS .....	.....	484,390	.....	484,390	.....	.....
24A	POWER UNIT FACILITY .....	.....	.....	.....	15,000	.....	+15,000
	TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM .....	.....	1,031,354	.....	996,354	.....	-35,000
	TOTAL, SHIPBUILDING & CONVERSION, NAVY .....	.....	9,962,027	.....	10,171,643	.....	+209,616

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
2	CARRIER REPLACEMENT PROGRAM (FY05 for 07)	626,084	485,184	- 140,900
	Premature Request			- 140,900
9	CVN REFUELING OVERHAULS AP (FY05 for 06)	333,061	223,061	- 110,000
	Premature Request			- 110,000
14 B	DD(X) (AP)		320,516	+ 320,516
	Transfer from R&D, Navy			+ 221,116
	DD(X) (FY07)			+ 99,400
15 B	LHA-R (AP)		175,000	+ 175,000
19	OUTFITTING	399,327	349,327	- 50,000
	Program Reduction			- 50,000
24 A	Power Unit Assembly Facility		15,000	+ 15,000

DD(X) Destroyer Program.—The Committee recommends supporting the President's budget request for the DD(X) Destroyer program but holds that construction of the ship should be funded within the shipbuilding and conversion account in a manner consistent with prior shipbuilding programs. The Committee is encouraged by the Navy's willingness to propose nontraditional means of overcoming the enormous financial burden that ship cost overruns and prior year bills place upon the shipbuilding budget, but finds that such costs would not be eliminated but rather obscured by funding ship construction in the research and development account. Therefore, the Committee recommends transferring \$221,116,000 of research and development funding to the Shipbuilding and Conversion, Navy account and directs the Navy to fund future ship construction programs within the shipbuilding and conversion account. In addition, the Committee recommends providing \$99,400,000 in advance procurement funding for the second DD(X) ship to be constructed at a second source shipyard.

LHA(R).—The Committee is aware of the Navy and Marine Corps team's desire to accelerate the current fiscal year 2008 build plan for the next generation large deck amphibious assault ship. The Committee's understanding is that the recently signed requirements plan calls for the construction of LHA(R) Flight Zero or an affordable variant of the LHD Class that is designed to support increased air operations and fuel capacity. The Committee recommends \$175,000,000 in funding for LHA(R) Flight Zero with the unwavering expectation that the Navy will include follow-on funding for the ship in its fiscal year 2006 budget request. Further, the Committee directs the Secretary of the Navy to submit a detailed report to the congressional defense committees on the acquisition strategy and overall program plan for the LHA(R) by March 31, 2005.

OTHER PROCUREMENT, NAVY

Appropriations, 2004	\$4,941,098,000
Budget estimate, 2005	4,834,278,000
Committee recommendation	4,797,025,000

The Committee recommends an appropriation of \$4,797,025,000. This is \$37,253,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT:						
	SHIP PROPULSION EQUIPMENT:						
1	LM-2500 GAS TURBINE		\$9,009		\$9,009		
2	ALLISON 50K GAS TURBINE		22,271		22,271		
3	PROPELLERS:						
	SUBMARINE PROPELLERS				7,000		+ \$7,000
4	NAVIGATION EQUIPMENT:						
	OTHER NAVIGATION EQUIPMENT		16,180		16,180		
5	UNDERWAY REPLENISHMENT EQUIPMENT:						
	UNDERWAY REPLENISHMENT EQUIPMENT		1,530		1,530		
6	PERISCOPES:						
	SUB PERISCOPES & IMAGING EQUIP	5	62,050	5	62,050		
7	OTHER SHIPBOARD EQUIPMENT:						
	FIREFIGHTING EQUIPMENT		24,731		24,731		
8	COMMAND AND CONTROL SWITCHBOARD		3,768		3,768		
9	POLLUTION CONTROL EQUIPMENT		42,612		42,612		
10	SUBMARINE SUPPORT EQUIPMENT		21,181		26,181		+ 5,000
11	VIRGINIA CLASS SUPPORT EQUIPMENT		56,051		56,051		
12	SUBMARINE BATTERIES		26,077		26,077		
13	STRATEGIC PLATFORM SUPPORT EQUIP		55,166		55,166		
14	DSSP EQUIPMENT		21,131		21,131		
15	CG-MODERNIZATION		114,139		21,131		- 114,139
16	LCAC		8,365		8,365		
17	MINESWEEPING EQUIPMENT		8,046		8,046		
18	ITEMS LESS THAN \$5 MILLION		148,637		161,537		+ 12,900
19	CHEMICAL WARFARE DETECTORS		4,725		4,725		
20	SUBMARINE LIFE SUPPORT SYSTEM		13,940		13,940		
21	REACTOR PLANT EQUIPMENT:						
	REACTOR POWER UNITS		356,372		356,372		
22	REACTOR COMPONENTS		217,175		217,175		

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
23	OCEAN ENGINEERING: DIVING AND SALVAGE EQUIPMENT .....	.....	8,875	.....	8,875	.....	.....
24	SMALL BOATS: STANDARD BOATS .....	.....	18,328	.....	18,328	.....	.....
25	TRAINING EQUIPMENT: OTHER SHIPS TRAINING EQUIPMENT .....	.....	8,848	.....	8,848	.....	.....
26	PRODUCTION FACILITIES EQUIPMENT: OPERATING FORCES IPE .....	.....	22,384	.....	26,384	.....	+4,000
27	OTHER SHIP SUPPORT: NUCLEAR ALTERATIONS .....	.....	133,999	.....	133,999	.....	.....
	TOTAL, SHIPS SUPPORT EQUIPMENT .....	.....	1,425,590	.....	1,340,351	.....	-85,239
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT: SHIP RADARS:	.....	.....	.....	.....	.....	.....
29	SPQ-9B RADAR .....	.....	3,584	.....	10,584	.....	+7,000
	SHIP SONARS:	.....	.....	.....	.....	.....	.....
33	SSN ACOUSTICS .....	.....	225,028	.....	228,028	.....	+3,000
34	UUV PROGRAM .....	.....	61,253	.....	.....	.....	-61,253
35	UNDERSEA WARFARE SUPPORT EQUIPMENT .....	.....	14,116	.....	19,116	.....	+5,000
36	SONAR SWITCHES AND TRANSDUCERS .....	.....	13,330	.....	13,330	.....	.....
	ASW ELECTRONIC EQUIPMENT:	.....	.....	.....	.....	.....	.....
37	SUBMARINE ACOUSTIC WARFARE SYSTEM .....	.....	20,857	.....	20,857	.....	.....
38	SSID .....	.....	22,273	.....	22,273	.....	.....
39	FIXED SURVEILLANCE SYSTEM .....	.....	55,325	.....	55,325	.....	.....
40	SURTASS .....	.....	7,166	.....	7,166	.....	.....
41	ASW OPERATIONS CENTER .....	.....	5,100	.....	5,100	.....	.....
	ELECTRONIC WARFARE EQUIPMENT:	.....	.....	.....	.....	.....	.....
42	AM/SLO-32 .....	.....	18,728	.....	18,728	.....	.....
43	INFORMATION WARFARE SYSTEMS .....	.....	4,034	.....	4,034	.....	.....

44	RECONNAISSANCE EQUIPMENT:								
	SHIPBOARD IW EXPLOIT	69,194	69,194						
45	SUBMARINE SURVEILLANCE EQUIPMENT:								+ 10,000
	SUBMARINE SUPPORT EQUIPMENT PROG	88,968	78,968						
47	OTHER SHIP ELECTRONIC EQUIPMENT:								
	COOPERATIVE ENGAGEMENT CAPABILITY	57,531	57,531						
48	GCCS-M EQUIPMENT	63,363	63,363						
49	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	26,208	26,208						
50	ATDLS	2,386	2,386						
51	MINESWEEPING SYSTEM REPLACEMENT	77,956	77,956	3					-9,300
52	NAVSTAR GPS RECEIVERS (SPACE)	11,650	11,650						
53	ARMED FORCES RADIO AND TV	4,170	4,170						
54	STRATEGIC PLATFORM SUPPORT EQUIP	5,265	5,265						
56	OTHER TRAINING EQUIPMENT	42,913	42,913						
57	AVIATION ELECTRONIC EQUIPMENT:								
	MATCAL5	15,614	15,614						
58	SHIPBOARD AIR TRAFFIC CONTROL	7,695	7,695						
59	AUTOMATIC CARRIER LANDING SYSTEM	12,515	12,515						
60	NATIONAL AIR SPACE SYSTEM	16,122	16,122						
61	AIR STATION SUPPORT EQUIPMENT	3,640	3,640						
62	MICROWAVE LANDING SYSTEM	7,232	7,232						
63	FAGSFAC	3,712	3,712						
64	ID SYSTEMS	18,296	18,296						
65	TAC A/C MISSION PLANNING SYSTEMS)	9,098	9,098						
66	OTHER SHORE ELECTRONIC EQUIPMENT:								
	DEPLOYABLE JOINT COMMAND AND CONT	32,469	32,469						
69	COMMON IMAGERY GROUND SURFACE SYSTEMS	45,173	45,173						-8,000
70	RADHAC	9,087	9,087						
71	GPETE	7,010	7,010						
72	INTEG COMBAT SYSTEM TEST FACILITY	4,662	4,662						
73	EMI CONTROL INSTRUMENTATION	5,872	5,872						
74	ITEMS LESS THAN \$5 MILLION	12,058	12,058						
75	SHIPBOARD COMMUNICATIONS:								
	SHIPBOARD TACTICAL COMMUNICATIONS	14,077	14,077						
76	SHIP COMMUNICATIONS AUTOMATION	159,718	159,718						
77	COMMUNICATIONS ITEMS UNDER \$5M	14,921	11,921						+ 3,000

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
78	SUBMARINE COMMUNICATIONS:						
79	SHORE LEVLF COMMUNICATIONS		17,802		17,802		
	SUBMARINE COMMUNICATION EQUIPMENT		94,533		104,533		+ 10,000
80	SATELLITE COMMUNICATIONS:						
	SATELLITE COMMUNICATIONS SYSTEMS		130,564		130,564		
	SHORE COMMUNICATIONS:						
81	JCS COMMUNICATIONS EQUIPMENT		3,023		3,023		
82	ELECTRICAL POWER SYSTEMS		1,291		1,291		
83	NSIPS		289		289		
84	JEDMICS				7,500		+ 7,500
85	NAVAL SHORE COMMUNICATIONS		57,066		57,066		
	CRYPTOGRAPHIC EQUIPMENT:						
86	INFO SYSTEMS SECURITY PROGRAM (ISSP)		88,418		88,418		
	CRYPTOLOGIC EQUIPMENT:						
87	CRYPTOLOGIC COMMUNICATIONS EQUIP		26,111		26,111		
	OTHER ELECTRONIC SUPPORT:						
88	COAST GUARD EQUIPMENT		7,638		7,638		
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		1,721,104		1,688,051		- 33,053
	AVIATION SUPPORT EQUIPMENT:						
	SONOBUOYS:						
90	SONOBUOYS—ALL TYPES		50,081		50,081		
	AIRCRAFT SUPPORT EQUIPMENT:						
91	WEAPONS RANGE SUPPORT EQUIPMENT		44,643		52,643		+ 8,000
92	EXPEDITIONARY AIRFIELDS		7,527		7,527		
93	AIRCRAFT REARMING EQUIPMENT		11,667		11,667		
94	AIRCRAFT LAUNCH & RECOVERY EQUIPMENT		21,275		21,275		
95	METEOROLOGICAL EQUIPMENT		20,134		20,134		
96	OTHER PHOTOGRAPHIC EQUIPMENT		1,438		1,438		
97	AVIATION LIFE SUPPORT		19,040		37,540		+ 18,500
98	AIRBORNE MINE COUNTERMEASURES		73,081		68,681		- 4,400

99	LAMPS MK III SHIPBOARD EQUIPMENT	16,433	16,433	16,433	16,433	.....	.....	.....	.....
100	OTHER AVIATION SUPPORT EQUIPMENT	6,157	6,157	6,157	6,157	.....	.....	.....	.....
	TOTAL, AVIATION SUPPORT EQUIPMENT	271,476	271,476	293,576	293,576	.....	.....	.....	+ 22,100
	ORDNANCE SUPPORT EQUIPMENT:								
	SHIP GUN SYSTEM EQUIPMENT:								
102	NAVAL FIRES CONTROL SYSTEM	7,610	7,610	2,849	2,849	.....	.....	.....	-4,761
103	GUN FIRE CONTROL EQUIPMENT	11,481	11,481	11,481	11,481	.....	.....	.....	.....
	SHIP MISSILE SYSTEMS EQUIPMENT:								
104	NATO SEASPARROW	25,453	25,453	25,453	25,453	.....	.....	.....	.....
105	RAM GMLS	22,968	22,968	26,968	26,968	.....	.....	.....	+4,000
106	SHIP SELF DEFENSE SYSTEM	42,130	42,130	42,130	42,130	.....	.....	.....	.....
107	AEGIS SUPPORT EQUIPMENT	57,517	57,517	66,517	66,517	.....	.....	.....	+9,000
108	SURFACE TOMAHAWK SUPPORT EQUIPMENT	69,732	69,732	69,732	69,732	.....	.....	.....	.....
109	SUBMARINE TOMAHAWK SUPPORT EQUIP	5,469	5,469	5,469	5,469	.....	.....	.....	.....
110	VERTICAL LAUNCH SYSTEMS	9,829	9,829	9,829	9,829	.....	.....	.....	.....
	FBM SUPPORT EQUIPMENT:								
111	STRATEGIC MISSILE SYSTEMS EQUIP	102,073	102,073	102,073	102,073	.....	.....	.....	.....
	ASW SUPPORT EQUIPMENT:								
112	SSN COMBAT CONTROL SYSTEMS	147,481	147,481	147,481	147,481	.....	.....	.....	.....
113	SUBMARINE ASW SUPPORT EQUIPMENT	4,849	4,849	4,849	4,849	.....	.....	.....	.....
114	SURFACE ASW SUPPORT EQUIPMENT	4,539	4,539	13,039	13,039	.....	.....	.....	+8,500
115	ASW RANGE SUPPORT EQUIPMENT	7,175	7,175	7,175	7,175	.....	.....	.....	.....
	OTHER ORDNANCE SUPPORT EQUIPMENT:								
116	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	25,058	25,058	29,758	29,758	.....	.....	.....	+4,700
117	ITEMS LESS THAN \$5 MILLION	4,037	4,037	4,037	4,037	.....	.....	.....	.....
	OTHER EXPENDABLE ORDNANCE:								
118	ANTI-SHIP MISSILE DECOY SYSTEM	46,553	46,553	57,653	57,653	.....	.....	.....	+11,100
119	SURFACE TRAINING DEVICE MODS	6,347	6,347	6,347	6,347	.....	.....	.....	.....
120	SUBMARINE TRAINING DEVICE MODS	39,405	39,405	45,405	45,405	.....	.....	.....	+6,000
	TOTAL, ORDNANCE SUPPORT EQUIPMENT	639,706	639,706	678,245	678,245	.....	.....	.....	+38,539
	CIVIL ENGINEERING SUPPORT EQUIPMENT:								
122	PASSENGER CARRYING VEHICLES	1,507	1,507	1,507	1,507	.....	.....	.....	.....
123	GENERAL PURPOSE TRUCKS	2,321	2,321	2,321	2,321	.....	.....	.....	.....
124	CONSTRUCTION & MAINTENANCE EQUIP	19,197	19,197	25,197	25,197	.....	.....	.....	+6,000
125	FIRE FIGHTING EQUIPMENT	12,345	12,345	12,345	12,345	.....	.....	.....	.....

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
126	TACTICAL VEHICLES .....	.....	30,926	.....	61,826	.....	+ 30,900
127	AMPHIBIOUS EQUIPMENT .....	.....	11,607	.....	11,607	.....	.....
128	POLLUTION CONTROL EQUIPMENT .....	.....	11,396	.....	11,396	.....	.....
129	ITEMS UNDER \$5 MILLION .....	.....	13,686	.....	13,686	.....	.....
130	PHYSICAL SECURITY VEHICLES .....	.....	1,125	.....	1,125	.....	.....
	TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT .....	.....	104,110	.....	141,010	.....	+ 36,900
	SUPPLY SUPPORT EQUIPMENT:						
131	MATERIALS HANDLING EQUIPMENT .....	.....	12,754	.....	12,754	.....	.....
132	OTHER SUPPLY SUPPORT EQUIPMENT .....	.....	11,523	.....	19,523	.....	+ 8,000
133	FIRST DESTINATION TRANSPORTATION .....	.....	5,578	.....	5,578	.....	.....
134	SPECIAL PURPOSE SUPPLY SYSTEMS .....	.....	82,158	.....	82,158	.....	.....
	TOTAL, SUPPLY SUPPORT EQUIPMENT .....	.....	112,013	.....	120,013	.....	+ 8,000
	PERSONNEL AND COMMAND SUPPORT EQUIPMENT:						
	TRAINING DEVICES:						
135	TRAINING SUPPORT EQUIPMENT .....	.....	18,756	.....	18,756	.....	.....
	COMMAND SUPPORT EQUIPMENT:						
136	COMMAND SUPPORT EQUIPMENT .....	.....	20,658	.....	30,658	.....	+ 10,000
137	EDUCATION SUPPORT EQUIPMENT .....	.....	5,507	.....	5,507	.....	.....
138	MEDICAL SUPPORT EQUIPMENT .....	.....	8,459	.....	8,459	.....	.....
140	OPERATING FORCES SUPPORT EQUIPMENT .....	.....	7,826	.....	9,826	.....	+ 2,000
141	MOBILE SENSOR PLATFORM .....	.....	27,582	.....	27,582	.....	.....
142	ENVIRONMENTAL SUPPORT EQUIPMENT .....	.....	13,155	.....	13,155	.....	.....
143	PHYSICAL SECURITY EQUIPMENT .....	.....	194,214	.....	157,714	.....	- 36,500
144	CLASSIFIED PROGRAMS .....	.....	18,646	.....	18,646	.....	.....
	TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT .....	.....	314,803	.....	290,303	.....	- 24,500
148	SPARES AND REPAIR PARTS .....	.....	245,476	.....	245,476	.....	.....
	TOTAL, OTHER PROCUREMENT, NAVY .....	.....	4,834,278	.....	4,797,025	.....	- 37,253

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
3	SUBMARINE PROPELLERS		7,000	+ 7,000
	CVN Propeller Replacement Program			+ 7,000
10	SUBMARINE SUPPORT EQUIPMENT	21,181	26,181	+ 5,000
	High Performance Brush Program			+ 5,000
15	CG-MODERNIZATION	114,139		- 114,139
	Cruiser Modernization Reduction			- 114,139
18	ITEMS LESS THAN \$5 MILLION	148,637	161,537	+ 12,900
	Carrier Weapons Elevators			+ 4,900
	Fuel and Engine Maintenance Savings Systems [FEMSS] ..			+ 2,000
	Integrated Condition Assessment Systems [ICAS]			+ 2,000
	Machinery Control Surveillance System for Gas Turbine Ships			+ 4,000
26	OPERATING FORCES IPE	22,384	26,384	+ 4,000
	IPDE Enhancement and PDM Interoperability			+ 4,000
29	SPQ-9B RADAR	3,584	10,584	+ 7,000
	AN/SPQ-9B Shipboard Radar Transmitter Upgrade			+ 7,000
33	SSN ACOUSTICS	225,028	228,028	+ 3,000
	Common Depth Sounder			+ 3,000
34	UUV PROGRAM	61,253		- 61,253
	LMRS Program Restructure			- 61,253
35	UNDERSEA WARFARE SUPPORT EQUIPMENT	14,116	19,116	+ 5,000
	Surface Sonar Windows and Domes			+ 5,000
45	SUBMARINE SUPPORT EQUIPMENT PROGRAM	78,968	88,968	+ 10,000
	AN/BLQ-10 Radar Narrow Band ESM Technology Refresh			+ 10,000
51	MINESWEEPING SYSTEM REPLACEMENT	77,956	68,656	- 9,300
	Mine Countermeasures Sea Bottom Mapping Project			+ 2,400
	RMS—Buying Ahead of Need			- 11,700
69	COMMON IMAGERY GROUND SURFACE SYSTEMS	53,173	45,173	- 8,000
	Joint Service Imagery Processing System—Migration to Converged Architecture			- 8,000
77	COMMUNICATIONS ITEMS UNDER \$5M	11,921	14,921	+ 3,000
	Shipboard Communications Upgrade			+ 3,000
79	SUBMARINE COMMUNICATION EQUIPMENT	94,533	104,533	+ 10,000
	Submarine High Data Rate Antennas			+ 10,000
84	JEDMICS		7,500	+ 7,500
	PACOM Agile Coalition Environment			+ 7,500
91	WEAPONS RANGE SUPPORT EQUIPMENT	44,643	52,643	+ 8,000
	Joint Threat Emitter			+ 3,000
	PMRF Equipment			+ 5,000
97	AVIATION LIFE SUPPORT	19,040	37,540	+ 18,500
	Joint Technical Data Integration/Automated Maintenance Equipment			+ 10,000
	Mask Breathing Unit (MBU-23/P) Oxygen Masks			+ 3,500
	Multi-Climate Protection Clothing System			+ 5,000
98	AIRBORNE MINE COUNTERMEASURES	73,081	68,681	- 4,400
	AN-AQS-20 Minehunting Sonar			+ 3,000
	AN-AQS-20A—Buying Ahead of Need			- 7,400
102	NAVAL FIRES CONTROL SYSTEM	7,610	2,849	- 4,761
	Joint Fires Network—Migration to Converged Architecture			- 4,761
105	RAM GMLS	22,968	26,968	+ 4,000
	SeaRAM System			+ 4,000
107	AEGIS SUPPORT EQUIPMENT	57,517	66,517	+ 9,000
	Integrated Bridge System			+ 9,000
114	SURFACE ASW SUPPORT EQUIPMENT	4,539	13,039	+ 8,500
	MK 32 Surface Vessel Torpedo Tubes Remanufacture			+ 8,500
116	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	25,058	29,758	+ 4,700
	SCOUT High Pressure Air System			+ 4,700

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
118	ANTI-SHIP MISSILE DECOY SYSTEM	46,553	57,653	+ 11,100
	NULKA Decoys			+ 11,100
120	SUBMARINE TRAINING DEVICE MODS	39,405	45,405	+ 6,000
	INTERLOCKS Development Tool			+ 6,000
124	CONSTRUCTION & MAINTENANCE EQUIPMENT	19,197	25,197	+ 6,000
	Earthmoving Equipment—Naval Construction Force			+ 6,000
126	TACTICAL VEHICLES	30,926	61,826	+ 30,900
	Medium Tactical Vehicle Replacement (MTVR)—Naval Construction Force			+ 30,900
132	OTHER SUPPLY SUPPORT EQUIPMENT	11,523	19,523	+ 8,000
	Serial Number Tracking System			+ 8,000
136	COMMAND SUPPORT EQUIPMENT	20,658	30,658	+ 10,000
	Man Overboard Identification System			+ 10,000
140	OPERATING FORCES SUPPORT EQUIPMENT	7,826	9,826	+ 2,000
	Envelope Protective Covers for Weapon Systems			+ 2,000
143	PHYSICAL SECURITY EQUIPMENT	194,214	157,714	– 36,500
	Sea Fox Remote Controlled Surface Vessel			+ 3,500
	Unjustified Program Growth			– 40,000

Cruiser Modernization.—The budget request includes \$165,999,000 for the Cruiser Modernization program. The intent of the program is to increase the service life of AEGIS Cruisers and to upgrade and modernize their combat capabilities. The fiscal year 2004 Defense Appropriations bill (Public Law 108–87) provided \$102,700,000 to modernize a Baseline IV vessel, one of the newest ships in the fleet, as the first ship of the program. While the conference agreement provided funds to initiate the program, the conferees expressed concern over the Navy’s proposal to upgrade one of the newest and most modern Cruisers in the fleet before upgrading legacy assets. The conferees, therefore, directed the Navy to revise its funding strategy to provide for an earlier modernization of legacy Baseline II ships and fully fund this revised strategy in the fiscal year 2005 budget request.

The Committee is disappointed that the current budget request includes funds for modernization of another Baseline IV ship. In addition, the Committee is concerned that the Navy has not identified which Baseline IV ship will be upgraded with the requested funds. The failure to identify a ship makes the fiscal year 2005 budget estimates questionable as the cost to modernize each Cruiser differs based on the configuration of the ship. Further, the cost estimates are questionable as production rates differ regionally and the Navy has not determined where the work will be completed. Finally, the Committee is troubled by the Navy’s decision to reduce program scope to compensate for program cost growth. As a result, the program no longer promises to provide several of the key combat capability upgrades originally planned. Due to the questionable cost estimates, the cost growth which led to termination of key program upgrades, and the Navy’s request to once again modernize one of the newest ships in the fleet prior to legacy assets, the Committee denies the budget request and rescinds \$89,939,000 from prior year funds available for rescission. The fiscal year 2005 reductions are distributed as follows:

Account	Amount
Other Procurement, Navy	\$114,139,000
Weapons Procurement, Navy	8,760,000
Operation and Maintenance, Navy	43,100,000
Total	165,999,000

Surface Sonar Windows and Domes.—The Committee recommends an increase of \$5,000,000 to complete the re-design and fabrication of a second composite bow dome prototype for at-sea testing.

MK-53 NULKA Anti-Ship Missile Decoy System.—The Committee recommends an increase of \$11,100,000 for NULKA Decoys. This funding procures an additional 25 rounds to reduce the Navy’s operational shortfall of anti-ship missile decoys. This funding also supports ordnance alteration kits for NULKA round subassemblies.

Man Overboard Identification System.—The Committee recommends an additional \$10,000,000 to procure Man Overboard Identification Systems. These systems immediately alert Navy ships of a man-overboard incident and also provide precision location of an individual in water, thereby reducing death and injury from such incidents.

Littoral Combat Ship [LCS] Mission Packages.—A central feature of the LCS design is modular Mission Packages. The planned Mission Packages may consist of a combination of modules, manned and unmanned off-board vehicles, deployable sensors, and other support equipment. The Navy plans to begin funding Mission Modules, which will be procured independently from Seaframe development, in the fiscal year 2006 budget request under the “Other Procurement, Navy” account. The Committee feels strongly about creating an appropriate level of visibility to ensure an accurate accounting of total program costs. The Committee, therefore, directs the Navy to establish a “LCS Mission Packages” line within the account and to request all items (modules, vehicles, sensors, etc.) related to the development of LCS Mission Packages in this line as part of the fiscal year 2006 budget request.

Standing Joint Force Headquarters Core Element.—The Committee supports the U.S. Joint Forces Command’s plan to create a standing joint force headquarters which will provide a surge capability for contingencies. The Committee recommends that of the funds under this heading, \$6,000,000 be provided for essential command and control equipment and deployment gear required to supply this surge capability.

PROCUREMENT, MARINE CORPS

Appropriations, 2004	\$1,165,727,000
Budget estimate, 2005	1,190,103,000
Committee recommendation	1,266,803,000

The Committee recommends an appropriation of \$1,266,803,000. This is \$76,700,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from		
						Qty.	Budget estimate	
	PROCUREMENT, MARINE CORPS							
	WEAPONS AND COMBAT VEHICLES:							
	TRACKED COMBAT VEHICLES:							
1	AAV7A1 PIP	60	\$58,596	97	\$81,796	+ 37	+\$23,200	
2	AAAV .....	.....	67,701	.....	52,701	.....	- 15,000
3	LAV PIP .....	.....	41,588	.....	41,588	.....	.....
5	MODIFICATION KITS (TRKD VEH) .....	.....	11,844	.....	11,844	.....	.....
6	M1A1 FIREPOWER ENHANCEMENTS .....	.....	36,873	.....	36,873	.....	.....
	ARTILLERY AND OTHER WEAPONS:							
7	HIMARS	1	16,340	1	16,340	.....	.....
8	155MM LIGHTWEIGHT TOWED HOWITZER	97	175,445	97	175,445	.....	.....
9	MOD KITS (ARTILLERY) .....	.....	3,248	.....	3,248	.....	.....
10	MARINE ENHANCEMENT PROGRAM .....	.....	4,024	.....	4,024	.....	.....
11	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....	.....	4,888	.....	4,888	.....	.....
	WEAPONS:							
12	MODULAR WEAPON SYSTEM .....	.....	10,051	.....	10,051	.....	.....
	OTHER SUPPORT:							
13	OPERATIONS OTHER THAN WAR .....	.....	1,509	.....	1,509	.....	.....
	TOTAL, WEAPONS AND COMBAT VEHICLES							+8,200
	GUIDED MISSILES AND EQUIPMENT:							
	GUIDED MISSILES:							
14	EADS MOD .....	.....	10,314	.....	10,314	.....	.....
15	JAVELIN .....	.....	.....	100	7,900	+100	+7,900
16	PEDESTAL MOUNTED STINGER (PMS) (MYP) .....	.....	10,004	.....	10,004	.....	.....
17	HIMARS ROCKETS .....	.....	1,325	.....	1,325	.....	.....
	OTHER SUPPORT:							
19	MODIFICATION KITS .....	.....	595	.....	595	.....	.....
	TOTAL, GUIDED MISSILES AND EQUIPMENT							+7,900

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
	VEHICLE MOUNTED RADIOS AND EQUIPMENT:						
	SMALL UNIT REMOTE SCOUTING SYSTEM		8,866		8,866		
20	COMMAND AND CONTROL SYSTEMS:						
	UNIT OPERATIONS CENTER		35,933		29,933		-6,000
21	GLOBAL COMBAT SUPPORT SYSTEM		21,664		26,164		+4,500
22	MULTIPLE ROLE RADAR SYSTEM		2,283		2,283		
23	JOINT TACTICAL RADIO SYSTEMS		26,009		26,009		
24	TRANSITION SWITCH MODULE		9,245		9,245		
25	COMPLIMENTARY LOW ALTITUDE WEAPON		4,412		4,412		
26	REPAIR AND TEST EQUIPMENT:						
	AUTO TEST EQUIP SYS		15,823		23,323		+7,500
27	GENERAL PURPOSE ELECTRONIC TEST EQUIP		14,495		14,495		
28	CALIBRATION FACILITIES		2,305		2,305		
29	RADAR + EQUIPMENT (NON-TEL):						
	RADAR SET AN/TPS-59		24,466		24,466		
30	INTELL/COMM EQUIPMENT (NON-TEL):						
	TACTICAL REMOTE SENSOR SYSTEM		10,622		10,622		
31	INTELLIGENCE SUPPORT EQUIPMENT		15,842		13,842		
32	MOD KITS (INTEL)		9,551		9,551		
33	REPAIR AND TEST EQUIPMENT (NON-TEL):						
	GENERAL PURPOSE MECHANICAL TMDE		1,790		1,790		
35	OTHER COMMELEC EQUIPMENT (NON-TEL):						
	NIGHT VISION EQUIPMENT		26,100		46,000		+19,900
36	OTHER SUPPORT (NON-TEL):						
	ITEMS UNDER \$5 MILLION (COMM & ELEC)		461		461		
37	COMMON COMPUTER RESOURCES		61,989		61,989		
38	COMMAND POST SYSTEMS		8,144		8,144		
39	RADIO SYSTEMS		14,476		14,476		
40	COMM SWITCHING & CONTROL SYSTEMS		26,145		26,145		+12,000
41	COMM & ELEC INFRASTRUCTURE SUPPORT		24,778		24,778		
42							

43	MOD KITS MAGTF C41 .....	.....	.....	.....	.....	7,484	.....	.....	+6,500
44	AIR OPERATIONS C2 SYSTEMS .....	.....	984	.....	.....	10,290	.....	.....	.....
45	INTELLIGENCE C2 SYSTEMS .....	.....	10,290	.....	.....	1,211	.....	.....	.....
46	FIRE SUPPORT SYSTEM .....	.....	10,215	.....	.....	10,215	.....	.....	.....
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT .....	.....	388,099	.....	.....	432,499	.....	.....	+44,400
	SUPPORT VEHICLES:								
	ADMINISTRATIVE VEHICLES:								
47	COMMERCIAL PASSENGER VEHICLES	37	1,096	37	.....	1,096	.....	.....	.....
48	COMMERCIAL CARGO VEHICLES .....	.....	11,563	.....	.....	11,563	.....	.....	.....
	TACTICAL VEHICLES:								
49	5/4T TRUCK HMMVV (MYP)	1,830	131,276	1,830	.....	131,276	.....	.....	.....
51	LOGISTICS VEHICLE SYSTEM REP .....	.....	3,343	.....	.....	3,343	.....	.....	.....
52	FAMILY OF TACTICAL TRAILERS .....	.....	942	.....	.....	942	.....	.....	.....
	OTHER SUPPORT:								
53	ITEMS LESS THAN \$5 MILLION .....	.....	3,598	.....	.....	3,598	.....	.....	.....
	TOTAL, SUPPORT VEHICLES .....	.....	151,818	.....	.....	151,818	.....	.....	.....
	ENGINEER AND OTHER EQUIPMENT:								
54	ENVIRONMENTAL CONTROL EQUIP ASSORT .....	.....	2,869	.....	.....	2,869	.....	.....	.....
55	COMBAT BREACHER VEHICLE .....	.....	4,621	.....	.....	4,621	.....	.....	.....
56	BULK LIQUID EQUIPMENT .....	.....	11,524	.....	.....	11,524	.....	.....	.....
57	TACTICAL FUEL SYSTEMS .....	.....	5,219	.....	.....	8,519	.....	.....	+3,300
58	DEMOLITION SUPPORT SYSTEMS .....	.....	3,422	.....	.....	10,822	.....	.....	+7,400
59	POWER EQUIPMENT ASSORTED .....	.....	10,657	.....	.....	10,657	.....	.....	.....
61	FAMILY OF EOD EQUIPMENT .....	.....	4,724	.....	.....	4,724	.....	.....	.....
62	BRIDGE BOATS .....	.....	5,307	.....	.....	5,307	.....	.....	.....
	MATERIALS HANDLING EQUIPMENT:								
63	AMPHIBIOUS RAID EQUIPMENT .....	.....	15,771	.....	.....	15,771	.....	.....	.....
64	PHYSICAL SECURITY EQUIPMENT .....	.....	4,979	.....	.....	4,979	.....	.....	.....
65	GARRISON MOBILE ENGR EQUIP .....	.....	10,927	.....	.....	10,927	.....	.....	.....
66	MATERIAL HANDLING EQUIP .....	.....	21,190	.....	.....	21,190	.....	.....	.....
67	FIRST DESTINATION TRANSPORTATION .....	.....	5,715	.....	.....	5,715	.....	.....	.....
	GENERAL PROPERTY:								
68	FIELD MEDICAL EQUIPMENT .....	.....	6,027	.....	.....	9,527	.....	.....	+3,500
69	TRAINING DEVICES .....	.....	24,214	.....	.....	26,214	.....	.....	+2,000

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
70	CONTAINER FAMILY .....	.....	5,244	.....	5,244	.....	.....
71	FAMILY OF CONSTRUCTION EQUIPMENT .....	.....	15,067	.....	15,067	.....	.....
	OTHER SUPPORT:						
73	FAMILY OF INCIDENT RESPONSE .....	.....	2,804	.....	2,804	.....	.....
74	MODIFICATION KITS .....	.....	2,901	.....	2,901	.....	.....
75	ITEMS LESS THAN \$5 MILLION .....	.....	5,713	.....	5,713	.....	.....
	TOTAL, ENGINEER AND OTHER EQUIPMENT .....	.....	168,895	.....	185,095	.....	+ 16,200
77	SPARES AND REPAIR PARTS .....	.....	26,946	.....	26,946	.....	.....
	TOTAL, PROCUREMENT, MARINE CORPS .....	.....	1,190,103	.....	1,266,803	.....	+ 76,700

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	AAV7A1 PIP	58,596	81,796	+ 23,200
	Assault Amphibious Vehicle [AAV] RAM/RS Upgrade			+ 23,200
2	EXPEDITIONARY FIGHTING VEHICLE	67,701	52,701	- 15,000
	Industrial and Tooling Equipment—Production Facility and Execution Delays			- 15,000
15	JAVELIN		7,900	+ 7,900
	Additional JAVELIN Anti-Tank Missiles			+ 7,900
21	UNIT OPERATIONS CENTER	35,933	29,933	- 6,000
	Baseline Combat Operations Center			+ 2,000
	Support Costs Growth			- 8,000
22	GLOBAL COMBAT SUPPORT SYSTEM	21,664	26,164	+ 4,500
	GCSS Logistics Modernization			+ 4,500
27	AUTO TEST EQUIP SYS	15,823	23,323	+ 7,500
	Digitization of Technical and Operations Manuals			+ 7,500
36	NIGHT VISION EQUIPMENT	26,100	46,000	+ 19,900
	AN/PEQ-2A Target Point, Illuminator, Aiming Lights			+ 9,000
	AN/PVS-14 Miniature Night Vision Device			+ 5,800
	AN/PVS-17 Miniature Night Vision Device			+ 4,100
	Close Quarters Battle Sight			+ 1,000
40	RADIO SYSTEMS	14,476	26,476	+ 12,000
	Lightweight Multiband Satellite Terminals [LMST]			+ 12,000
43	MOD KITS MAGTF C41	984	7,484	+ 6,500
	Communication Emitter Sensing and Attacking System [CESAS]			+ 6,500
57	TACTICAL FUEL SYSTEMS	5,219	8,519	+ 3,300
	Nitrile Rubber Collapsible Storage Units			+ 3,300
58	DEMOLITION SUPPORT SYSTEMS	3,422	10,822	+ 7,400
	AN/PSS-14 Handheld Standoff Mine Detection System			+ 7,400
68	FIELD MEDICAL EQUIPMENT	6,027	9,527	+ 3,500
	Combat Casualty Care Equipment			+ 3,500
69	TRAINING DEVICES	24,214	26,214	+ 2,000
	Live Fire Training Range Improvements			+ 2,000

Expeditionary Fighting Vehicle [EFV].— The Marine Corps is developing the EFV to replace the Amphibious Assault Vehicle, originally fielded in 1972, as its primary combat vehicle for transporting troops from ship to shore and on land. The Committee considers this program a critical component of the Marine Corps' future warfighting capabilities. The Committee, however, is concerned about the current delay in selection of an EFV production site when Low Rate Initial Production [LRIP] of the vehicle is scheduled to begin next year. Also of concern to the Committee is the slow execution of \$97,195,000 appropriated in fiscal year 2004 to procure industrial and special tooling equipment for installation in the EFV production facility. As of May 2004, the Marine Corps had obligated less than 1 percent of this funding. The fiscal year 2005 request includes an additional \$57,318,000 for EFV industrial and special tooling equipment. Due to the delays in execution of fiscal year 2004 funding and in the production site selection process, the Committee reduces the request for industrial equipment by \$15,000,000, and directs the Marine Corps to inform the Committee when a production site is selected.

Unit Operations Center.—The budget request includes \$11,293,000 for support costs associated with the Unit Operations Center program, an increase of \$10,348,000 above the amount requested in fiscal year 2004. As part of the Committee’s budget review, the Marine Corps failed to provide adequate justification for this increase. As a result, the Committee reduces the request by \$8,000,000.

Digitization of Technical and Operations Manuals.—The Committee recommends an increase of \$7,500,000 for the digitization of technical and operations manuals for the Native American Document Conversion Program. This funding shall be available for digitization and the development of hardware, software, and data storage capability in connection with implementation of the Service Data Management report.

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 2004	\$12,086,201,000
Budget estimate, 2005	13,163,174,000
Committee recommendation	13,547,524,000

The Committee recommends an appropriation of \$13,547,524,000. This is \$384,350,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, AIR FORCE						
	COMBAT AIRCRAFT:						
	TACTICAL FORCES:						
1	F-22 RAPTOR	24	\$3,633,769	24	\$3,603,769		-\$30,000
2	F-22 RAPTOR (AP-CY)		523,187		523,187		
	TOTAL, COMBAT AIRCRAFT		4,156,956		4,126,956		-30,000
	AIRLIFT AIRCRAFT:						
	TACTICAL AIRLIFT:						
3	C-17A (MYP)	14	2,512,479	14	2,512,479		
4	C-17A (MYP) (AP-CY)		381,800		381,800		
5	C-17 ICS		945,560		979,560		+34,000
	OTHER AIRLIFT:						
7	C-130J	11	732,505	11	769,205		+36,700
8	C-130J ADVANCE PROCUREMENT (CY)		186,666		149,966		-36,700
	TOTAL, AIRLIFT AIRCRAFT		4,759,010		4,793,010		+34,000
	TRAINER AIRCRAFT:						
	OPERATIONAL TRAINERS:						
9	JPATS	53	307,072	53	307,072		
9A	INTRO TO FLIGHT/ARMANSHIP PROGRAMS				880		+880
	OTHER AIRCRAFT:						
	HELICOPTERS:						
10	V-22 OSPREY	3	305,581	3	305,581		
11	V-22 OSPREY (AP-CY)		11,035		11,035		
	MISSION SUPPORT AIRCRAFT:						
12	CIVIL AIR PATROL A/C	27	2,271	27	2,271		
	OTHER AIRCRAFT:						
13	TARGET DRONES		74,143		71,143		-3,000
16A	TANKER REPLACEMENT				110,000		+110,000
17	HAEUAV	4	287,768	4	287,768		

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
18	HAEUAV (AP-CY)	.....	71,863	.....	71,863	.....	.....
19	PREDATOR UAV	..... 9	146,609	..... 9	146,609	.....	.....
	TOTAL, OTHER AIRCRAFT	.....	899,270	.....	1,006,270	.....	+107,000
	MODIFICATION OF INSERVICE AIRCRAFT:						
	STRATEGIC AIRCRAFT:						
21	B-2A	.....	96,002	.....	96,002	.....	.....
22	B-1B	.....	8,825	.....	8,825	.....	.....
23	B-52	.....	92,216	.....	121,116	.....	+ 28,900
24	F-117	.....	13,223	.....	13,223	.....	.....
	TACTICAL AIRCRAFT:						
25	A-10	.....	53,362	.....	53,362	.....	.....
26	F-15	.....	181,602	.....	337,402	.....	+ 155,800
27	F-16	.....	336,289	.....	374,289	.....	+ 38,000
28	F22 RAPTOR	.....	70,087	.....	70,087	.....	.....
29	T/AT-37	.....	78	.....	78	.....	.....
	AIRLIFT AIRCRAFT:						
30	C-5	.....	99,601	.....	99,601	.....	.....
32	C-17A	.....	89,144	.....	89,144	.....	.....
33	C-21	.....	1,409	.....	1,409	.....	.....
34	C-32A	.....	187	.....	187	.....	.....
35	C-37A	.....	351	.....	351	.....	.....
	TRAINER AIRCRAFT:						
37	T6 MODIFICATIONS	.....	3,850	.....	3,850	.....	.....
38	T-38	.....	153,677	.....	153,677	.....	.....
39	T-41 AIRCRAFT	.....	89	.....	89	.....	.....
40	T-43	.....	599	.....	599	.....	.....
	OTHER AIRCRAFT:						
41	KC-10A (ATCA)	.....	37,314	.....	31,014	.....	-6,300
42	C-12	.....	19,373	.....	19,373	.....	.....
44	C-20 MODS	.....	449	.....	449	.....	.....
45	VC-25A MOD	.....	28,031	.....	28,031	.....	.....

46	C-40	187	187	187	187	.....	.....	.....	.....
47	C-130	110,375	134,445	134,445	134,445	.....	.....	.....	+ 24,070
48	C130J MODS	36,921	36,921	36,921	36,921	.....	.....	.....	.....
49	C-135	51,905	64,405	64,405	64,405	.....	.....	.....	+ 12,500
50	C-29A MODS	15,953	15,953	15,953	15,953	.....	.....	.....	.....
51	DARP	101,233	101,233	101,233	101,233	.....	.....	.....	.....
52	E-3	36,025	36,025	36,025	36,025	.....	.....	.....	.....
53	E-4	101,818	101,818	101,818	101,818	.....	.....	.....	.....
54	E-8	45,302	45,302	45,302	45,302	.....	.....	.....	.....
55	H-1	6,575	6,575	6,575	6,575	.....	.....	.....	.....
56	H-60	95,068	95,068	95,068	95,068	.....	.....	.....	.....
57	OTHER AIRCRAFT	76,701	76,701	76,701	76,701	.....	.....	.....	.....
58	PREDATOR MODS	31,872	31,872	31,872	31,872	.....	.....	.....	.....
59	CV-22 MODS	275	275	275	275	.....	.....	.....	.....
60	OTHER MODIFICATIONS: CLASSIFIED PROJECTS	20,880	30,380	30,380	30,380	.....	.....	.....	+ 9,500
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT	2,016,848	2,279,318	2,279,318	2,279,318	.....	.....	.....	+ 262,470
61	AIRCRAFT SPARES AND REPAIR PARTS: INITIAL SPARES/REPAIR PARTS	234,103	234,103	234,103	234,103	.....	.....	.....	.....
	TOTAL, AIRCRAFT SPARES AND REPAIR PARTS	234,103	234,103	234,103	234,103	.....	.....	.....	.....
62	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES: COMMON SUPPORT EQUIPMENT: COMMON SUPPORT EQUIPMENT	223,600	208,600	208,600	208,600	.....	.....	.....	- 15,000
	POST PRODUCTION SUPPORT:								
63	B-1	11,733	11,733	11,733	11,733	.....	.....	.....	.....
64	B-2A	6,801	6,801	6,801	6,801	.....	.....	.....	.....
65	B-2A	30,683	30,683	30,683	30,683	.....	.....	.....	.....
66	B-52	19,405	19,405	19,405	19,405	.....	.....	.....	.....
67	C-130	1,229	1,229	1,229	1,229	.....	.....	.....	.....
68	F-15 POST PRODUCTION SUPPORT	13,407	13,407	13,407	13,407	.....	.....	.....	.....
69	F-16 POST PRODUCTION SUPPORT	11,531	11,531	11,531	11,531	.....	.....	.....	.....
70	INDUSTRIAL PREPAREDNESS	21,082	21,082	21,082	21,082	.....	.....	.....	.....
	WAR CONSUMABLES:								
71	WAR CONSUMABLES	41,314	41,314	41,314	41,314	.....	.....	.....	.....
72	OTHER PRODUCTION CHARGES	309,725	334,725	334,725	334,725	.....	.....	.....	+ 25,000
73	DEPOT MODERNIZATION	34,464	34,464	34,464	34,464	.....	.....	.....	.....

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
77	CLASSIFIED PROGRAMS:						
	DARP		64,941		64,941		
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		789,915		799,915		+ 10,000
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		13,163,174		13,547,524		+ 384,350

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	F-22 RAPTOR	3,633,769	3,603,769	- 30,000
	Execution			- 30,000
5	C-17 ICS	945,560	979,560	+ 34,000
	C-17 Maintenance Training System			+ 34,000
7	C-130J	732,505	769,205	+ 36,700
	Transfer from APAF, line 8			+ 36,700
8	C-130J	186,666	149,966	- 36,700
	Transfer to APAF, line 7			- 36,700
9A	Intro to Flight/Airmanship Programs		880	+ 880
	Trainer aircraft			+ 880
13	TARGET DRONES	74,143	71,143	- 3,000
	Excessive management costs			- 3,000
16a	Tanker replacement		110,000	+ 110,000
	Advance procurement			+ 110,000
23	B-52	92,216	121,116	+ 28,900
	B-52 Attrition Reserve			+ 28,900
26	F-15	181,602	337,402	+ 155,800
	Air to Air Interrogator/Identify Friend-or-foe for ANG			+ 5,800
	Advance procurement for F-15			+ 120,000
	F-100 engine E-Kit upgrade for ANG F-15 fleet			+ 20,000
	ALQ-135 Band 1.5			+ 10,000
27	F-16	336,289	374,289	+ 38,000
	ANG F-16 Block 42 Engine Upgrade Program			+ 30,000
	F-16 Slimline V On-board Oxygen Generation System			+ 8,000
41	KC-10A (ATCA)	37,314	31,014	- 6,300
	GATM program termination			- 6,300
47	C-130	110,375	134,445	+ 24,070
	Senior Scout—Intelligent Communications Exploitation			+ 5,000
	Senior Scout—Directional Finding and Location Upgrades			+ 7,500
	SENIOR SCOUT—ANG Boise, Idaho			+ 2,000
	APN-241 Radar ANG C-13-H2			+ 6,570
	T56-A-15 Engine Upgrades for the C-130E			+ 3,000
49	C-135	51,905	64,405	+ 12,500
	Improved waste removal system			+ 5,500
	SCATHE Chief			+ 7,000
60	CLASSIFIED PROJECTS	20,880	30,380	+ 9,500
	SPEAR Pod			+ 9,500
62	COMMON SUPPORT EQUIPMENT	223,600	208,600	- 15,000
	Unjustified program growth			- 15,000
72	OTHER PRODUCTION CHARGES	309,725	334,725	+ 25,000
	LITENING AT Precision Attack Targeting Pod for AFRC			+ 10,000
	LITENING AT Precision Attack Targeting Pod for ANG			+ 15,000

F-117 Nighthawk.—The Committee concurs with Section 132 of the National Defense Authorization Act for fiscal year 2005, regarding the prohibition of retirement of F-117 aircraft.

Heavy Outsized Airlift Capacity.—The Committee is aware of the on-going Mobility Capabilities Study and the probability that the current 54.5 MTM/day requirement will increase. The Committee, like the Air Force, recognizes the value of filling whatever heavy, outsized lift requirement is validated with the most cost effective fleet structure to include better use of the Civilian Reserve Air Fleet [CRAF].

The Committee directs the Secretary of the Air Force to provide the congressional defense committees with a report assessing any

and all options to introduce a U.S.-owned, heavy, outsized airlift capability into the CRAF based on potential commercial uses of commercialized versions of U.S. heavy outsized cargo aircraft without the need for government investment or substantial involvement.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 2004	\$4,165,633,000
Budget estimate, 2005	4,718,313,000
Committee recommendation	4,609,213,000

The Committee recommends an appropriation of \$4,609,213,000. This is \$109,100,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISSILE PROCUREMENT, AIR FORCE						
	BALLISTIC MISSILES:						
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC:						
1	LGM-30FG MINUTEMAN II/III		\$30,143		\$23,643		-\$6,500
	OTHER MISSILES:						
	TACTICAL:						
3	JASSM	360	148,161	360	148,161		
5	SIDEWINDER (AIM-9X)	248	52,595	248	52,595		
6	AMRAAM	202	107,354	202	107,354		
7	PREDATOR HELFHRE MISSILE	235	20,017	235	20,017		
8	SMALL DIAMETER BOMB	158	29,257	158	29,257		
	INDUSTRIAL FACILITIES:						
9	INDUSTRIAL PREPAREDNESS/POL PREVENTION		2,084		2,084		
	TOTAL, OTHER MISSILES						
			359,468		359,468		
	MODIFICATION OF INSERVICE MISSILES:						
	CLASS IV:						
10	ADVANCED CRUISE MISSILE		4,094		4,094		
12	MM III MODIFICATIONS		640,760		650,760		+ 10,000
13	AGM-65D MAVERICK		222		222		
14	AIR LAUNCH CRUISE MISSILE		21,154		21,154		
	TOTAL, MODIFICATION OF INSERVICE MISSILES						
			666,230		676,230		+ 10,000
	SPARES AND REPAIR PARTS:						
	OTHER AIRCRAFT:						
16	ADVANCED CRUISE MISSILE		8,020		8,020		
17	AIM-7E SPARROW		1,898		1,898		
18	AIM-9 SIDEWINDER		6,273		6,273		
19	SIDEWINDER (AIM-9X)		1,759		1,759		
20	AGM-130 POWERED GBU-15		368		368		
21	LGM-30FG MINUTEMAN II/III		10,016		10,016		
22	MM III MODIFICATIONS		12,866		12,866		

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
23	AGM-65D MAVERICK .....	.....	1,423	.....	1,423	.....	.....
24	AGM-88A HARM .....	.....	2,868	.....	2,868	.....	.....
25	AIR LAUNCH CRUISE MISSILE .....	.....	4,609	.....	4,609	.....	.....
26	AMRAAM .....	.....	341	.....	341	.....	.....
27	PEACEKEEPER (M-X) .....	.....	11,669	.....	11,669	.....	.....
	TOTAL, OTHER AIRCRAFT .....	.....	62,110	.....	62,110	.....	.....
	OTHER SUPPORT:						
	SPACE PROGRAMS:						
28	ADVANCED EHF (AP-CY) .....	.....	98,590	.....	98,590	.....	.....
29	WIDEBAND GAPFILLER SATELLITES .....	.....	40,307	.....	40,307	.....	.....
30	SPACEBORNE EQUIP (COMSEC) .....	.....	9,250	.....	9,250	.....	.....
31	GLOBAL POSITIONING (SPACE)	3	300,772	3	300,772	.....	.....
32	GLOBAL POSITIONING (SPACE) (AP-CY) .....	.....	29,758	.....	29,758	.....	.....
33	DEF METEOROLOGICAL SAT PROGS .....	.....	74,201	.....	74,201	.....	.....
34	DEFENSE SUPPORT PROGRAM(SPACE) .....	.....	116,468	.....	116,468	.....	.....
35	DEFENSE SATELLITE COMM SYSTEM .....	.....	6,613	.....	6,613	.....	.....
36	TITAN SPACE BOOSTERS(SPACE) .....	.....	74,290	.....	71,290	.....	-3,000
37	EVOLVED EXPENDABLE LAUNCH VEH	3	610,997	3	510,997	.....	-100,000
38	MEDIUM LAUNCH VEHICLE(SPACE) .....	.....	102,872	.....	97,872	.....	-5,000
	SPECIAL PROGRAMS:						
40	DEFENSE SPACE RECONN PROGRAM .....	.....	332,388	.....	332,388	.....	.....
44	SPECIAL UPDATE PROGRAMS .....	.....	130,809	.....	126,209	.....	-4,600
	TOTAL, OTHER SUPPORT .....	.....	1,927,315	.....	1,814,715	.....	-112,600
	CLASSIFIED PROGRAMS .....	.....	1,673,047	.....	1,673,047	.....	.....
	TOTAL, MISSILE PROCUREMENT, AIR FORCE .....	.....	4,718,313	.....	4,609,213	.....	-109,100

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	LGM-30F/G MINUTEMAN II/III	30,143	23,643	- 6,500
	Miscellaneous Equipment Cost Growth			- 6,500
12	MM III MODIFICATIONS	640,760	650,760	+ 10,000
	Safety Enhanced Reentry Vehicle [SERV]			+ 10,000
36	Titan Space Boosters (Space)	74,290	71,290	- 3,000
	Titan excess funds			- 3,000
37	Evolved Expendable Launch Veh	610,997	510,997	- 100,000
	Launch delays			- 100,000
38	Medium Launch Vehicle	102,872	97,872	- 5,000
	Excess rate growth			- 5,000
44	Special Update Programs	130,809	126,209	- 4,600
	Classified reduction			- 4,600

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 2004	\$1,262,725,000
Budget estimate, 2005	1,396,457,000
Committee recommendation	1,353,859,000

The Committee recommends an appropriation of \$1,353,859,000. This is \$42,598,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommen- dation	Change from	
						Qty.	Budget estimate
PROCUREMENT OF AMMUNITION, AIR FORCE							
PROCUREMENT OF AMMO, AIR FORCE:							
1	ROCKETS		\$34,557		\$34,557		
2	CARTRIDGES		149,100		149,100		
BOMBS:							
3	PRACTICE BOMBS		46,918		46,918		
4	GENERAL PURPOSE BOMBS		266,489		241,489		-\$25,000
5	SENSOR FUZED WEAPON	315	117,023	315	117,023		
6	JOINT DIRECT ATTACK MUNITION	23,137	521,782	23,137	516,782		-5,000
7	WIND CORRECTED MUNITIONS DISP	2,507	58,670	2,507	58,670		
FLARE, IR MIJ-7B:							
8	CAD/PAD		20,379		20,379		
9	EXPLOSIVE ORDNANCE DISPOSAL 11063		2,889		2,889		
10	SPARES AND REPAIR PARTS		179		179		
11	REPLENISHMENT SPARES		4,185		4,185		
12	MODIFICATIONS LESS THAN \$5M		202		202		
13	ITEMS LESS THAN \$5,000,000		2,798		2,798		
FUZES:							
14	FLARES		123,830		119,530		-4,300
15	FUZES		36,507		28,209		-8,298
TOTAL, PROCUREMENT OF AMMO, AIR FORCE			1,385,508		1,342,910		-42,598
WEAPONS:							
16	SMALL ARMS		10,949		10,949		
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE			1,396,457		1,353,859		-42,598

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
4	GENERAL PURPOSE BOMBS	266,489	241,489	- 25,000
	MAU-169H/B Program Growth			- 25,000
6	JOINT DIRECT ATTACK MUNITION	521,782	516,782	- 5,000
	Engineering Change Orders Execution			- 5,000
14	FLARES	123,830	119,530	- 4,300
	LUU-1 Program Delay			- 3,000
	MJU-39/40 Unit Cost Savings			- 1,300
15	FUZES	36,507	28,209	- 8,298
	FMU-139			- 8,298

Joint Direct Attack Munition [JDAM] Engineering Change Orders.—The budget request includes \$14,684,000 for JDAM engineering change orders, an increase of \$8,480,000 above the fiscal year 2004 level. During the past 2 fiscal years, the Air Force has executed approximately 25 percent of the amounts provided for JDAM engineering change orders on its intended purpose. Based on this prior year execution, the Committee reduces the budget request by \$5,000,000.

OTHER PROCUREMENT, AIR FORCE

Appropriations, 2004	\$11,558,799,000
Budget estimate, 2005	13,283,557,000
Committee recommendation	13,284,897,000

The Committee recommends an appropriation of \$13,284,897,000. This is \$1,340,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT:						
	PASSENGER CARRYING VEHICLES:						
6	ARMORED VEHICLE	1	\$250	1	\$250		
7	PASSENGER CARRYING VEHICLE	284	11,873	284	11,873		
	CARGO + UTILITY VEHICLES:						
8	TRUCK, STAKE/PLATFORM		8,342		8,342		
9	TRUCK, CARGO-UTILITY, 3/4T, 4X4		13,415		13,415		
10	TRUCK, CARGO-UTILITY, 3/4T, 4X2		7,855		7,855		
11	TRUCK MAINT/UTILITY/DELIVERY		9,062		9,062		
12	TRUCK CARRYALL		4,166		4,166		
13	FAMILY MEDIUM TACTICAL VEHICLE		15,332		15,332		
14	HIGH MOBILITY VEHICLE (MYP)		7,555		7,555		
15	TRUCK TRACTOR, OVER 5T		14,086		14,086		
16	CAP VEHICLES		802		802		
17	ITEMS LESS THAN \$5M		24,734		24,734		
	SPECIAL PURPOSE VEHICLES:						
18	TRUCK, TANK, 1200 GAL		5,775		5,775		
19	TRUCK TANK FUEL R-11		14,642		14,642		
20	HMMV, ARMORED		2,301		2,301		
21	TRUCK, REFUSE		549		549		
22	HMMV, UP-ARMORED		6,953		6,953		
24	TRACTOR, A/C TOW, MB-4		11,127		11,127		
25	TRACTOR, TOW, FLIGHTLINE		6,820		6,820		
26	TRUCK HYDRANT FUEL		45		147		
27	ITEMS LESS THAN \$5M		38,839		43,737		+ \$102 + 4,898
	FIRE FIGHTING EQUIPMENT:						
28	TRUCK CRASH P-19		16,158		16,158		
29	ITEMS LESS THAN \$5M		8,372		8,372		
30	TRUCK, F/L 6000 LB		7,408		7,408		
31	TRUCK, F/L 10,000 LB		18,588		18,588		

34	ITEMS LESS THAN \$5M	18,184	18,184	.....	.....	.....
	BASE MAINTENANCE SUPPORT:					
35	LOADER, SCOOP	9,414	9,414	.....	.....	.....
36	LOADER, SCOOP, W/BACKHOE	4,202	4,202	.....	.....	.....
37	TRUCK, DUMP	10,609	10,609	.....	.....	.....
38	RUNWAY SNOW REMOVAL & CLEANING	22,589	22,589	.....	.....	.....
39	CRANE, 7 - 50 TON	5,827	5,827	.....	.....	.....
40	MODIFICATIONS	4,474	4,474	.....	.....	.....
41	ITEMS LESS THAN \$5M	34,013	34,013	.....	.....	.....
	TOTAL, VEHICULAR EQUIPMENT	364,361	364,361	.....	.....	+ 5,000
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP:					
44	COMM SECURITY EQUIPMENT (COMSEC):					
45	COMSEC EQUIPMENT	46,867	34,637	.....	.....	- 12,230
	MODIFICATIONS (COMSEC)	462	462	.....	.....	.....
46	INTELLIGENCE PROGRAMS:					
47	INTELLIGENCE TRAINING EQUIPMENT	2,902	2,902	.....	.....	.....
	INTELLIGENCE COMM EQUIP	1,695	1,695	.....	.....	.....
	ELECTRONICS PROGRAMS:					
48	AIR TRAFFIC CTRL/LAND SYS (AT)	2,949	2,949	.....	.....	.....
49	NATIONAL AIRSPACE SYSTEM	44,354	44,354	.....	.....	.....
50	THEATER AIR CONTROL SYS IMPRO	67,471	67,471	.....	.....	.....
51	WEATHER OBSERVE/FORECAST	32,366	28,236	.....	.....	- 4,130
52	STRATEGIC COMMAND AND CONTROL	49,300	49,300	.....	.....	.....
53	CHEYENNE MOUNTAIN COMPLEX	17,672	17,672	.....	.....	.....
54	TAC SIGINT SUPPORT	386	386	.....	.....	.....
55	DRUG INTERDICTION PROGRAM	404	404	.....	.....	.....
	SPECIAL COMM-ELECTRONICS PROJECTS:					
56	GENERAL INFORMATION TECHNOLOGY	99,862	111,862	.....	.....	+ 12,000
57	AF GLOBAL COMMAND & CONTROL S	17,324	17,324	.....	.....	.....
58	MOBILITY COMMAND AND CONTROL	8,982	8,982	.....	.....	.....
59	AIR FORCE PHYSICAL SECURITY S	93,750	93,750	.....	.....	.....
60	COMBAT TRAINING RANGES	38,142	25,942	.....	.....	- 12,200
62	C3 COUNTERMEASURES	11,812	11,812	.....	.....	.....
63	GCCS-AF FOS	18,614	18,614	.....	.....	.....
64	THEATER BATTLE MGT C2 SYS	44,669	44,669	.....	.....	.....
65	AIR OPERATIONS CENTER (AOC)	43,269	43,269	.....	.....	.....

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIR FORCE COMMUNICATIONS:						
66	BASE INFORMATION INFRASTRUCTURE		423,972		400,972		- 23,000
67	USCENTCOM		30,430		30,430		
68	DEFENSE MESSAGE SYSTEM (DMS)		8,297		8,297		
	DISA PROGRAMS:						
70	NAVSTAR GPS SPACE		10,272		10,272		
71	NUDET DETECTION SYS (NDS) SPA		7,554		7,554		
72	AF SATELLITE CONTROL NETWORK		43,882		43,882		
73	SPACELIFT RANGE SYSTEM SPACE		101,458		106,458		+ 5,000
74	MILSATCOM SPACE		19,176		15,076		- 4,100
75	SPACE MODS SPACE		16,346		16,346		
	ORGANIZATION AND BASE:						
76	TACTICAL C-E EQUIPMENT		141,883		141,883		
77	COMBAT SURVIVOR EVADER LOCATE		13,936		13,936		
78	RADIO EQUIPMENT		8,777		13,777		+ 5,000
79	TV EQUIPMENT (AFRTV)		5,112		5,112		
80	CCTV/AUDIOVISUAL EQUIPMENT		3,271		3,271		
81	BASE COMM INFRASTRUCTURE		118,935		118,935		
82	ITEMS LESS THAN \$5M		5,948		5,948		
	MODIFICATIONS:						
83	COMM ELECT MODS		23,400		23,400		
	TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP		1,625,901		1,592,241		- 33,660
	OTHER BASE MAINTENANCE AND SUPPORT EQUIP:						
	TEST EQUIPMENT:						
84	BASE/ALC CALIBRATION PACKAGE		15,306		15,306		
85	PRIMARY STANDARDS LABORATORY		1,107		1,107		
86	ITEMS LESS THAN \$5M		7,607		7,607		
	PERSONAL SAFETY AND RESCUE EQUIP:						
87	NIGHT VISION GOGGLES		17,349		17,349		
88	ITEMS LESS THAN \$5M		12,997		24,497		+ 11,500

89	DEPOT PLANT + MATERIALS HANDLING EQ:								
90	MECHANIZED MATERIAL HANDLING	16,155	24,155						+ 8,000
	ITEMS LESS THAN \$5M	6,503	6,503						
91	ELECTRICAL EQUIPMENT:	5,882	5,882						
92	FLOODLIGHTS	9,876	9,876						
	ITEMS LESS THAN \$5M								
93	BASE SUPPORT EQUIPMENT:	8,401	13,401						+ 5,000
94	BASE PROCURED EQUIPMENT	14,019	14,019						
96	MEDICAL/DENTAL EQUIPMENT	5,432	5,432						
97	AIR BASE OPERABILITY	1,424	1,424						
98	PHOTOGRAPHIC EQUIPMENT	5,475	5,475						
99	PRODUCTIVITY ENHANCING CAPTA	320,116	320,116						
100	MOBILITY EQUIPMENT	1,452	1,452						
101	AIR CONDITIONERS	18,811	18,811						
	ITEMS LESS THAN \$5M								
	SPECIAL SUPPORT PROJECTS:								
103	TECH SURV COUNTERMEASURES EQ	4,034	4,034						
104	DARP RC135	18,726	18,726						
105	DARP MRIGS	320,218	320,218						
106	SELECTED ACTIVITIES	10,195,797	10,201,297						+ 5,500
107	SPECIAL UPDATE PROGRAM	224,988	224,988						
108	DEFENSE SPACE RECONNAISSANCE	14,264	14,264						
109	MODIFICATIONS	195	195						
110	FIRST DESTINATION TRANSPORTATION	5,767	5,767						
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP	11,251,901	11,281,901						+ 30,000
	SPARE AND REPAIR PARTS:								
111	SPARES AND REPAIR PARTS	41,097	41,097						
112	REPLENISHMENT SPARES	297	297						
	TOTAL, OTHER PROCUREMENT, AIR FORCE	13,283,557	13,284,897						+ 1,340

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
26	TRUCK HYDRANT FUEL	45	147	+ 102
	Transfer from Line 27			+ 102
27	ITEMS LESS THAN \$5,000,000	38,839	43,737	+ 4,898
	Transfer to Line 26			- 102
	GL-1800 AP Truck Mounted Aircraft De-icers			+ 5,000
44	COMSEC EQUIPMENT	46,867	34,637	- 12,230
	KIV-7M—Unjustified Request			- 12,230
51	WEATHER OBSERVE/FORECAST	32,366	28,236	- 4,130
	Digital Ionospheric Sounder System			- 4,130
56	GENERAL INFORMATION TECHNOLOGY	99,862	111,862	+ 12,000
	Eagle Vision			+ 5,000
	Science and Engineering Lab Data Integration [SELDI]			+ 7,000
60	COMBAT TRAINING RANGES	38,142	25,942	- 12,200
	Joint Threat Emitter—Air National Guard			+ 7,500
	Joint Simulator Upgrades			- 19,700
66	BASE INFORMATION INFRASTRUCTURE	423,972	400,972	- 23,000
	Alaska Land Mobile Radio			+ 12,000
	Information Transport Systems Program Growth			- 35,000
73	SPACELIFT RANGE SYSTEM SPACE	101,458	106,458	+ 5,000
	National Range High Frequency Sustainment Program			+ 5,000
74	MILSATCOM SPACE	19,176	15,076	- 4,100
	GBS Receive Suites			- 4,100
78	RADIO EQUIPMENT	8,777	13,777	+ 5,000
	SCOPE Command High Frequency Communications Network			+ 5,000
88	ITEMS LESS THAN \$5,000,000	12,997	24,497	+ 11,500
	Aircrew Laser Eye Protection			+ 2,700
	Aircrew Survival Radio Test Sets			+ 4,000
	Fixed Aircrew Standardized Seat			+ 4,800
89	MECHANIZED MATERIAL HANDLING	16,155	24,155	+ 8,000
	Point of Maintenance/Combat Ammunition System [POMX/CAS] Initiative			+ 8,000
93	BASE PROCURED EQUIPMENT	8,401	13,401	+ 5,000
	Combat Arms Training System—Air National Guard			+ 5,000
106	SELECTED ACTIVITIES	10,195,797	10,201,297	+ 5,500
	Classified Adjustment			+ 5,500

Cryptographic Modernization.—The budget request includes funds to procure the KIV-7M, a cryptographic device designed specifically for secure data communications and to transfer the encryption electronic key. Subsequent to the budget submission, the Air Force revealed the request for this item was made erroneously. The Committee, therefore, reduces the budget request by \$12,229,000.

Digital Ionospheric Sounder System [DISS].—The Committee denies the budget request of \$4,130,000 for the DISS. The Air Force has experienced technological difficulties in meeting system requirements and determined near term solutions may not be readily available. In addition, the Air Force has identified two other options to meet the DISS requirements. Both options are commercial-off-the-shelf solutions, which are not expected to be technologically mature for at least another year.

Joint Simulator Upgrades.—The budget request includes \$19,700,000 to procure equipment in support of the Joint National

Training Capability [JNTC], which is a U.S. Joint Forces Command program. Serving as the DoD Executive Agent for the U.S. Joint Forces Command, the Navy is responsible for prioritizing, presenting, and defending the command's budgetary requirements. Under this authority, the Navy's fiscal year 2005 request includes \$12,000,000 in the "Other Procurement, Navy" account for JNTC equipment. This is \$5,000,000 above last year's level. The Committee denies the request of \$19,700,000 in this account and directs the Department to fund future JNTC equipment requirements in the "Other Procurement, Navy" account.

Point of Maintenance/Combat Ammunition System Initiative.—The Committee recommends an additional \$8,000,000 to continue implementation of the Point of Maintenance/Combat Ammunition System Initiative at priority Air Force facilities. The initiative inserts modern commercial-off-the-shelf automatic identification and data collection technologies into Air Force maintenance and munitions management programs.

Combat Arms Training System [CATS].—The Committee understands the need to modernize small arms training systems for the Air National Guard to meet their Homeland Defense and combat training requirements. There is currently a shortfall of 184 CATS in the Air National Guard. The Committee believes these systems enhance mission readiness and recommends an additional \$5,000,000 to procure CATS for the Air National Guard.

PROCUREMENT, DEFENSE-WIDE

Appropriations, 2004	\$3,709,926,000
Budget estimate, 2005	2,883,302,000
Committee recommendation	2,867,303,000

The Committee recommends an appropriation of \$2,867,303,000. This is \$15,999,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT:						
	MAJOR EQUIPMENT, OSD/WHHS:						
1	WHS MOTOR VEHICLES	1	\$40	1	\$40		
2	MAJOR EQUIPMENT, OSD		125,320		125,320		
3	MAJOR EQUIPMENT, WHS		23,324		23,324		
5	INFORMATION SYSTEM SECURITY PROGRAM		10,487		30,487		+ \$20,000
	MAJOR EQUIPMENT, DISA:						
9	INFORMATION SYSTEMS SECURITY		44,827		44,827		
11	DEFENSE MESSAGE SYSTEM		4,261		4,261		
12	GLOBAL COMMAND AND CONTROL SYS		5,187		5,187		
13	GLOBAL COMBAT SUPPORT SYSTEM		2,639		2,639		
14	TELEPORTS		42,710		42,710		
15	GLOBAL INFORMATION GRID		12,000		12,000		+ 12,000
16	ITEMS LESS THAN \$5M		38,217		38,217		
22	MAJOR EQUIPMENT, DLA:						
	MAJOR EQUIPMENT		7,874		7,874		
23	MAJOR EQUIPMENT, DCAA:						
	MAJOR EQUIPMENT ITEMS LESS THAN \$5M		1,496		1,496		
24	MAJOR EQUIPMENT, TJS:						
	MAJOR EQUIPMENT, TJS		47,633		47,633		
26	MAJOR EQUIPMENT, DHRA:						
	PERSONNEL ADMINISTRATION		7,187		7,187		
28	DEFENSE THREAT REDUCTION AGENCY:						
	VEHICLES		80		80		
29	OTHER MAJOR EQUIPMENT		23,772		23,772		
31	MAJOR EQUIPMENT, AFIS:						
	MAJOR EQUIPMENT, AFIS		6,977		6,977		
32	MAJOR EQUIPMENT, DODDE:						
	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS		2,965		2,965		

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
62	MISCELLANEOUS EQUIPMENT		16,830		21,140		+4,310
63	SOF PLANNING AND REHEARSAL SYSTEM		192		192		
64	SOF OPERATIONAL ENHANCEMENTS		233,632		201,232		-32,400
65	PSYOP EQUIPMENT		18,388		18,388		
	TOTAL, SPECIAL OPERATIONS COMMAND		1,285,252		1,181,541		-103,711
	CHEMICAL/BIOLOGICAL DEFENSE:						
	CBDP:						
66	INSTALLATION FORCE PROTECTION		104,935		104,935		
67	INDIVIDUAL PROTECTION		131,926		133,926		+2,000
68	DECONTAMINATION		11,284		11,284		
69	JOINT BIOLOGICAL DEFENSE PROGRAM		101,097		101,097		
70	COLLECTIVE PROTECTION		18,394		33,394		+15,000
71	CONTAMINATION AVOIDANCE		270,105		294,305		+24,200
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE		637,741		678,941		+41,200
999	CLASSIFIED PROGRAMS		545,392		559,904		+14,512
	TOTAL, PROCUREMENT, DEFENSE-WIDE		2,883,302		2,867,303		-15,999

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
5	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	10,487	30,487	+ 20,000
	Secure Wireless Communications			+ 20,000
15	GLOBAL INFORMATION GRID		12,000	+ 12,000
37	ROTARY WING UPGRADES AND SUSTAINMENT	447,272	205,019	-242,253
	MH-60 SLEP Transfer to New Line			- 94,418
	MH-47 SLEP Transfer to New Line			- 152,835
	MH-47 Infrared (IR) Suppressors			+ 5,000
37A	MH-60 SLEP		71,718	+ 71,718
	Transfer from Line 37—Create New Line			+ 94,418
	NRE and Publications			- 5,000
	Flight Test and Installation			- 17,700
37B	MH-47 SLEP		152,835	+ 152,835
	Transfer from Line 37—Create New Line			+ 152,835
38	SOF TRAINING SYSTEMS	49,192	54,192	+ 5,000
	HH-60G Weapon System Trainer (WST)/Operation Flight Trainer			+ 5,000
40	CV-22 SOF MOD	126,083	115,083	- 11,000
	ILS Reduction			- 11,000
42	C-130 MODIFICATIONS	110,666	36,661	- 74,005
	MC-103H Air Refueling System Funding Transfer to New Line			- 30,505
	Low Band Jammer			- 13,900
	Towed Decoy			- 15,200
	Basic LAMP DIRCM—ILS			- 14,400
42A	MC-130H Air Refueling System		30,505	+ 30,505
	MC-130H Air Refueling System Funding Transfer—Create New Line			+ 30,505
45	ADVANCED SEAL DELIVERY SYSTEM (ASDS) (AP)	34,921		- 34,921
	Program Restructure			- 34,921
48	SOF ORDNANCE ACQUISITION	12,166	11,666	- 500
	SLAM			- 500
49	COMMUNICATIONS EQUIPMENT AND ELECTRONICS	38,434	42,434	+ 4,000
	Automatic Equipment ID			+ 4,000
51	SMALL ARMS AND WEAPONS	8,221	21,221	+ 13,000
	M4 Mod Kits (Weapons Shot Counter)			+ 3,000
	MK47 Mod 0 Striker			+ 10,000
59	TACTICAL VEHICLES	493	10,493	+ 10,000
	Lightweight Tactical All Terrain Vehicle			+ 10,000
62	MISCELLANEOUS EQUIPMENT	16,830	21,140	+ 4,310
	AN/PVS-21 Low Profile Night Vision Goggles			+ 3,000
	Odor Signature Reduction Products for Special Operations Forces			+ 1,310
64	SOF OPERATIONAL ENHANCEMENTS	233,632	201,232	- 32,400
	Special Operations Logistics Support Craft			+ 4,600
	Classified Adjustment			- 37,000
67	INDIVIDUAL PROTECTION	131,926	133,926	+ 2,000
	Individual Protection Masks			+ 2,000
70	COLLECTIVE PROTECTION	18,394	33,394	+ 15,000
	Chem-Bio Collective Protection			+ 5,000
	Chemical Biological Protective Shelters			+ 10,000
71	CONTAMINATION AVOIDANCE	270,105	294,305	+ 24,200
	JCAD Cancellation			- 10,000
	Contamination Avoidance Equipment			+ 1,000
	M-22 Automatic Chemical Agent Alarm (ACADA)			+ 15,000
	WMD-CST Equipment			+ 18,200

Special Operations Procurement Funding.—The Committee recommends \$181,541,000 for procurement of equipment for Special Operations Forces. The Committee applauds the Command and its

forces for their leadership and appreciates the sacrifices made in the Global War on Terrorism. The Committee strongly supports the unique budget authority afforded to the Command and is sensitive to the need for financial flexibility during wartime, however, finds the number of below threshold reprogramming [BTR] actions executed by the Command unacceptable. The Congress provides the Department the flexibility to move funding among programs for unanticipated and extraordinary needs, not for basic program financial management. The benefit of flexibility should not be used to inhibit the Congress' ability to track a program's financial health or circumvent the intent for which funds are appropriated.

The Committee has examined the Command's fiscal year 2005 budget request and finds the level of financial flexibility afforded by the current construction of the Command's budget concerning. Thus, the Committee recommends modifying the current budget structure by increasing the number of line items for procurement. The recommended changes are made in a manner consistent with the Service budget presentations as illustrated by the separation of the MH-47 and MH-60 program budgets. While the Committee has created new lines specifically for the two aircraft Service Life Extension Programs [SLEP], it directs the Command to further separate the funding provided in the Rotary Wing Upgrade line by program in future budget submissions. The Committee further directs the Command to follow the recommended budgetary line item construction in the future.

Advanced SEAL Delivery System [ASDS].—In the report accompanying Public Law 108-87 the conferees directed that none of the funds provided for the ASDS could be obligated or expended until a successful Milestone C decision and a revised cost estimate validated by the Cost Analysis and Improvement Group [CAIG] was provided to the congressional defense committees. The Committee has recently been notified that the Milestone C decision has been delayed until the fall of 2005. As a positive Milestone C decision is required to initiate procurement of the second ASDS, the fiscal year 2004 and 2005 funding for advance procurement is no longer required. As such, the Committee recommends rescinding the fiscal year 2004 and reducing fiscal year 2005 funding for this effort. The Committee commends the Command for making the practical program management decision to revise the schedule and hopes the postponement of the Milestone C decision will allow the ASDS to overcome the deficiencies identified in the Operational Test and Evaluation report, undergo the full range of acoustic testing, and incorporate the projected technology improvements. In order to facilitate these efforts, the Committee recommends \$14,000,000 for the ASDS in the Research, Development, Test and Evaluation, Defense-Wide appropriation.

NATIONAL GUARD AND RESERVE EQUIPMENT

Appropriations, 2004	\$400,000,000
Budget estimate, 2005	
Committee recommendation	500,000,000

The Committee recommends an appropriation of \$500,000,000. This is \$500,000,000 above the budget estimate.

The appropriation includes direction for each Reserve and National Guard component commander to submit to the congressional defense committees a detailed assessment of that component's modernization priorities.

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

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	NATIONAL GUARD & RESERVE EQUIPMENT						
	RESERVE EQUIPMENT:						
	ARMY RESERVE:						
1	MISCELLANEOUS EQUIPMENT .....	.....	.....	.....	\$50,000	.....	+ \$50,000
2	NAVY RESERVE:						
	MISCELLANEOUS EQUIPMENT .....	.....	.....	.....	50,000	.....	+ 50,000
3	MARINE CORPS RESERVE:						
	MISCELLANEOUS EQUIPMENT .....	.....	.....	.....	50,000	.....	+ 50,000
4	AIR FORCE RESERVE:						
	MISCELLANEOUS EQUIPMENT .....	.....	.....	.....	50,000	.....	+ 50,000
	TOTAL, RESERVE EQUIPMENT .....	.....	.....	.....	200,000	.....	+ 200,000
	NATIONAL GUARD EQUIPMENT:						
	ARMY NATIONAL GUARD:						
5	MISCELLANEOUS EQUIPMENT .....	.....	.....	.....	150,000	.....	+ 150,000
	AIR NATIONAL GUARD:						
6	MISCELLANEOUS EQUIPMENT .....	.....	.....	.....	150,000	.....	+ 150,000
	TOTAL, NATIONAL GUARD EQUIPMENT .....	.....	.....	.....	300,000	.....	+ 300,000
	TOTAL, NATIONAL GUARD & RESERVE EQUIPMENT .....	.....	.....	.....	500,000	.....	+ 500,000

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 \$50,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Navy Reserve units.

MARINE CORPS RESERVE

Miscellaneous Equipment.—The Committee recommends \$50,000,000 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 \$50,000,000 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 \$150,000,000 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 \$150,000,000 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: COTS Surveillance System, MTRV, Virtual Emergency Response Training System, HMMWV Convoy/Trainer, Tactical Fire Fighting Equipment, High Mobility Multipurpose Wheeled Vehicle [HMMWV], Army M249 5.56 Squad Automatic Weapon, National Guard—Paul Revere Command Information System, Life Support for Trauma and Transport [LSTAT], M-COFT XXI Program, AB-FIST Non-Systems Training Devices, Army Live Fire Ranges, Combat Arms Training System—Army National Guard, Calibration Sets Equipment Modernization, Mobile Operational Simulators [MOS], Modern Burner Unit, Litening Targeting Pods, LAIRCM, SINGARS, AN/PVS-14, UH-60L/M, HEMTT, Small Arms, Jav-

elin, AN/PAS-13, Movement Tracking System, EPLRS, Shortstop, TUAV, M22 Chemical Agent Alarm [ACADA], Prophet, C-130G2 APN-241 Radar, F-15 JHMCS, JSTARS AMSTE, F-16 APG-68[V]9, F-16 Color Displays, A-10 TDL, HH-60 TDL, Pararescue TDL, HC-130 TDL, C/EC-130 TDL, HH-60G 200 Gallon Internal Fuel Tank, HH-60G PNVG, F-15E Engine Kits, WMD Response Equipment, Halverson Loader, Table Top Trainers, Tactical Airborne Reconnaissance System [TARS], and FMTV.

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 2004	\$78,016,000
Budget estimate, 2005	9,015,000
Committee recommendation	42,515,000

The Committee recommends an appropriation of \$42,515,000. This is \$33,500,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[Dollar amounts in thousands]

Line	Item	Qty.	2005 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
1	DEFENSE PRODUCTION ACT PURCHASES		\$9,015		\$42,515		+ \$33,500
	Total, Defense Production Act Purchases		9,015		42,515		+ 33,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	DEFENSE PRODUCTION ACT PURCHASES	9,015	42,515	+ 33,500
	Affordable rigid rod polymeric materials initiative .....	.....	.....	+ 12,000
	Beryllium supply industrial base .....	.....	.....	+ 3,000
	POSS Nanotechnology engineering scale-up initiative .....	.....	.....	+ 1,000
	Miniature compressor for electronics and personal computing .....	.....	.....	+ 5,000
	Carbon Foam .....	.....	.....	+ 500
	Hydrogen ion implementation equipment .....	.....	.....	+ 5,000
	Flexible aerogel material supplier initiative .....	.....	.....	+ 7,000

TITLE IV

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

Funds appropriated under this title provide the resources required to conduct a program of research, development, test and evaluation, including research in basic science, applied research, advanced technology development, demonstration and validation, engineering and manufacturing development, and operational systems development.

The President's fiscal year 2005 budget requests a total of \$67,772,288,000 for research, development, test and evaluation appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends research, development, test and evaluation appropriations totaling \$68,768,845,000 for fiscal year 2005. This is \$996,557,000 above the budget estimate.

Committee recommended research, development, test and evaluation appropriations for fiscal year 2005 are summarized below:

SUMMARY OF RESEARCH, DEVELOPMENT, TEST AND EVALUATION APPROPRIATIONS

[In thousands of dollars]

Account	2005 budget estimate	Committee recommendation	Change from budget estimate
Research, Development, Test and Evaluation:			
Army	9,266,258	10,308,804	+ 1,042,546
Navy	16,346,391	16,748,035	+ 401,644
Air Force	21,114,667	21,002,308	- 112,359
Defense-Wide	20,739,837	20,404,563	- 335,274
Operational Test and Evaluation, Defense	305,135	305,135	.....
Total	67,772,288	68,768,845	+ 996,557

COMMITTEE RECOMMENDATIONS

The Committee has displayed recommended adjustments in tables presented under each appropriation account.

These adjustments reflect the following Committee actions: elimination of funds requested for programs which are lower priority, duplicative, or not supported by firm requirements in out year development or procurement appropriations; 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 estimate; and implementation of recommendations in the Senate bill authorizing activities of the Department of Defense for fiscal year 2005.

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

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Appropriations, 2004	\$10,363,941,000
Budget estimate, 2005	9,266,258,000
Committee recommendation	10,308,804,000

The Committee recommends an appropriation of \$10,308,804,000. This is \$1,042,546,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY			
	BASIC RESEARCH:			
1	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	23,971	23,971	.....
2	DEFENSE RESEARCH SCIENCES	131,206	163,806	+ 32,600
3	UNIVERSITY RESEARCH INITIATIVES	75,133	80,533	+ 5,400
4	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	77,658	100,734	+ 23,076
5	FORCE HEALTH PROTECTION	9,538	10,538	+ 1,000
	TOTAL, BASIC RESEARCH	317,506	379,582	+ 62,076
	APPLIED RESEARCH:			
6	MATERIALS TECHNOLOGY	15,385	51,885	+ 36,500
7	SENSORS AND ELECTRONIC SURVIVABILITY	25,629	38,129	+ 12,500
8	TRACTOR HIP	6,627	6,627	.....
9	AVIATION TECHNOLOGY	41,629	46,629	+ 5,000
10	EW TECHNOLOGY	18,034	19,534	+ 1,500
11	MISSILE TECHNOLOGY	51,993	107,293	+ 55,300
12	ADVANCED WEAPONS TECHNOLOGY	16,641	23,641	+ 7,000
13	ADVANCED CONCEPTS AND SIMULATION	15,041	26,841	+ 11,800
14	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	69,638	103,138	+ 33,500
15	BALLISTICS TECHNOLOGY	51,301	54,101	+ 2,800
16	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	3,476	10,576	+ 7,100
17	JOINT SERVICE SMALL ARMS PROGRAM	5,739	5,739	.....
18	WEAPONS AND MUNITIONS TECHNOLOGY	44,666	71,666	+ 27,000
19	ELECTRONICS AND ELECTRONIC DEVICES	41,236	88,536	+ 47,300
20	NIGHT VISION TECHNOLOGY	22,617	22,617	.....
21	COUNTERMINE SYSTEMS	20,547	24,547	+ 4,000
22	HUMAN FACTORS ENGINEERING TECHNOLOGY	16,899	16,899	.....
23	ENVIRONMENTAL QUALITY TECHNOLOGY	17,026	24,526	+ 7,500
24	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	18,604	20,604	+ 2,000
25	COMPUTER AND SOFTWARE TECHNOLOGY	3,982	3,982	.....
26	MILITARY ENGINEERING TECHNOLOGY	47,152	53,152	+ 6,000
27	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	15,322	16,322	+ 1,000
28	WARFIGHTER TECHNOLOGY	21,131	58,531	+ 37,400
29	MEDICAL TECHNOLOGY	60,877	117,377	+ 56,500
	TOTAL, APPLIED RESEARCH	651,192	1,012,892	+ 361,700
	ADVANCED TECHNOLOGY DEVELOPMENT:			
30	WARFIGHTER ADVANCED TECHNOLOGY	68,034	59,534	- 8,500
31	MEDICAL ADVANCED TECHNOLOGY	38,404	164,404	+ 126,000
32	AVIATION ADVANCED TECHNOLOGY	69,549	102,749	+ 33,200
33	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	67,622	79,122	+ 11,500

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
34	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	203,126	263,326	+ 60,200
35	COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	9,946	9,946	.....
36	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	7,288	8,788	+ 1,500
37	ELECTRONIC WARFARE ADVANCED TECHNOLOGY	41,760	68,760	+ 27,000
38	TRACTOR HIKE	8,035	8,035	.....
39	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	18,072	30,072	+ 12,000
40	TRACTOR ROSE	4,736	4,736	.....
41	EXPLOSIVES DEMILITARIZATION TECHNOLOGY	9,706	21,106	+ 11,400
42	MILITARY HIV RESEARCH	6,641	6,641	.....
43	COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT	3,383	9,583	+ 6,200
44	GLOBAL SURVEILLANCE/AIR DEFENSE/PRECISION STRIKE TECHN	10,721	10,721	.....
45	EW TECHNOLOGY	9,382	16,382	+ 7,000
46	MISSILE AND ROCKET ADVANCED TECHNOLOGY	92,800	118,300	+ 25,500
47	TRACTOR CAGE	13,312	13,312	.....
48	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	25,577	32,577	+ 7,000
49	JOINT SERVICE SMALL ARMS PROGRAM	5,968	11,868	+ 5,900
51	NIGHT VISION ADVANCED TECHNOLOGY	50,071	88,371	+ 38,300
52	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	14,666	14,666	.....
53	MILITARY ENGINEERING ADVANCED TECHNOLOGY	3,865	27,065	+ 23,200
54	ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY	31,951	31,951	.....
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	814,615	1,202,015	+ 387,400
	DEMONSTRATION & VALIDATION:			
55	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	53,509	116,909	+ 63,400
56	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (DEM/VAL)	4,871	35,971	+ 31,100
57	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	91,713	122,713	+ 31,000
58	LANDMINE WARFARE AND BARRIER—ADV DEV	11,634	18,634	+ 7,000
59	SMOKE, OBSCURANT AND TARGET DEFEATING SYS—ADV DEV	6,249	11,249	+ 5,000
60	TANK AND MEDIUM CALIBER AMMUNITION	39,697	9,697	— 30,000
62	ADVANCED TANK ARMAMENT SYSTEM (ATAS)	51,892	51,892	.....
63	SOLDIER SUPPORT AND SURVIVABILITY	13,810	13,810	.....
64	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	15,441	15,441	.....
65	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	14,047	19,047	+ 5,000
66	ENVIRONMENTAL QUALITY TECHNOLOGY	9,356	24,356	+ 15,000
67	WARFIGHTER INFORMATION NETWORK—TACTICAL (DEM/VAL)	99,645	99,645	.....
68	NATO RESEARCH AND DEVELOPMENT	4,801	4,801	.....
69	AVIATION—ADV DEV	12,113	18,613	+ 6,500
70	WEAPONS AND MUNITIONS—ADV DEV	2,382	2,382	.....
71	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	10,485	16,485	+ 6,000
72	COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION	6,366	6,366	.....
73	MEDICAL SYSTEMS—ADV DEV	10,258	22,758	+ 12,500
74	INTEGRATED BROADCAST SERVICE (JMIP/DISTP)	4,356	4,356	.....
76	SCAMP BLOCK II (DEM/VAL)	10,221	10,221	.....
77	MEDIUM EXTENDED AIR DEFENSE SYSTEM (MEADS) CONCEPTS	264,527	264,527	.....
	TOTAL, DEMONSTRATION & VALIDATION	737,373	889,873	+ 152,500
	ENGINEERING & MANUFACTURING DEVELOPMENT:			
78	AIRCRAFT AVIONICS	68,857	80,827	+ 11,970
79	ARMED, DEPLOYABLE OH—58D	20,000	15,000	— 5,000
81	EW DEVELOPMENT	16,879	16,879	.....

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
82	JOINT TACTICAL RADIO	121,400	121,400	.....
83	ALL SOURCE ANALYSIS SYSTEM	5,346	5,346	.....
84	TRACTOR CAGE	14,149	14,149	.....
85	COMMON MISSILE	152,381	152,381	.....
86	INFANTRY SUPPORT WEAPONS	28,187	38,187	+ 10,000
87	MEDIUM TACTICAL VEHICLES	2,854	5,854	+ 3,000
88	SMOKE, OBSCURANT AND TARGET DEFEATING SYS—ENG DEV	3,798	3,798	.....
89	JAVELIN	944	944	.....
90	FAMILY OF HEAVY TACTICAL VEHICLES	2,479	27,479	+ 25,000
91	AIR TRAFFIC CONTROL	2,088	2,088	.....
93	LIGHT TACTICAL WHEELED VEHICLES .....	.....	10,000	+ 10,000
94	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	2,700,455	2,127,018	— 573,437
94A	NON LINE OF SIGHT LAUNCH SYSTEMS .....	.....	64,500	+ 64,500
95	NON-LINE OF SIGHT CANNON	497,643	841,580	+ 343,937
97	NIGHT VISION SYSTEMS—ENG DEV	24,693	24,693	.....
98	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	115,093	115,093	.....
99	NON-SYSTEM TRAINING DEVICES—ENG DEV	51,694	51,694	.....
100	TERRAIN INFORMATION—ENG DEV	3,199	3,199	.....
101	INTEGRATED METEOROLOGICAL SUPPORT SYSTEM	2,485	2,485	.....
103	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV	27,376	27,376	.....
104	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	42,869	42,869	.....
105	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	4,713	7,213	+ 2,500
106	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) -ENGINEER	26,985	26,985	.....
107	TACTICAL SURVEILLANCE SYSTEMS—ENG DEV	21,821	21,821	.....
108	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	21	2,521	+ 2,500
110	POSITIONING SYSTEMS DEVELOPMENT (SPACE)	2,048	2,048	.....
111	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	23,849	23,849	.....
112	JOINT NETWORK MANAGEMENT SYSTEM	10,726	10,726	.....
113	AVIATION—ENG DEV	2,378	3,378	+ 1,000
114	WEAPONS AND MUNITIONS—ENG DEV	125,885	149,885	+ 24,000
115	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	89,151	96,151	+ 7,000
116	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV	219,790	227,790	+ 8,000
117	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	11,727	15,727	+ 4,000
118	LANDMINE WARFARE/BARRIER—ENG DEV	51,045	51,045	.....
119	ARTILLERY MUNITIONS—EMD	133,297	133,297	.....
120	COMBAT IDENTIFICATION	6,994	14,994	+ 8,000
121	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	68,110	68,110	.....
122	LOSAT	22,628	22,628	.....
123	RADAR DEVELOPMENT	6,107	6,107	.....
124	FIREFINDER	18,516	24,516	+ 6,000
125	ARTILLERY SYSTEMS—EMD	9,550	12,550	+ 3,000
126	PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION	64,178	64,178	.....
127	INFORMATION TECHNOLOGY DEVELOPMENT	95,261	95,261	.....
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	4,919,649	4,875,619	— 44,030
	RDT&E MANAGEMENT SUPPORT:			
128	THREAT SIMULATOR DEVELOPMENT	22,101	31,701	+ 9,600
129	TARGET SYSTEMS DEVELOPMENT	11,017	11,017	.....
130	MAJOR T&E INVESTMENT	57,987	57,987	.....
131	RAND ARROYO CENTER	20,012	24,012	+ 4,000
132	ARMY KWAJALEIN ATOLL	143,921	143,921	.....
133	CONCEPTS EXPERIMENTATION PROGRAM	22,727	24,727	+ 2,000
135	ARMY TEST RANGES AND FACILITIES	181,114	201,114	+ 20,000
136	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	52,433	61,933	+ 9,500

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
137	SURVIVABILITY/LETHALITY ANALYSIS	44,648	50,648	+ 6,000
138	DOD HIGH ENERGY LASER TEST FACILITY	15,725	15,725	.....
139	AIRCRAFT CERTIFICATION	3,485	3,485	.....
140	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	8,711	8,711	.....
141	MATERIEL SYSTEMS ANALYSIS	18,000	18,000	.....
142	EXPLOITATION OF FOREIGN ITEMS	4,740	4,740	.....
143	SUPPORT OF OPERATIONAL TESTING	71,239	71,239	.....
144	ARMY EVALUATION CENTER	62,209	62,209	.....
145	SIMULATION & MODELING FOR ACQ, RQTS, & TNG (SMART)	1,935	1,935	.....
146	PROGRAMWIDE ACTIVITIES	59,368	59,368	.....
147	TECHNICAL INFORMATION ACTIVITIES	27,713	30,713	+ 3,000
148	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	14,611	36,111	+ 21,500
149	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT ..	4,527	4,527	.....
150	MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	11,575	11,575	.....
	TOTAL, RDT&E MANAGEMENT SUPPORT	859,798	935,398	+ 75,600
	OPERATIONAL SYSTEMS DEVELOPMENT:			
152	MLRS PRODUCT IMPROVEMENT PROGRAM	97,422	97,422	.....
153	AEROSTAT JOINT PROJECT OFFICE	81,514	81,514	.....
154	DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCT .....	.....	5,000	+ 5,000
155	ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	17,994	17,994	.....
156	COMBAT VEHICLE IMPROVEMENT PROGRAMS	15,952	15,952	.....
157	MANEUVER CONTROL SYSTEM	24,753	24,753	.....
158	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	242,853	222,853	- 20,000
159	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	2,427	12,427	+ 10,000
160	DIGITIZATION	24,506	24,506	.....
161	FORCE XXI BATTLE COMMAND, BRIGADE AND BELOW (FBCB2)	23,510	23,510	.....
162	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	31,690	31,690	.....
163	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	4,863	4,863	.....
164	TRACTOR RUT	3,321	3,321	.....
165	TRACTOR CARD	9,023	9,023	.....
166	JOINT TACTICAL COMMUNICATIONS PROGRAM (TRI-TAC) ..	18,177	18,177	.....
167	JOINT TACTICAL GROUND SYSTEM	9,967	9,967	.....
171	SECURITY AND INTELLIGENCE ACTIVITIES .....	.....	4,000	+ 4,000
172	INFORMATION SYSTEMS SECURITY PROGRAM	24,725	30,725	+ 6,000
173	GLOBAL COMBAT SUPPORT SYSTEM	94,215	94,215	.....
174	SATCOM GROUND ENVIRONMENT (SPACE)	51,959	51,959	.....
175	WMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	19,204	19,204	.....
177	TACTICAL UNMANNED AERIAL VEHICLES	45,627	55,127	+ 9,500
178	AIRBORNE RECONNAISSANCE SYSTEMS	5,128	11,328	+ 6,200
179	DISTRIBUTED COMMON GROUND SYSTEMS	43,254	50,254	+ 7,000
180	AVIONICS COMPONENT IMPROVEMENT PROGRAM	997	997	.....
181	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	67,236	86,836	+ 19,600
182	NATO JOINT STARS	595	595	.....
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	960,912	1,008,212	+ 47,300
	CLASSIFIED PROGRAMS	5,213	5,213	.....
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY	9,266,258	10,308,804	+ 1,042,546

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
2	DEFENSE RESEARCH SCIENCES	131,206	163,806	+ 32,600
	Desert Terrain Analysis for Enhancing Military Operations			+ 4,000
	Low Temperature Research			+ 2,000
	Advanced Research and Technology Initiative			+ 4,000
	Functionally Integrated Reactive Surface Technology Program [FIRST]			+ 1,000
	Bioterrorists Agents in Military Drinking Water Systems			+ 1,000
	Advanced Deployable Nano-Sensors			+ 1,000
	Prometheus Spectrometer			+ 7,000
	Optical Technologies Research			+ 3,000
	Prediction of Land-Atmosphere Interactions			+ 2,000
	Knowledge Management Research			+ 1,000
	Brain Imaging research			+ 5,600
	PASIS (Perpetually Available and Secure Information Systems Research)			+ 1,000
3	UNIVERSITY RESEARCH SCIENCES (H)	75,133	80,533	+ 5,400
	Army force protection			+ 3,000
	Bioinformatics research			+ 2,400
4	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	77,658	100,734	+ 23,076
	National Infotonics research			+ 5,000
	Small Trailer Corrosion Prevention Program			+ 750
	NOLES Composite Materials			+ 3,000
	Partnership for a Next Generation of Vehicles/TACOM			+ 1,000
	Composite Materials research			+ 826
	Ferroelectric Electronic-Photonic Nanodevices research			+ 3,000
	Rapidly Deployable Visualization for Training and Simulation in Urban Terrains			+ 1,000
	Next Generation Joining Technology Research Initiative			+ 2,000
	Info Assurance Research			+ 1,500
	University Based Automotive Research			+ 5,000
5	FORCE HEALTH PROTECTION	9,538	10,538	+ 1,000
	Gulf War Illness and Chemical Agent Exposure Program			+ 1,000
6	MATERIALS TECHNOLOGY	15,385	51,885	+ 36,500
	Spinel Tactical Armor Manufacturing Technology [STAMT]			+ 4,000
	Materials Joining for Army Weapons Systems			+ 4,000
	Advanced Materials Processing for Future Combat Systems			+ 7,000
	Design and Manufacturing Process Technology for High Performance Polymer Nano-composites			+ 2,000
	Future Affordable Multi-Utility [FAMU] Materials for the Army FCS			+ 2,500
	Composite Materials Technology for FCS			+ 4,000
	On-Demand Micro Electronics Manufacturing and Qualification			+ 4,000
	Engineered Surfaces for Weapons Systems Life Extension			+ 4,000
	Advanced Materials for Mine Detection and Blast Mitigation			+ 5,000
7	SENSORS AND ELECTRONIC SURVIVABILITY	25,629	38,129	+ 12,500
	Portable Chemical-Biological Agent Detection System			+ 3,500
	Digital Radio Frequency Tags [DRaFT]			+ 6,000
	Small Airship Surveillance System—Lite Remotely Piloted System			+ 3,000
9	AVIATION TECHNOLOGY	41,629	46,629	+ 5,000
	Silver Fox UAV			+ 5,000
10	EW TECHNOLOGY	18,034	19,534	+ 1,500
	Biometric Signatures Research			+ 1,500

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
11	MISSILE TECHNOLOGY	51,993	107,293	+ 55,300
	Mariah II Hypersonic Wind Tunnel			+ 15,000
	Army Flight Test			+ 2,000
	Unmanned Systems Initiative at AMRDEC			+ 10,000
	Hypersonic Army Missile Technology			+ 21,300
	Maneuver Air Defense System [MADS]			+ 2,000
	LENS X Hypervelocity Ground Testing			+ 5,000
12	ADVANCED WEAPONS TECHNOLOGY	16,641	23,641	+ 7,000
	Rapid Target Acquisition & Tracking System			+ 7,000
13	ADVANCED CONCEPTS AND SIMULATION	15,041	26,841	+ 11,800
	Joint Unmanned Systems Test and Research [JUSTER] ..			+ 6,800
	Boston University Photonics research			+ 5,000
14	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	69,638	103,138	+ 33,500
	SmarTruck			+ 5,000
	Multipurpose Utility Vehicle—Reconfigurable			+ 2,000
	Flexible JP-8 (Single Battlefield Fuel) Pilot Plant Program Phase III			+ 6,000
	Advanced Electric Drive			+ 3,000
	Rapid Prototyping			+ 2,000
	Advanced High Power Rechargeable Stored Energy Techno- logy			+ 10,000
	Unmanned Vehicle Control Technologies			+ 2,500
	Advanced Energy and Manufacturing Technology			+ 3,000
15	BALLISTICS TECHNOLOGY	51,301	54,101	+ 2,800
	Structural Reliability of Electronic Components for Muni- tions & Lt Wt Structures			+ 2,800
16	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY ...	3,476	10,576	+ 7,100
	Rapid Response Deployable Vaporous Hydrogen Peroxide Bio-Chem			+ 7,100
18	WEAPONS AND MUNITIONS TECHNOLOGY	44,666	71,666	+ 27,000
	Army Excellence in Acoustics research			+ 5,000
	RangeSafe Technology Demonstration Initiative			+ 3,000
	Green Armaments Technology Initiative [GAT]			+ 3,000
	Active Coating Technology			+ 4,000
	Deep Digger			+ 1,000
	Electroconversion of Energetic Materials			+ 5,000
	Advanced Technology Lightweight Armament System— Rarefaction Wave Gun			+ 2,000
	Amorphous Metal Manufacturing Technology for Military Applications			+ 1,000
	Micro-Laminate Ceramic Armor			+ 3,000
19	ELECTRONICS AND ELECTRONIC DEVICES	41,236	88,536	+ 47,300
	Soldier Portable Fuel Cell Power			+ 3,500
	Flexible Display Initiative [FDI] Displays for Military Appli- cations			+ 8,000
	Battery Returns in Error Advanced Vehicle Battery Man- agement Program (Phase II)			+ 1,000
	Rapid recharge, lithium-ion battery pack			+ 3,000
	ONAMI Miniature Tactical Energy Systems Development ...			+ 5,000
	High Power Solid State Lasers			+ 1,000
	PEM Fuel Cell Quiet Tactical Generators			+ 1,000
	Cylindrical Zinc Air Battery for Future Soldier Communica- tion Systems			+ 1,000
	Universal Radio Frequency Identification [RFID] Monitoring Device			+ 1,000
	Transcritical CO2 Environmental Control Unit			+ 5,500
	Software Defined Radio Communications Interoperability Initiative			+ 3,000
	Rechargeable Cylindrical Cell Systems—Lithium Ion/Nick- el Metal Hydride			+ 1,000
	Metal Oxide Cathode—1.5 Volt Alkaline			+ 1,000
	State of Charge Battery Life Indicator			+ 2,500
	Flexible Polymer Multilaminate Packaging			+ 2,000
	Direct Diode Electro-Optical Source			+ 7,800

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
21	COUNTERMINE SYSTEMS	20,547	24,547	+ 4,000
	Polymer Based Landmine Detection			+ 4,000
23	ENVIRONMENTAL QUALITY TECHNOLOGY	17,026	24,526	+ 7,500
	Hawthorne Army Depot			+ 6,000
	Biological/Chemical Materials Environmental Modeling			+ 1,500
24	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	18,604	20,604	+ 2,000
	Portable Flexible Communications Display Device			+ 2,000
26	MILITARY ENGINEERING TECHNOLOGY	47,152	53,152	+ 6,000
	University Partnership for Operational Support			+ 3,000
	Geosciences/Atmospheric Research			+ 3,000
27	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	15,322	16,322	+ 1,000
	Dermal phase meter			+ 1,000
28	LOGISTICS TECHNOLOGY	21,131	58,531	+ 37,400
	Self-Decontaminating Selectively Permeable Membranes			+ 3,500
	Flexible Monolithically Integrated Solar Panels on a Polymer Substrate			+ 3,200
	Next Generation Chemical/Biological Agent Protective Garment			+ 2,500
	Supplemental body armor research			+ 7,000
	Integrated, Unbreakable, Flexible Visible and Infrared Lighting Surfaces			+ 3,500
	Warfighter technology			+ 3,200
	U.S. Army research on advanced structures and composites in construction			+ 5,000
	Improved Shelf-Life in fresh fruits and vegetables			+ 5,000
	NBC Integrated Protection Membrane—Shelters [NBCIPM-S]			+ 4,500
29	MEDICAL TECHNOLOGY	60,877	117,377	+ 56,500
	Predictive Tools for Post-Traumatic Stress Disorder [PTSD]			+ 2,000
	Chitosan Hemorrhage Control Dressing			+ 5,000
	USAMRIID Anthrax Research			+ 3,000
	National Behavioral Genomics Research			+ 2,000
	Tissue Replacement and Repair for Battlefield Injuries			+ 4,000
	Combat Casualty Care for Battlefield Wounds			+ 4,000
	Texas Training and Technology for Trauma and Terrorism			+ 11,000
	Transportable Pathogen Reduction and Blood Safety System			+ 3,500
	Reserve Component Medical Skills Readiness Training			+ 3,000
	Comprehensive Bioactive Products Program for Breast Cancer			+ 1,000
	Automated Medical Emergency Intravascular Access (AuthCath)			+ 2,000
	Shock Trauma Research			+ 3,000
	International Rehabilitation Network			+ 5,000
	Military Biomaterials Research [CEMBR]			+ 5,000
	Computational Proteomics			+ 3,000
	HSDI			+ 5,000
	Authorized reduction			- 5,000
30	WARFIGHTER ADVANCED TECHNOLOGY	68,034	59,534	- 8,500
	Ration Packaging Materials & Systems for MRE's			+ 2,000
	Antimicrobial/Medical Baselayar Garment Technology			+ 1,000
	Multifunctional Protective Packaging Technology			+ 1,500
	Technology and Human Systems Integration Program			+ 2,000
	Land Warrior/Future Force Warrior consolidation			- 15,000
31	MEDICAL ADVANCED TECHNOLOGY	38,404	164,404	+ 126,000
	Mobile I.V. system			+ 3,000
	Advanced Clinical Education Institute/Surgery Interactive System			+ 2,000
	Metroplex Comprehensive Medical Imaging research			+ 7,000
	National Bioterrorism Civilian Medical Response [CIMERC]			+ 2,000
	Operating Room of the Future			+ 4,500

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	National Tissue Engineering Center			+ 2,500
	Orphan Disease Drug Discovery			+ 2,000
	Medical Modeling and Simulation through Synthetic Digital Genes			+ 2,500
	Fort Detrick Technology Transfer Initiative			+ 1,000
	Prostate Disease Research (WRAMC)			+ 5,000
	Military Low Vision Research			+ 4,000
	Fibrinogen Bandages for Battlefield Wounds			+ 7,000
	Brain, Biology and Machines			+ 6,000
	Untethered Health Care			+ 2,000
	Pennington Biomedical			+ 4,000
	Smart Shelf Chain of Custody and Control of Medical Records			+ 8,800
	SEamed Oral Health Project			+ 2,500
	Human Polymerized Pyridoxilated Hemoglobin-Based Oxygen Carriers			+ 2,000
	Technologies for Metabolic Monitoring			+ 1,000
	Accelerated Diagnosis-Digital Imaging Pattern Recognition			+ 4,000
	Study of Human Operator Performance [C-SHOP]			+ 5,000
	Light Based Self Treatment for Pseudofolliculitis Barbae (PFB)			+ 3,000
	Soldier-mounted Eye-Tracking and Control Systems			+ 2,000
	Genomic Medicine and Gene Therapy Project			+ 2,500
	Vascular Graft Research for Combat Settings			+ 2,600
	Leishmaniasis Prevention, Treatment & Diagnosis			+ 10,000
	Malaria Prevention, Treatment & Diagnosis			+ 10,000
	Weight Measurements and Standards for Military Personnel			+ 3,000
	Minimally Invasive Surgery Modeling and Simulation			+ 1,500
	Electronic Textiles for Combat Casualty Care			+ 3,000
	Extra corporeal membrane oxygenation at Tripler			+ 6,000
	Tissue development on elastin biomatrixes			+ 5,600
	Tripler Army Medical Center eICU remote critical care			+ 4,000
	Authorized reduction			- 5,000
32	AVIATION ADVANCED TECHNOLOGY	69,549	102,749	+ 33,200
	Excaliber Tact UC AV			+ 8,000
	Reconfigurable Tooling Systems			+ 1,700
	Process Technologies for Replacement Part Production			+ 6,000
	Wiring Traceout for Joint Aviation Technical Data Integration			+ 2,000
	UAV and Micro Air Vehicle Dynamometer			+ 7,000
	VTDP Compound Helicopter Technology Flight Demonstration			+ 5,500
	Improved Lung Cancer Management—Advanced Imaging Technology			+ 3,000
33	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	67,622	79,122	+ 11,500
	Tungsten Penetrator			+ 4,000
	Main Rotor and Anti-Torque Blade Erosion Resistant Ceramic Coating			+ 3,500
	Electromagnetic Gun Initiative			+ 1,000
	Compressor Blades Wear-Resistant Ceramic Coating			+ 3,000
34	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY ...	203,126	263,326	+ 60,200
	CAV Technology Transition			+ 5,000
	Advanced Power Trains and Intelligent Control Systems for M-Gators			+ 2,100
	Rotary, Multi-Fuel, Auxiliary Power Unit [RMF-FPU]			+ 3,000
	Fuel Cell Ground Support Equipment Demonstration			+ 6,100
	IMPACT—Concept Modeling Tool Suite Development/Sensitivity Analysis for Military Trucks [CMTSD/SAMT]			+ 1,000
	Advanced Army Modular Composite Bridge			+ 8,000
	Next Generation Non-Tactical Vehicle Propulsion			+ 3,500
	Electrochromic Material Windows			+ 4,000
	Armored Composite Cab Development Program			+ 5,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Military Vehicle Technologies			+ 4,000
	Army Lightweight Structures Initiative (ALSI)			+ 4,000
	Innovative Materials for Infrastructure Security			+ 3,000
	Digital Humans and Virtual Reality			+ 1,000
	Tactical Vehicle Design Tools			+ 2,000
	N-STEP Enabled Manufacturing Cell for FCS			+ 5,000
	Advanced Thermal Management Controls			+ 3,500
	Fastening and Joining Research			+ 2,000
	Pacific Rim Corrosion Research Program			+ 2,000
	Modular logistics transport technology			+ 1,000
	Future Tactical Truck			- 5,000
36	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	7,288	8,788	+ 1,500
	Battle Command Team Training (BCTT) Program			+ 1,500
37	ELECTRONIC WARFARE ADVANCED TECHNOLOGY	41,760	68,760	+ 27,000
	Applied Communications and Information Networking (ACIN)			+ 12,000
	Rapid Optimization of Commercial Knowledge			+ 5,000
	Networking Environment for Command, Control and Communications			+ 8,000
	Portable and Mobile Emergency Broadband Systems			+ 2,000
39	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	18,072	30,072	+ 12,000
	Institute for Creative Technologies—joint fires and effects training system			+ 5,000
	CAVE Automatic Virtual Environment			+ 7,000
41	EXPLOSIVE DEMILITARIZATION TECHNOLOGY	9,706	21,106	+ 11,400
	Missile Recycling			+ 2,000
	Munitions demilitarization			+ 2,000
	Sierra Army Depot Cryofracture/Plasma Arc Demilitarization Program			+ 5,000
	Thin Layer Chromatography			+ 2,400
43	COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT FOR	3,383	9,583	+ 6,200
	Advanced Mobile Micro Grid Program			+ 6,200
45	EW TECHNOLOGY	9,382	16,382	+ 7,000
	Ground Combat Vehicle Laser Warning			+ 2,000
	Shortstop Electronic Protection System			+ 5,000
46	MISSILE AND ROCKET ADVANCED TECHNOLOGY	92,800	118,300	+ 25,500
	Long Range Aviation Missile (LRAM)			+ 2,000
	Warfighter Protection and Homeland Security Lab			+ 5,000
	Missile Simulation Technology			+ 11,000
	Close-in Active Protection Systems (CIAPS)			+ 7,500
48	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	25,577	32,577	+ 7,000
	Light-Weight Rapidly Deployable Modular Hardened Shelters			+ 5,000
	EDIT Advanced Landmine Detection			+ 2,000
49	JOINT SERVICE SMALL ARMS PROGRAM	5,968	11,868	+ 5,900
	Advanced Demining Technology			+ 5,900
51	NIGHT VISION ADVANCED TECHNOLOGY	50,071	88,371	+ 38,300
	Warfighter/Firefighter Position, Location, and Tracking (PLT) Sensor			+ 4,000
	Cost Effective Targeting System (CETS)			+ 4,800
	Advanced Passive Millimeter Wave Imager			+ 6,000
	Buster backpack small UAV			+ 12,500
	Soldier Mobility and Rifle Targeting System (SMaRTS)			+ 1,000
	IED locating low-cost, long-endurance UAVs			+ 5,000
	Night Vision Fusion Research and Development			+ 5,000
53	MILITARY ENGINEERING ADVANCED TECHNOLOGY	3,865	27,065	+ 23,200
	Ramgen/Fuel Cell Hybrid System			+ 5,000
	U.S. Army Advanced Structures and Composites in Construction research			+ 5,000
	Solid Oxide Fuel Cell (SOFC) Development for Defense Applications			+ 5,000
	Battlefield Production of Hydrogen for Fuel Cell Vehicles			+ 1,000
	Advanced Mobile Microgrid Program			+ 6,200

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Defense Applications for Thermo-Electric Power Generation Devices			+ 1,000
55	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	53,509	116,909	+ 63,400
	Nanoscience Initiative			+ 4,000
	NGPS—Next Generation Passive sensors			+ 3,000
	P3 Power Systems			+ 3,000
	Low Cost Avionics			+ 1,000
	Vertical Integration for Missile Surveillance data			+ 1,000
	Advanced Strap-Down Seeker [ASDS]			+ 4,900
	Carbon Foam, Missile Defense Agency			+ 3,500
	Modelling and Simulation Activities			+ 3,000
	Mobile Tactical High Energy Laser [MTHL]			+ 15,000
	Anti-Stealth Research—Passive Surveillance System			+ 2,000
	Integrated Composite Airframe Structure Program			+ 5,000
	Eagle Eyes Nuclear Detection Program			+ 1,000
	Next Generation Hardware-in-the-loop [HWIL] Tool [NGHT]			+ 15,000
	Global Infrasound Monitoring of the Atmosphere			+ 2,000
56	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION [DEM/VAL]	4,871	35,971	+ 31,100
	Low Cost Interceptor [LCI]			+ 15,000
	Radar Power Technology Research Program			+ 1,000
	Telecommunication upgrades at Kodiak Launch Complex			+ 9,300
	Kodiak Range upgrades—KLC safety upgrades			+ 5,800
57	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	91,713	122,713	+ 31,000
	Geospatial Information Decision Support			+ 2,000
	E-STRIKE Technology Enhancement for the Maneuver Air Defense Capability			+ 10,000
	Air, Space and Missile Defense System of Systems Hardware-in-the-loop			+ 4,000
	AMD Architecture Analysis [A3] Program			+ 6,000
	SituSpace Single Integrated Space Picture			+ 9,000
58	LANDMINE WARFARE AND BARRIER—ADV DEV	11,634	18,634	+ 7,000
	MVMNT Program for Simulation Based Operation			+ 7,000
59	SMOKE, OBSCURANT AND TARGET DEFEATING SYS—ADV DEV	6,249	11,249	+ 5,000
	Advanced Laser Electric Program			+ 1,000
	Thermo-Acoustic Piezo Energy Conversion			+ 1,000
	Standoff Hazardous Agent Detection and Evaluation System Research			+ 3,000
60	TANK AND MEDIUM CALIBER AMMUNITION	39,697	9,697	− 30,000
	MRM			− 30,000
65	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	14,047	19,047	+ 5,000
	Night Vision Systems Advanced Development (FIRRE)			+ 5,000
66	ENVIRONMENTAL QUALITY TECHNOLOGY DEM/VAL	9,356	24,356	+ 15,000
	Casting Emission Reduction Program [CERP]			+ 3,500
	Waste Minimization and Pollution Prevention			+ 1,000
	Vanadium Technology Program			+ 3,000
	Wellhead Treatment of Perchlorate Contaminated Wells			+ 5,000
	Environmental Management System Pilot in the Defense Department			+ 2,500
69	AVIATION—ADV DEV	12,113	18,613	+ 6,500
	Virtual Cockpit Optimization Program [VCOP]			+ 5,500
	Rapid Response Chem-Bio Decon, Liquid and Dry (Decon Green)			+ 1,000
71	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	10,485	16,485	+ 6,000
	Mobile Parts Hospital			+ 6,000
73	MEDICAL SYSTEMS—ADV DEV	10,258	22,758	+ 12,500
	Future Medical Shelter System			+ 7,500
	Combat Medical Material—Advanced Development			+ 5,000
78	AIRCRAFT AVIONICS	68,857	80,827	+ 11,970
	Transfer from line 199, RDDW			+ 11,970
79	ARMED, DEPLOYABLE OH-58D	20,000	15,000	− 5,000
	Lack of justification			− 5,000
86	INFANTRY SUPPORT WEAPONS	28,187	38,187	+ 10,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	XM312 .50 caliber Advanced Crew Served Weapon			+ 10,000
87	MEDIUM TACTICAL VEHICLES	2,854	5,854	+ 3,000
	FMTV Weight/Cost Reduction Initiative			+ 3,000
90	FAMILY OF HEAVY TACTICAL VEHICLES	2,479	27,479	+ 25,000
	HEMTT A3 SDD			+ 10,000
	Heavy Equipment Transport System [HETS] recap program			+ 3,000
	Palletized Load System [PLS] recap program			+ 2,000
	21st Century Truck and Future Tactical Truck System			+ 10,000
93	LIGHT TACTICAL WHEELED VEHICLES		10,000	+ 10,000
	HMMWV Block Improvement Program			+ 10,000
94	ARMORED SYSTEMS MODERNIZATION [ASM]—ENG. DEV	2,700,455	2,127,018	− 573,437
	Transfer to line 94A			− 79,500
	Excess management reserve			− 150,000
	Transfer to line 95			− 343,937
94A	NON LINE OF SIGHT LAUNCH SYSTEMS		64,500	+ 64,500
	Transfer from line 94			+ 79,500
	LAM			− 15,000
95	NON LINE OF SIGHT CANNON	497,643	841,580	+ 343,937
	Transfer from line 94			+ 343,937
105	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	4,713	7,213	+ 2,500
	Integrated Family of Test Equipment—Base Shop Test			+ 2,500
108	BRILLIANT ANTI-ARMOR SUBMUNITION [BAT]	21	2,521	+ 2,500
	Viper Strike			+ 2,500
113	AVIATION—ENG DEV	2,378	3,378	+ 1,000
	Advanced Ballistic Protection			+ 1,000
114	WEAPONS AND MUNITIONS—ENG DEV	125,885	149,885	+ 24,000
	Distributed Aperture Semi Active Laser Seeker [DASALS] ..			+ 5,000
	Common Remotely-Operated Weapons Station [CROWS] ..			+ 5,000
	Precision Guided Mortar Munition [PGMM]			+ 10,000
	Mortar Anti-Personnel-Anti-Material [MAPAM]			+ 4,000
115	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	89,151	96,151	+ 7,000
	Rapidly Installed Fuel Transfer System [RIFTS]			+ 7,000
116	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV ..	219,790	227,790	+ 8,000
	Standoff Sensor for Radionuclide ID [SSRID]			+ 8,000
117	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPM	11,727	15,727	+ 4,000
	Chitosan bandage component			+ 2,500
	Smisson Cartledge Infuser			+ 1,500
120	COMBAT IDENTIFICATION	6,994	14,994	+ 8,000
	Integrated Battlefield Combat Situational Awareness			+ 8,000
124	FIREFINDER	18,516	24,516	+ 6,000
	AN/TPQ 47 Phoenix			+ 6,000
125	ARTILLERY SYSTEMS—EMD	9,550	12,550	+ 3,000
	Paladin/Excaliber Integration			+ 3,000
128	THREAT SIMULATOR DEVELOPMENT	22,101	31,701	+ 9,600
	RF/SAM Threat Simulator Program			+ 9,600
131	RAND ARROYO CENTER	20,012	24,012	+ 4,000
	RAND Arroyo Center			+ 4,000
133	CONCEPTS EXPERIMENTATION	22,727	24,727	+ 2,000
	Technology Management and Collaboration Initiative (TMCi)			+ 2,000
135	ARMY TEST RANGES AND FACILITIES	181,114	201,114	+ 20,000
	Cold Regions Test Center—hybrid electric infrastruc- ture			+ 10,000
	Big Crow Program Office [BCPO]			+ 10,000
136	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	52,433	61,933	+ 9,500
	Chemical-Biological Defense Material Test and Evaluation Initiative			+ 1,500
	Advanced Digital Radar System [ADRS]			+ 3,000
	White Sands Missile Range Film Elimination			+ 5,000
137	SURVIVABILITY/LETHALITY ANALYSIS	44,648	50,648	+ 6,000
	Decision Related Structures			+ 6,000
147	TECHNICAL INFORMATION ACTIVITIES	27,713	30,713	+ 3,000
	Army High Performance Computing Research			+ 3,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
148	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	14,611	36,111	+ 21,500
	Nanotechnology Technologies for Defense Applications			+ 2,000
	Excaliber Life Cycle Improvements			+ 5,000
	Omega 60 Battle Effects Simulator			+ 500
	Advanced Cluster Energetics [ACE] Manufacturing Technology			+ 3,000
	Micro Electrical Mechanical Systems [MEMS] Technology Applications			+ 1,000
	Aluminum Matrix Composite Technology Partnership—Munitions			+ 5,000
	Mid Range Munition [MRM] Life Cycle Improvements			+ 5,000
154	DOMESTIC PREPAREDNESS AGAINST WEAPONS OF MASS DESTRUCTION		5,000	+ 5,000
	Chemical-Biological Casualty Treatment			+ 5,000
157	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAM	242,853	222,853	- 20,000
	IMD-HUMS, UH-60L Army Demonstration			+ 30,000
	Contract award delay			- 50,000
158	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	2,427	12,427	+ 10,000
	FADEC for Kiowa Warrior & Mission Enhanced Little Bird [MELB]			+ 10,000
171	SECURITY AND INTELLIGENCE ACTIVITIES		4,000	+ 4,000
	Document Exploitation			+ 4,000
172	INFORMATION SYSTEMS SECURITY PROGRAM	24,725	30,725	+ 6,000
	Biometrics—testing of technology			+ 6,000
177	TACTICAL UNMANNED AERIAL VEHICLES	45,627	55,127	+ 9,500
	Small Platform Modern Signal Communications Intelligence [COMINT]			+ 9,500
178	AIRBORNE RECONNAISSANCE ADV DEVELOPMENT	5,128	11,328	+ 6,200
	Hyperspectral Longwave Imager for the Tactical Environment [HYLITE]			+ 6,200
179	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS (JMIP)	43,254	50,254	+ 7,000
	Intelligence Data Exchange for Execution and Planning [I-DEEP] DCGS			+ 7,000
181	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	67,236	86,836	+ 19,600
	Manufacturing Metrology for Weapon Sys Production & Sustainment			+ 1,600
	Free Form Low Cost Fabrication using titanium			+ 2,000
	Laser System Development for Turbine Engine Applications			+ 3,000
	Virtual Parts			+ 3,000
	Laser Engineered Net Shaping [LENS] Manufacturing Qualification			+ 2,500
	Manufacturing Systems Demonstration			+ 2,500
	Packaging and Interconnection Technology			+ 5,000

Titanium Extraction, Mining, and Process Engineering Research [TEMPER] Initiative.—The Committee is aware of technologies which will identify and develop new extraction and mining technologies that will significantly reduce the cost of titanium, reduce the reliance on foreign titanium ore and build the lowest cost processing stream for titanium components. The fiscal year 2004 program has demonstrated the feasibility of using Montana ore and through the technology resources of various industry partners, a target low-cost extraction process has been identified. Additional funds in fiscal year 2005 will extend the existing technology consortium and ensure the success of the program. This academic/industry consortium will demonstrate the lowest cost processing stream that uses domestic ores, a new extraction process and melting and non-melting technologies to produce material. This approach will benchmark a new “Titanium Mini-mill” concept, thus establishing a new industry standard in the titanium community. This is an ini-

tiative that will directly benefit the U.S. Army and will be validated on weapon systems under development by U.S. Army ARDEC. The Committee encourages the Department of the Army to continue this program within funds available in the research and development account.

MARIAH II.—The Committee notes that hypersonic ground test capability is necessary to launch the next generation of air-breathing hypersonic systems such as missiles, reusable space vehicles and global reach aircraft. To date, the MARIAH II program has been developing the key enabling technologies required for a MACH 8 to 15, one second run time large-scale hypersonic wind tunnel. These technologies include ultra-high pressure, electronic beam energy addition and magneto hydrodynamics [MHD] acceleration technology. The Committee has provided \$15,000,000 in PE 0602303A to continue this development.

In fiscal year 2004, Congress directed the transfer of MARIAH II from the Air Force, which had failed to include MARIAH II in its budget requests, to the Army Aviation and Missile Command. The Army identified a near-term need for hypersonic ground test capability to support several advanced missile development programs. The Army program calls for a MACH 10, one second run time wind tunnel to be operational within 5 years. The Committee believes the MARIAH II program to be of vital interest to national security and America's continued leadership in aerospace. The Committee directs the Secretary of the Army, in conjunction with the Director of Defense Research and Engineering to submit a report to the congressional defense committees by March 3, 2005, which lays out a plan to fund MARIAH II in the Future Years' Defense Program so that operational capability may be achieved by fiscal year 2009.

Army Aviation Collaborative Engineering and Integration Testbed.—The Committee supports the Army's decision to terminate the Comanche helicopter program. However, the Committee notes that with the cancellation of Comanche, the Army is left with significant technologies and developed components that should be utilized to benefit existing aviation systems. For example, Comanche sensors [EOSS], Integrated Communication Navigation Identification Avionics, Comanche Portable Cockpit, revolutionary flight controls and helmet mounted display technology, all slated for the Comanche program should continue to be evaluated.

In an effort to capitalize on technologies such as these, and to insure that Army aviation remains at the forefront of technological advancement, the Committee encourages the Army to develop an Aviation Collaborative Engineering and Integration Testbed. The goal of such an effort should be to provide a critical link between the Government-managed Aviation Research Development and Engineering Center [RDEC] at Redstone Arsenal and the Original Equipment Manufacturer [OEM] technical experts and provide a badly-needed environment in which to evaluate the transfer of Comanche-developed components and other advanced technologies to Army aviation systems in direct support of emerging and future war fighter needs.

A further goal of this initiative should be to facilitate the transfer of Comanche program and other emerging aviation systems

technologies to a broader Rapid Equipment and Fielding Facility [REFF] co-located with the PEO Aviation, PEO Tactical Missiles, and Aviation and Missile Command, leveraging several existing integration facilities, laboratories, and engineering centers. This concept represents an open architecture, airframe independent, system integration testbed that will connect avionics, sensors, weapons, airframe and test assets into an integrated design and performance assessment tool. The Committee directs the Secretary of the Army to submit a report to the congressional defense committees by January 3, 2005 which provides a basic framework to move forward with this initiative.

Land Warrior/Objective Force Warrior.—The Committee notes with great concern that the Land Warrior program has been in existence for over 10 years and to date, has not been fielded.

The Committee notes with great encouragement, however, that with the transfer of this program to PEO Soldier, the Army has dedicated the necessary resources and attention to this technology in the past year to make a much more realistic program which uses soldiers as its main focus.

The Committee remains concerned that the Land Warrior and the Future Force Warrior are becoming two programs on separate paths, never to cross with the soldier, those who are the intended recipient of their technological advances. Therefore, the Committee directs the Army to submit to the congressional defense committees a plan to consolidate both programs into a single program, benefiting from the efficiencies of each. The Committee also recommends a reduction to the Future Force Warrior program of \$15,000,000 as a result of anticipated efficiencies gained through consolidation of these two programs. The consolidated program should take on the focus of the Army's Future Combat System and provide the Army with a FCS dismounted capability on the individual soldier.

Further, the Committee understands that it is possible to field a dismounted capability immediately to the Stryker Brigades currently deployed in combat. Therefore, the Committee recommends that the Land Warrior program re-focus its procurement strategy to incorporate these emerging capabilities, such as the Commanders Digital Assistant [CDA] and hand-held EPLRS capabilities, into the Stryker brigades immediately.

Fibrinogen Bandages Using Non-mammalian Clotting Proteins.—The Committee is encouraged by recent developments in medical technologies using clotting proteins in blood to develop bandages. These modern bandages appear to have shown promise in traumatic injuries. Further, the Committee recommends that the Army consider the use of non-mammalian proteins as an additional source of protein in the manufacture of Fibrinogen bandages.

Malaria Research and Vaccine Development.—The Committee notes that Department of Defense research has led some of the most promising malaria research and vaccine development efforts in the world. The Committee encourages the Army and Navy to find alternative means to fund administrative costs so that contributions from the Malaria Vaccine Initiative can all be directed to research and development programs. In an effort to boost the Military Infectious Disease Research Program, the Committee pro-

vides an additional \$10,000,000 for malaria research and vaccine development. The Committee directs that these funds be used for the malaria research and vaccine development efforts led by the Walter Reed Army Institute of Research [WRAIR] and the Naval Medical Research Center [NMRC]. The Committee further encourages the Department of Defense and the Department of the Army to provide funding through NMRC for Plasmodium Falciparum irradiated sporozoite malaria vaccine development, since this research has the potential to yield results quickly.

NAD Synthetase Inhibitors.—The Committee is aware of the work being done by the Department of the Army in the area of force health protection, specifically the development of novel pharmaceuticals that hold excellent promise for the prophylactic and/or therapeutic control of anthrax by employing NAD synthetase inhibitors. This important research should also reduce the side effects associated with current treatments. The Committee understands the concern over the prevention and treatment of malaria and other tropical diseases, especially leishmania. The Committee encourages the Department to evaluate whether antimicrobial medical peptides [AMPs] are suitable candidates for further clinical development.

Army Missile and Space Technology Initiative.—The Committee is concerned about the lack of Applied Research investments in support of the Army's ballistic defense systems. Today, the Ballistic Missile Defense [BMD] technology development budget has no Applied Research funds and its Advanced Technology Research funding accounts for only a portion of the overall Missile Defense Agency [MDA] budget with the vast majority of funds being dedicated to acquiring and fielding near term systems. This lack of funding for Applied Research by MDA and the U.S. Army leaves a gap in critical technology development for addressing the advancing threat. To compound the problem, the speeds and distances involved in intercepting a ballistic missile mean that the technologies needed to advance our Nation's missile defense capability are highly unique to the missile defense mission and cannot necessarily leverage other basic and applied research in the Services. Therefore, the Committee notes that there is an urgent need for a coherent, focused applied research program in the U.S. Army for BMD research, specifically dedicated to our Nation's Ballistic Missile Defense System.

Armored Systems Modernization.—The President's fiscal year 2005 budget submission contains \$2,700,455,000 for Armored Systems Modernization and an additional \$497,643,000 for the Non-line of Sight Cannon [NLOS-C]. These two budget lines make up the entire Future Combat System funding in the Army.

The Committee recognizes that the Future Combat System represents the single greatest modernization program in the Army's budget. This development program has seen an evolution since its announcement, and the Committee supports the Army's efforts to ensure that this weapon system is the most modern, most effective weapon system in the Army inventory. The Committee recognizes that the development of the Future Combat System, along with Modularity, is an opportunity to modernize the way the United States Army conducts land warfare in the future.

In accordance with the discussions held between the Army and this Committee, and in an effort to provide a greater detailed level of oversight, the Committee directs that the funds made available within Program Element 0604645A, Armored Systems Modernization, be allocated within the following projects:

[In millions of dollars]

	Amount
SoS Engineering & Program Management	364.0
FoS Analysis & Integration	255.0
Command and Control (Network Software)	218.0
Systems Integration Platforms Management	
SoS Test & Evaluation	25.4
Logistics Support & Training	151.8
UAV Recon and Sensors	77.1
Unmanned Ground Vehicles	70.5
Government Costs	453.3
Contract Costs	453.3
Manned Ground Vehicles	189.3
Unattended Ground Sensors	19.4
TOTAL PE 0604645A	2,277.1
NLOS-C	841.5
NLOS-LS	79.5
TOTAL PEs 0604646A/0604647A	921.0
TOTAL FCS	3,198.1

As part of the Future Combat System, the Committee recommends the creation of a new program element, 0604646A, Non Line of Sight—Launch Systems, and recommends the transfer of \$79,500,000 from program element 0604545A to establish this line. Additionally, the Committee recommends the transfer of \$343,937,000 to the Non Line-of-Sight Cannon and Resupply Vehicle [NLOS-C], for a total of \$841,580,000, as per the amended justification materials submitted to the Committee. The Committee believes that these individual projects will provide the transparency necessary for Congress to perform its oversight role. In addition, the Committee directs that each project within the Armored Systems Modernization line be designated as a special interest item subject to prior approval reprogramming procedures as described elsewhere in this report.

Electronics Commodity Project.—The Committee was informed by the Department of Defense that \$1,000,000 was included in the fiscal year 2005 President's budget request for the Electronic Commodity Project, in line 127 of the Army research and development account. The Committee is pleased that the project was included in the budget and directs the Department to use the funding to continue this effort.

Land Mine Alternatives.—The Committee supports the non-self-destruct landmine alternatives and the Intelligent Munitions System. The intent in initiating these programs was to develop technologies to replace anti-personnel landmines that cannot distinguish between an innocent civilian and an enemy combatant. For this reason, the Committee believes it is essential that these systems be designed to utilize a man-in-the-loop, discriminating capa-

bility. The Committee directs the Secretary of the Army to submit a report by January 3, 2005 describing its plans for incorporating this technology.

SCANJACK Mine Clearing System.—The Committee understands the U.S. Army has a requirement for area mine clearance sets, and that it is evaluating various systems. The Committee urges the Army to acquire at least one commercial-off-the-shelf [COTS] SCANJACK Mine Clearing System that can be used for test and evaluation and, if required, for deployment in a military or humanitarian contingency.

Enterprise Resource Planning for Army Combat Logistics.—Army logistics systems arm, fuel, repair, move, and sustain combat forces. The Army's goals for modernization of its legacy logistics systems include improved sustainment of combat forces using fewer soldiers, increased readiness and operational availability, while significantly lowering cost. Enterprise resource planning systems provide essential information for timely decision-making and accurate performance-measurement. They use no custom software code and only commercial off-the-shelf computer technology. They are web-based with a robust telecommunications infrastructure, and have been tested at thousands of sites outside the Army. The Committee encourages the Army to use funds within the Global Combat Support System [GCSS] account to complete the blueprinting and accelerate fielding of the system by up to 2 years, replacing 20 year old systems which question their ability to support combat operations.

Skid-steer Loaders.—The Committee understands that operational experience in Iraq and Afghanistan has demonstrated that skid-steer loaders add significantly to the survivability, mobility, and productivity of Army combat engineers. The Committee encourages the Army to pursue the acquisition of additional skid-steer loaders for engineering units supporting operations in Iraq and Afghanistan.

Small Mobile Weapons Systems For Force Protection.—The United States Army is being transformed to a lighter and more lethal force. This transformation leads to a more dispersed force with fewer soldiers armed with highly sophisticated assets under their direct control. Unmanned Aerial Vehicles have already shown great advantage as an extension of the soldier for Reconnaissance, Surveillance & Target Acquisition missions. Small Mobile Weapons Systems are now becoming available to provide a critical multiplier of the firepower of the transformed force. Additional resources for this effort will enable the development and implementation of the already field tested first generation designs. The Small Mobile Weapons Systems program will focus on weight reduction, ruggedization, improved survivability and cost reduction. The Committee encourages the Army to use funds within its fiscal year 2005 research and development funding to pursue this technology.

Micro Liquid Crystal Displays.—The Committee understands that a broad range of military programs now utilize the next generation of enhanced micro-image displays that provide wide field displays, reduced power, and enhanced resolution and brightness. The Committee encourages the Department of the Army to use

funds within its fiscal year 2005 research and development funding to pursue enhanced micro-image displays.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Appropriations, 2004 \$15,146,383,000
 Budget estimate, 2005 16,346,391,000
 Committee recommendation 16,748,035,000

The Committee recommends an appropriation of \$16,748,035,000. This is \$401,644,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

(In thousands of dollars)

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY			
	BASIC RESEARCH:			
1	UNIVERSITY RESEARCH INITIATIVES	83,508	87,008	+ 3,500
2	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	17,664	20,164	+ 2,500
3	DEFENSE RESEARCH SCIENCES	375,812	380,312	+ 4,500
	TOTAL, BASIC RESEARCH	476,984	487,484	+ 10,500
	APPLIED RESEARCH:			
4	POWER PROJECTION APPLIED RESEARCH	98,831	127,831	+ 29,000
5	FORCE PROTECTION APPLIED RESEARCH	96,269	150,269	+ 54,000
6	MARINE CORPS LANDING FORCE TECHNOLOGY	35,398	36,898	+ 1,500
10	COMMON PICTURE APPLIED RESEARCH	60,134	97,634	+ 37,500
11	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	63,726	112,526	+ 48,800
12	RF SYSTEMS APPLIED RESEARCH	49,151	65,151	+ 16,000
13	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH ..	48,482	55,482	+ 7,000
14	UNDERSEA WARFARE APPLIED RESEARCH	64,060	84,060	+ 20,000
15	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	48,016	48,016	.....
	TOTAL, APPLIED RESEARCH	564,067	777,867	+ 213,800
	ADVANCED TECHNOLOGY DEVELOPMENT:			
16	POWER PROJECTION ADVANCED TECHNOLOGY	92,359	125,359	+ 33,000
17	FORCE PROTECTION ADVANCED TECHNOLOGY	82,130	135,480	+ 53,350
18	COMMON PICTURE ADVANCED TECHNOLOGY	79,521	83,521	+ 4,000
19	WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY	61,103	91,103	+ 30,000
20	RF SYSTEMS ADVANCED TECHNOLOGY	44,046	63,046	+ 19,000
21	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	58,222	79,222	+ 21,000
23	NAVY TECHNICAL INFORMATION PRESENTATION SYSTEM ...	167,626	167,626	.....
24	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	16,719	29,319	+ 12,600
25	UNDERSEA WARFARE ADVANCED TECHNOLOGY	26,515	33,015	+ 6,500
26	JOINT WARFARE EXPERIMENTS	26	26	.....
27	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	16,006	16,006	.....
28	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	32,899	32,899	.....
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	677,172	856,622	+ 179,450
	DEMONSTRATION & VALIDATION:			
30	AIR/OCEAN TACTICAL APPLICATIONS	24,431	24,431	.....
31	AVIATION SURVIVABILITY	10,820	31,820	+ 21,000
32	DEPLOYABLE JOINT COMMAND AND CONTROL	42,394	42,394	.....
33	ASW SYSTEMS DEVELOPMENT	4,541	15,541	+ 11,000

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
34	TACTICAL AIRBORNE RECONNAISSANCE	6,448	6,448	.....
35	ADVANCED COMBAT SYSTEMS TECHNOLOGY	67,605	67,605	.....
36	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	103,308	94,841	- 8,467
37	SURFACE SHIP TORPEDO DEFENSE	46,896	50,896	+ 4,000
38	CARRIER SYSTEMS DEVELOPMENT	157,479	162,479	+ 5,000
39	SHIPBOARD SYSTEM COMPONENT DEVELOPMENT	18,993	41,993	+ 23,000
40	PILOT FISH	78,223	78,223	.....
41	RETRACT LARCH	82,532	82,532	.....
42	RETRACT JUNIPER	36,915	36,915	.....
43	RADIOLOGICAL CONTROL	946	946	.....
44	SURFACE ASW	17,633	21,433	+ 3,800
45	SSGN CONVERSION	19,970	19,970	.....
46	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	81,160	93,160	+ 12,000
47	SUBMARINE TACTICAL WARFARE SYSTEMS	5,957	5,957	.....
48	SHIP CONCEPT ADVANCED DESIGN	3,723	21,723	+ 18,000
50	ADVANCED NUCLEAR POWER SYSTEMS	169,733	169,733	.....
52	CHALK EAGLE	47,786	47,786	.....
53	LITTORAL COMBAT SHIP (LCS)	352,089	352,089	.....
54	COMBAT SYSTEM INTEGRATION	80,840	112,540	+ 31,700
55	CONVENTIONAL MUNITIONS	34,151	34,151	.....
56	MARINE CORPS ASSAULT VEHICLES	236,969	249,969	+ 13,000
57	MARINE CORPS MINE/COUNTERMEASURES SYSTEMS—ADV DEV	4,522	4,522	.....
58	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	22,440	39,140	+ 16,700
59	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	18,047	18,047	.....
60	COOPERATIVE ENGAGEMENT	103,452	103,452	.....
61	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	26,232	26,232	.....
62	ENVIRONMENTAL PROTECTION	24,641	27,641	+ 3,000
63	NAVY ENERGY PROGRAM	1,494	9,494	+ 8,000
64	FACILITIES IMPROVEMENT	1,621	7,621	+ 6,000
65	CHALK CORAL	58,467	58,467	.....
66	NAVY LOGISTIC PRODUCTIVITY	7,421	7,421	.....
67	RETRACT MAPLE	275,407	275,407	.....
68	LINK PLUMERIA	112,997	112,997	.....
69	RETRACT ELM	48,130	48,130	.....
70	SHIP SELF DEFENSE (DEM/VAL)	9,493	9,493	.....
71	LINK EVERGREEN	63,346	63,346	.....
72	SPECIAL PROCESSES	44,232	44,232	.....
73	NATO RESEARCH AND DEVELOPMENT	10,151	10,151	.....
74	LAND ATTACK TECHNOLOGY	82,049	73,386	- 8,663
75	NONLETHAL WEAPONS (DEM/VAL)	43,321	43,321	.....
76	ALL SERVICE COMBAT IDENTIFICATION EVALUATION TEAM	13,626	13,626	.....
77	JOINT PRECISION APPROACH AND LANDING SYSTEMS (DEM/VAL)	32,391	32,391	.....
78	SINGLE INTEGRATED AIR PICTURE (SIAP) SYSTEM ENGINEER	20,252	20,252	.....
79	COUNTERDRUG RDT&E PROJECTS .....	.....	3,000	+ 3,000
80	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TAD) .....	.....	7,000	+ 7,000
81	SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING	25,943	25,943	.....
82	JOINT WARFARE TRANSFORMATION PROGRAMS	22,450	22,450	.....
	TOTAL, DEMONSTRATION & VALIDATION	2,803,667	2,972,737	+ 169,070
	ENGINEERING & MANUFACTURING DEVELOPMENT:			
83	OTHER HELO DEVELOPMENT	186,970	186,970	.....
84	AV-8B AIRCRAFT—ENG DEV	12,284	12,284	.....
85	STANDARDS DEVELOPMENT	57,675	57,675	.....
86	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	78,757	78,757	.....
88	AIR/OCEAN EQUIPMENT ENGINEERING	4,506	4,506	.....
89	P-3 MODERNIZATION PROGRAM	9,554	10,554	+ 1,000

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
90	WARFARE SUPPORT SYSTEM	5,201	5,201	.....
91	TACTICAL COMMAND SYSTEM	49,180	49,180	.....
92	E-2C RADAR MODERNIZATION	597,015	597,015	.....
93	H-1 UPGRADES	90,389	132,389	+ 42,000
94	ACOUSTIC SEARCH SENSORS	13,363	13,363	.....
95	V-22A	304,164	297,164	- 7,000
96	AIR CREW SYSTEMS DEVELOPMENT	8,838	12,838	+ 4,000
97	EA-18	357,502	357,502	.....
98	EW DEVELOPMENT	48,956	51,456	+ 2,500
99	VHXX EXECUTIVE HELO DEVELOPMENT	777,398	557,398	- 220,000
100	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS—NAVY)	78,624	78,624	.....
101	SC-21 TOTAL SHIP SYSTEM ENGINEERING	1,431,585	1,210,469	- 221,116
102	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	146,463	146,463	.....
103	LPD-17 CLASS SYSTEMS INTEGRATION	8,988	8,988	.....
104	TRI-SERVICE STANDOFF ATTACK MISSILE	27,047	27,047	.....
105	SMALL DIAMETER BOMB (SDB)	9,961	9,961	.....
106	STANDARD MISSILE IMPROVEMENTS	99,022	112,022	+ 13,000
107	AIRBORNE MCM	50,514	50,514	.....
108	SSN-688 AND TRIDENT MODERNIZATION	75,359	84,959	+ 9,600
109	AIR CONTROL	13,102	20,102	+ 7,000
110	ENHANCED MODULAR SIGNAL PROCESSOR	1,075	1,075	.....
111	SHIPBOARD AVIATION SYSTEMS	28,631	30,131	+ 1,500
112	COMBAT INFORMATION CENTER CONVERSION	8,228	8,228	.....
113	NEW DESIGN SSN	143,270	208,370	+ 65,100
114	SSN-21 DEVELOPMENTS	3,020	3,020	.....
115	SUBMARINE TACTICAL WARFARE SYSTEM	43,404	49,404	+ 6,000
116	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	130,908	148,908	+ 18,000
117	NAVY TACTICAL COMPUTER RESOURCES	2,381	2,381	.....
118	MINE DEVELOPMENT	6,123	6,123	.....
120	LIGHTWEIGHT TORPEDO DEVELOPMENT	9,965	12,965	+ 3,000
122	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,081	8,081	.....
123	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	3,005	3,005	.....
125	BATTLE GROUP PASSIVE HORIZON EXTENSION SYSTEM	17,981	19,481	+ 1,500
126	JOINT STANDOFF WEAPON SYSTEMS	9,531	9,531	.....
127	SHIP SELF DEFENSE (DETECT & CONTROL)	48,154	68,154	+ 20,000
128	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	51,213	51,213	.....
129	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	28,233	36,233	+ 8,000
130	MEDICAL DEVELOPMENT	6,942	32,942	+ 26,000
131	NAVIGATION/ID SYSTEM	28,104	28,104	.....
132	DISTRIBUTED SURVEILLANCE SYSTEM	7,776	13,776	+ 6,000
133	JOINT STRIKE FIGHTER (JSF)—EMD	2,264,507	2,264,507	.....
134	SMART CARD	695	695	.....
135	INFORMATION TECHNOLOGY DEVELOPMENT	9,301	9,301	.....
136	INFORMATION TECHNOLOGY DEVELOPMENT	109,543	106,293	- 3,250
138	MULTI-MISSION MARITIME AIRCRAFT (MMA)	496,029	496,029	.....
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	8,008,517	7,791,351	- 217,166
	RDT&E MANAGEMENT SUPPORT:			
140	THREAT SIMULATOR DEVELOPMENT	23,866	23,866	.....
141	TARGET SYSTEMS DEVELOPMENT	35,677	35,677	.....
142	MAJOR T&E INVESTMENT	39,787	42,787	+ 3,000
143	STUDIES AND ANALYSIS SUPPORT—NAVY	2,183	2,183	.....
144	CENTER FOR NAVAL ANALYSES	43,982	43,982	.....
145	FLEET TACTICAL DEVELOPMENT	2,338	2,338	.....
147	TECHNICAL INFORMATION SERVICES	696	20,696	+ 20,000
148	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	31,407	31,407	.....
149	STRATEGIC TECHNICAL SUPPORT	3,493	3,493	.....
150	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	66,117	62,317	- 3,800
151	RDT&E INSTRUMENTATION MODERNIZATION	19,370	19,370	.....
152	RDT&E SHIP AND AIRCRAFT SUPPORT	81,308	81,308	.....
153	TEST AND EVALUATION SUPPORT	255,926	255,926	.....

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
154	OPERATIONAL TEST AND EVALUATION CAPABILITY	13,044	13,044	.....
155	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUP- PORT	2,941	2,941	.....
156	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	12,160	12,160	.....
157	MARINE CORPS PROGRAM WIDE SUPPORT	19,701	27,701	+ 8,000
	TOTAL, RDT&E MANAGEMENT SUPPORT	653,996	681,196	+ 27,200
	OPERATIONAL SYSTEMS DEVELOPMENT:			
161	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	108,782	107,782	- 1,000
162	SSBN SECURITY TECHNOLOGY PROGRAM	43,408	43,408	.....
163	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	8,453	8,453	.....
164	NAVY STRATEGIC COMMUNICATIONS	31,391	31,391	.....
165	RAPID TECHNOLOGY TRANSITION (RTT)	14,630	14,630	.....
166	F/A-18 SQUADRONS	134,580	136,580	+ 2,000
167	E-2 SQUADRONS	6,055	16,055	+ 10,000
168	FLEET TELECOMMUNICATIONS (TACTICAL)	19,784	21,284	+ 1,500
169	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	28,776	36,776	+ 8,000
170	INTEGRATED SURVEILLANCE SYSTEM	16,965	21,965	+ 5,000
171	AMPHIBIOUS TACTICAL SUPPORT UNITS	2,604	2,604	.....
172	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	21,644	21,644	.....
173	CRYPTOLOGIC DIRECT SUPPORT	1,460	1,460	.....
174	ELECTRONIC WARFARE (EW) READINESS SUPPORT	12,139	12,139	.....
175	HARM IMPROVEMENT	163,371	163,371	.....
176	TACTICAL DATA LINKS	18,977	18,977	.....
177	SURFACE ASW COMBAT SYSTEM INTEGRATION	10,612	13,612	+ 3,000
178	MK-48 ADCAP	21,620	21,620	.....
179	AVIATION IMPROVEMENTS	62,635	64,635	+ 2,000
180	NAVY SCIENCE ASSISTANCE PROGRAM	3,821	7,821	+ 4,000
181	OPERATIONAL NUCLEAR POWER SYSTEMS	64,554	64,554	.....
182	MARINE CORPS COMMUNICATIONS SYSTEMS	268,638	267,278	- 1,360
183	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	44,828	48,978	+ 4,150
184	MARINE CORPS COMBAT SERVICES SUPPORT	10,731	10,731	.....
185	TACTICAL AIM MISSILES	4,061	4,061	.....
186	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	9,085	9,085	.....
190	SATELLITE COMMUNICATIONS (SPACE)	573,092	473,092	- 100,000
191	INFORMATION SYSTEMS SECURITY PROGRAM	18,676	30,676	+ 12,000
193	COBRA JUDY	80,694	93,694	+ 13,000
194	NAVY METEOROLOGICAL AND OCEAN SENSORS—SPACE (METOC)	4,215	4,215	.....
195	JOINT C4ISR BATTLE CENTER (JBC)	43,569	43,569	.....
196	JOINT MILITARY INTELLIGENCE PROGRAMS	4,746	4,746	.....
197	TACTICAL UNMANNED AERIAL VEHICLES	53,439	83,439	+ 30,000
198	ENDURANCE UNMANNED AERIAL VEHICLES	113,438	113,438	.....
199	AIRBORNE RECONNAISSANCE SYSTEMS	10,191	14,191	+ 4,000
200	MANNED RECONNAISSANCE SYSTEMS	20,203	20,203	.....
201	DISTRIBUTED COMMON GROUND SYSTEMS	3,635	6,635	+ 3,000
203	AERIAL COMMON SENSOR (ACS) (JMIP)	24,909	24,909	.....
204	MODELING AND SIMULATION SUPPORT	7,262	24,762	+ 17,500
206	INDUSTRIAL PREPAREDNESS	56,565	58,565	+ 2,000
207	MARITIME TECHNOLOGY (MARITECH)	10,265	10,265	.....
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	2,158,503	2,177,293	+ 18,790
999	CLASSIFIED PROGRAMS	1,003,485	1,003,485	.....
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	16,346,391	16,748,035	+ 401,644

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	UNIVERSITY RESEARCH INITIATIVES	83,508	87,008	+ 3,500
	Nanoparticle Materials Research			+ 1,500
	Neural Engineering Research			+ 1,500
	Nanoscience Research			+ 3,000
	Remote Sensing Research			+ 1,000
	Multifunctional Materials for Naval Structures			+ 2,500
	University Research Instrumentation Program Growth			- 6,000
2	IN HOUSE Laboratory INDEPENDENT RESEARCH	17,664	20,164	+ 2,500
	Navy S&T outreach			+ 2,500
3	DEFENSE RESEARCH SCIENCES	375,812	380,312	+ 4,500
	Academy for Closing and Avoiding Achievement Gaps			+ 1,000
	UNOLS Research Vessel			+ 3,500
4	POWER PROJECTION APPLIED RESEARCH	98,831	127,831	+ 29,000
	Integrated Biological Warfare Technology Platform			+ 7,000
	Silver Fox Unmanned Aerial Vehicle (UAV)			+ 5,000
	Aircraft Carrier Surveillance System			+ 4,000
	Combustion Light Gas Gun			+ 5,000
	Thermal Management Systems for High Density Electronics			+ 8,000
5	FORCE PROTECTION APPLIED RESEARCH	96,269	150,269	+ 54,000
	ADPICAS			+ 1,500
	Structural Reliability of FRP Composites in Ship Assemblies			+ 1,000
	Hyperspectral Data Fusion			+ 4,000
	Unmanned Sea Surface Vehicles for Maritime Missions			+ 5,000
	Miniature Autonomous Vehicles (MAVs)			+ 3,000
	Integrated Fuel Processor—Fuel Cell System			+ 3,000
	Corrosion Modeling Software Project—NAVAIR			+ 6,000
	Low Cost, Rapid Prototype/Production Technology for Polymeric Aircraft Components Initiative			+ 4,500
	Small Watercraft Propulsion Demonstrator			+ 3,000
	Mark V Patrol Boat Replacement Craft Prototype			+ 3,000
	PMRF Force Protection Lab			+ 8,000
	Project Endeavor			+ 2,000
	Composites Development for Navy Low Rise Construction			+ 3,000
	Lithium Ion Joint Unmanned Combat Air System Battery			+ 3,000
	Theater Support Vessel Hull Material Development			+ 4,000
6	MARINE CORPS LANDING FORCE TECHNOLOGY	35,398	36,898	+ 1,500
	Advanced Lead Acid Battery Development for Military Vehicles			+ 1,500
10	COMMON PICTURE APPLIED RESEARCH	60,134	97,634	+ 37,500
	AIREP			+ 12,500
	Testing, Evaluation and Demonstration of Webster			+ 3,000
	M2C2			+ 7,000
	NAIF			+ 6,000
	Theater Undersea Warfare Initiative			+ 9,000
11	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	63,726	112,526	+ 48,800
	Biosensors for Defense Applications			+ 3,000
	Coating and Polymeric Films for Naval Applications			+ 1,400
	Agile Vaccinology Research			+ 4,000
	Micro-System Fuze/Safe and Arm Devices			+ 2,000
	Titanium Based Liquidmetal Alloy For Advanced Aerospace Applications			+ 2,000
	Titanium Matrix Composites			+ 1,900
	Rapid Detection and Response Systems for Biodefense			+ 3,000
	Optimizing Adaptive Warrior Performance			+ 3,000
	Advanced Materials and Intelligent Processing Center			+ 3,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Advanced Fouling and Corrosion Control			+ 8,000
	SensorNet			+ 15,000
	Rapid and Highly Sensitive Detector of Biowarfare Agents			+ 2,500
12	RF SYSTEMS APPLIED RESEARCH	49,151	65,151	+ 16,000
	Advanced Microwave Ferrite Research for RF Systems			+ 2,000
	Gallium Nitrate RF Power Technology			+ 4,000
	Pacific Theater Data Fusion Testbed			+ 3,000
	High Brightness Electronics			+ 2,000
	Maritime Synthetic Range			+ 5,000
13	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	48,482	55,482	+ 7,000
	Southeast Atlantic Coastal Ocean Observing System [SEACOOS]			+ 6,000
	Integrated Littoral Sensor Network			+ 1,000
14	UNDERSEA WARFARE APPLIED RESEARCH	64,060	84,060	+ 20,000
	Micro Electro Mechanical Systems—Inertial Measurement Units [MEMS-IMU]			+ 4,000
	Magnetostrictive Transduction Research			+ 5,000
	Micro-Detonics for Miniature Weapons			+ 4,000
	Acoustic Glider			+ 5,000
	High Powered Ultrasonics/Ship Waste Treatment			+ 2,000
16	POWER PROJECTION ADVANCED TECHNOLOGY	92,359	125,359	+ 33,000
	Advanced Lifting Body Research Program			+ 5,000
	Articulated Stable Ocean Platform			+ 1,000
	Quiet High Speed Propulsion			+ 6,000
	Free Electron Laser			+ 3,000
	Space Surveillance Technology			+ 5,000
	Advanced Electric Drives			+ 3,000
	High Speed Anti-Radiation Demonstration [HSAD]			+ 10,000
17	FORCE PROTECTION ADVANCED TECHNOLOGY	82,130	135,480	+ 53,350
	Agile Port and High Speed Ship Technology			+ 5,000
	High Temperature Superconductor [HTS] AC Synchronous Navy Propulsion Motor			+ 7,000
	Development of Wide Bandgap Semiconductor Materials			+ 6,000
	High Performance Sandwich Panel Construction			+ 4,000
	High Speed Permanent Magnet Generator			+ 10,000
	Large Unmanned Undersea Vehicle [LUUV] Test Bed			+ 2,500
	Copper-Ceramic Solid Oxide Fuel Cell Technology			+ 1,000
	Composite Twisted Rudder			+ 1,000
	Braided Reduced Recoil Rope for Hand and Mooring Lines			+ 1,500
	High-Speed Power Node Switching Center			+ 2,000
	Electromagnetic Propulsion Cost Reduction			+ 2,000
	Wave Power Demonstration Project			+ 4,000
	Varicraft			+ 7,350
18	COMMON PICTURE ADVANCED TECHNOLOGY	79,521	83,521	+ 4,000
	Consolidated Undersea Situational Awareness System			+ 4,000
19	WARFIGHTER SUSTAINMENT ADVANCED TECHNOLOGY	61,103	91,103	+ 30,000
	Ultrasonic Consolidation of Matrix Composites			+ 1,000
	Automatic Container and Cargo Handling System			+ 4,000
	Coffing Protection System			+ 2,000
	Defense Systems Modernization and Sustainment Initiative			+ 5,000
	Expeditionary Logistics for the 21st Century [EXLOG21] ..			+ 6,000
	Integrated Vehicle Health Management System			+ 3,000
	HEET			+ 5,000
	Vertical Lift Aircraft Repair and Maintenance Technology			+ 4,000
20	RF SYSTEMS ADVANCED TECHNOLOGY	44,046	63,046	+ 19,000
	APY-6 Real Time Precision Targeting Radar			+ 5,000
	Common Affordable Radar Processor			+ 9,000
	Photonics Prototyping Facility			+ 5,000
21	USMC ADVANCED TECHNOLOGY DEMONSTRATION	58,222	79,222	+ 21,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Expeditionary Warfare Water Purification			+ 15,000
	Study to Identify and Evaluate Alternative Fixed-Wing Lift Platforms			+ 1,000
	Excaliber Unmanned Tactical Combat Vehicle			+ 1,000
	Project Albert			+ 4,000
24	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	16,719	29,319	+ 12,600
	Battlefield Pharmaceutical Test			+ 1,000
	Anti-Oxidant Micronutrients Program			+ 600
	Hemostatic Research			+ 1,000
	Individual Water Purification			+ 3,000
	Tissue and Limb Transplantation Medical Technology Development			+ 5,000
	Blood and Fluid Infusion/Transfusion Technology			+ 2,000
25	UNDERSEA WARFARE ADVANCED TECHNOLOGY	26,515	33,015	+ 6,500
	Hawaii Undersea Vehicle Test and Training Environment			+ 3,000
	Sea Test for Towed Acoustic Arrays			+ 2,000
	SAUVIM			+ 1,500
31	AVIATION SURVIVABILITY	10,820	31,820	+ 21,000
	Intelligent Control System for SWARM			+ 4,500
	Silver Fox Unmanned Aerial Vehicle [UAV]			+ 5,000
	Rotorcraft External Airbag Protection System			+ 5,500
	Integrated Manifold and Tube Ceramic Oxygen Generator			+ 6,000
33	ASW SYSTEMS DEVELOPMENT	4,541	15,541	+ 11,000
	LASH ASW, EPAS, and IR			+ 5,000
	Claymore Marine			+ 6,000
36	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	103,308	94,841	- 8,467
	Surface Navy Integrated Undersea Tactical Technology—Mine Warfare			+ 3,000
	Long-Term Mine Reconnaissance System Program Restructure			- 11,467
37	SURFACE SHIP TORPEDO DEFENSE	46,896	50,896	+ 4,000
	Anti Torpedo Torpedo			+ 4,000
38	CARRIER SYSTEMS DEVELOPMENT	157,479	162,479	+ 5,000
	Aviation Ship Integration Center			+ 5,000
39	SHIPBOARD SYSTEM COMPONENT DEVELOPMENT	18,993	41,993	+ 23,000
	Amorphous Metal Permanent Magnet Generator Set			+ 3,000
	Carbon Foam			+ 5,000
	DDX Ship System Power Electronics Technologies			+ 2,000
	Galley Food Waste Disposal System			+ 1,000
	MTTC/IPI and NSTC Shipboard System Component Development			+ 8,000
	Shipboard Wireless Maintenance Assistant [SWMA]			+ 4,000
44	SURFACE ASW	17,633	21,433	+ 3,800
	Improved Surface Vessel Torpedo Launcher			+ 2,800
	Surface Ship Combat System Warfighting Enhancements			+ 1,000
46	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	81,160	93,160	+ 12,000
	Advanced Composite Structures Program			+ 2,000
	Submarine Payload and Sensors Program			+ 10,000
48	SHIP CONCEPT ADVANCED DESIGN	3,723	21,723	+ 18,000
	SEALION Cascading Vehicles			+ 13,000
	Integrated Condition Assessment System [ICAS]			+ 5,000
54	COMBAT SYSTEM INTEGRATION	80,840	112,540	+ 31,700
	Transportable Laser Induced Plasma Channel [LIPC] Demonstration System			+ 18,000
	MDETEC			+ 2,000
	Context-adaptable Autonomous and Remote Unmanned Sys. Operation			+ 5,000
	Trouble Reporting Information Data Warehouse			+ 2,000
	Unexploded Ordnance Detection Airborne Ground Penetrating Radar [GPR]			+ 4,700
56	MARINE CORPS ASSAULT VEHICLES	236,969	249,969	+ 13,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	FLIR Thermal Imager			+ 6,000
	Regenerative Filtration Technology for EFV			+ 7,000
58	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	22,440	39,140	+ 16,700
	Clearing Facilities with Novel Technology			+ 3,400
	Anti Armor Weapon System—Heavy [AAWS-H]			+ 4,000
	Urban Operations Environmental Laboratory			+ 6,400
	Urban Operations Nonlethal and Scalable Weaponiza- tion			+ 2,900
62	ENVIRONMENTAL PROTECTION	24,641	27,641	+ 3,000
	Integrated Marine Mammal Monitoring and Protection System			+ 3,000
63	NAVY ENERGY PROGRAM	1,494	9,494	+ 8,000
	Molten Carbonate Fuel Cell			+ 5,000
	Proton Exchange Membrane Fuel Cell Trial			+ 3,000
64	FACILITIES IMPROVEMENTS	1,621	7,621	+ 6,000
	Playas Instrumentation Network Design & Development ..			+ 6,000
74	LAND ATTACK TECHNOLOGY	82,049	73,386	- 8,663
	Naval Fires Network Transfer to Line 201 (DCGS)			- 8,663
79	COUNTERDRUG RDT&E PROJECTS		3,000	+ 3,000
	Research of Frequency Selective Surfaces and Thermal Signatures—INEEL			+ 3,000
80	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES [TADIRCM]		7,000	+ 7,000
	Early Operational Assessment			+ 7,000
89	P-3 MODERNIZATION PROGRAM	9,554	10,554	+ 1,000
	Personal Digital Assistant Maintenance Application Project			+ 1,000
93	H-1 UPGRADES	90,389	132,389	+ 42,000
	H-1 Turned Exhaust			+ 42,000
95	V-22A	304,164	297,164	- 7,000
	V-22 Environmental Control System Upgrade			+ 8,000
	CV-22 Flight Test Program Delay			- 15,000
96	AIR CREW SYSTEMS DEVELOPMENT	8,838	12,838	+ 4,000
	Joint Helmet Mounted Cueing System—Quad-Eye			+ 4,000
98	Electronic Warfare Development	48,956	51,456	+ 2,500
	IR Signature Reduction to Mitigate Terrorist Missile Threat			+ 2,500
99	VHXX EXECUTIVE HELO DEVELOPMENT	777,398	557,398	- 220,000
	VHXX Executive Helo Program Execution			- 220,000
101	SC-21 TOTAL SHIP SYSTEM ENGINEERING	1,431,585	1,210,469	- 221,116
	Transfer to SCN			- 221,116
106	STANDARD MISSILE IMPROVEMENTS	99,022	112,022	+ 13,000
	Advanced Missile Data Link			+ 5,000
	Standard Missile Insensitive Munitions Improvements ...			+ 5,000
	Mk 41 Vertical Launch System Open Architecture Up- grades			+ 3,000
108	SSN-688 AND TRIDENT MODERNIZATION	75,359	84,959	+ 9,600
	Littoral Array			+ 4,600
	Littoral TB-23 Towed Array			+ 5,000
109	AIR CONTROL	13,102	20,102	+ 7,000
	Transportable Transponder Landing System			+ 7,000
111	SHIPBOARD AVIATION SYSTEMS	28,631	30,131	+ 1,500
	Synthetic Material Arresting Cable			+ 1,500
113	NEW DESIGN SSN	143,270	208,370	+ 65,100
	Submarine COTS Web Enabled Service Toolkit			+ 5,000
	Submarine Information Assurance			+ 2,000
	Common Submarine Radio Room			+ 13,100
	Multi-Mission Module for Virginia Class			+ 40,000
	Large Aperture Bow Array			+ 5,000
115	SUBMARINE TACTICAL WARFARE SYSTEM	43,404	49,404	+ 6,000
	Submarine Warfare System Strike Weapon Status Con- trol			+ 6,000
116	SHIP CONTRACT DESIGN/LIVE FIRE T&E	130,908	148,908	+ 18,000
	Dedicated Ocean Exploration Research Vessel			+ 18,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
120	LIGHTWEIGHT TORPEDO DEVELOPMENT	9,965	12,965	+ 3,000
	Mk 54 Torpedo			+ 3,000
125	BATTLE GROUP PASSIVE HORIZON EXTENSION SYSTEM	17,981	19,481	+ 1,500
	Anti-Terrorism Technology Surveillance System			+ 1,500
127	SHIP SELF DEFENSE (DETECT & CONTROL)	48,154	68,154	+ 20,000
	Integrated Radar Optical Surveillance & Sighting System [IROS3]			+ 12,000
	Autonomous Unmanned Surface Vessel [AUSV]			+ 3,000
	Directed Energy User Scrutiny Equipment [DEUSE]			+ 5,000
129	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	28,233	36,233	+ 8,000
	Shipboard Leveraged Electronic Warfare System [SLEWS]			+ 5,000
	NULKA			+ 3,000
130	MEDICAL DEVELOPMENT	6,942	32,942	+ 26,000
	Minimally Invasive Surgical Technology Institute [MISTI]			+ 3,000
	Multivalent Dengue Vaccine Program			+ 4,000
	Room/Elevated Temperature-Stable Hemoglobin-Based Oxygen Carrier			+ 10,000
	SEE-RESCUE Distress Streamer			+ 3,000
	Coastal Cancer Prevention			+ 5,000
	Rare Blood Program			+ 1,000
132	DISTRIBUTED SURVEILLANCE SYSTEM	7,776	13,776	+ 6,000
	Centurion			+ 6,000
133	JOINT STRIKE FIGHTER [JSF]	2,264,507	2,264,507	
	Joint Strike Fighter STOVL Lift Fan			[15,000]
136	INFORMATION TECHNOLOGY DEVELOPMENT	109,543	106,293	- 3,250
	Digital Access of NCIS Records			+ 1,750
	Enterprise Resource Planning [ERP]			- 20,000
	SPAWAR Information Technology Center			+ 10,000
	Virtual Perimeter Monitoring System			+ 5,000
142	MAJOR T&E INVESTMENT	39,787	42,787	+ 3,000
	Adapting Fleet Support and Readiness Training for a Transforming Fleet			+ 3,000
147	TECHNICAL INFORMATION SERVICES	696	20,696	+ 20,000
	Pacific Based Joint Information Technology Center			+ 9,000
	HTDV			+ 5,000
	Integrated Manufacturing Enterprise			+ 6,000
150	RDT&E Science and Technology Management	66,117	62,317	- 3,800
	Unjustified Growth			- 3,800
157	MARINE CORPS PROGRAM WIDE SUPPORT	19,701	27,701	+ 8,000
	Field Rapid Assay Biological System			+ 5,000
	Chemical Warfare Agent Detector Badge			+ 3,000
161	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	108,782	107,782	- 1,000
	Thin Plate Pure Lead Technology in Submarine Batteries			+ 7,000
	Advanced Conventional Strike Capability Demonstration			+ 15,000
	Strategic Propulsion Applications Program Growth			- 18,000
	Radiation Hardened Applications Program Growth			- 5,000
166	F/A-18 SQUADRONS	134,580	136,580	+ 2,000
	Military Rapid Response Command Information System ..			+ 2,000
167	E-2 SQUADRONS	6,055	16,055	+ 10,000
	Airborne Data Terminal Set [DTS] With Embedded Encryption			+ 4,000
	Network Centric Warfare Testbed			+ 6,000
168	FLEET TELECOMMUNICATIONS (TACTICAL)	19,784	21,284	+ 1,500
	Floating Area Network			+ 1,500
169	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER [TMPC]	28,776	36,776	+ 8,000
	Precision Terrain Aided Navigation			+ 8,000
170	INTEGRATED SURVEILLANCE SYSTEM	16,965	21,965	+ 5,000
	Fiber Optic Fixed Surveillance System			+ 5,000
177	SURFACE ASW COMBAT SYSTEM INTEGRATION	10,612	13,612	+ 3,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Marine Mammal Detection and Mitigation			+ 3,000
179	AVIATION IMPROVEMENTS	62,635	64,635	+ 2,000
	Corrosion Inhibiting Coatings			+ 2,000
180	NAVY SCIENCE ASSISTANCE PROGRAM	3,821	7,821	+ 4,000
	LASH MCM/ISR			+ 4,000
182	MARINE CORPS COMMUNICATIONS SYSTEMS	268,638	267,278	- 1,360
	Critical Infrastructure Protection Center			+ 3,000
	Coastal Battlefield Reconnaissance and Analysis			- 10,360
	Improved Ground Based Transportable Radar			+ 3,000
	Advanced Ferrite Antenna [AFA]			+ 3,000
183	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	44,828	48,978	+ 4,150
	Marine Advanced Combat Suit [MACS]			+ 3,000
	Anti-Oxidant Micronutrients Program			+ 1,150
190	Satellite Communications (SPACE)	573,092	473,092	- 100,000
	MUOS Execution			- 100,000
191	INFORMATION SYSTEMS SECURITY PROGRAM	18,676	30,676	+ 12,000
	SECUREnet			+ 7,000
	Collaborative Information Warfare Network			+ 5,000
193	COBRA JUDY	80,694	93,694	+ 13,000
	Cobra Judy Replacement			+ 13,000
197	TACTICAL UNMANNED AERIAL VEHICLES (JMIP)	53,439	83,439	+ 30,000
	Advanced Airship Flying Laboratory			+ 6,000
	Fire Scout RQ-8B			+ 24,000
199	AIRBORNE RECONNAISSANCE SYSTEMS	10,191	14,191	+ 4,000
	Modular Upgrades to Airborne Reconnaissance Sensors ..			+ 4,000
201	Distributed Common Ground/Surface Systems	3,635	6,635	+ 3,000
	Distributed Common Ground System Transfer from Line 74			+ 3,000
204	MODELING AND SIMULATION SUPPORT	7,262	24,762	+ 17,500
	Global Engineering Methodology Initiative for Naval Integration and Interoperability			+ 4,000
	Joint Analytical Modeling Improvement Program [JAMIP] JWARS			+ 5,500
	Modeling and Simulation to Support C4ISR Development			+ 8,000
206	INDUSTRIAL PREPAREDNESS	56,565	58,565	+ 2,000
	Porous Materials			+ 2,000

PMRF Force Protection Lab.—The Committee recommends an increase of \$8,000,000 for the PMRF force protection lab. The lab will serve as an incubator for force protection and base security technologies and will examine such technologies as active access technologies, rapid response command information systems, common situation displays, ports and cargo secure operations, maritime security and force protection, and advanced communications terminals.

Acoustic Technology Program.—The Committee recommends \$5,000,000 for the development of a multi-mission unmanned undersea glider prototype coupled with ISR sensors to demonstrate denied area surveillance through the Acoustic Technology Program.

MTTC/IPI.—The Committee notes MTTC/IPPI's significant contribution to increasing cost savings for the Navy through innovative product development, and encourages the Navy to include funding for this program as part of its annual budget request.

Littoral Combat Ship.—The Committee supports the budget request for the Littoral Combat Ship [LCS] and consents to the Navy's request to fund construction of the first prototype ship for each of two ship designs in the Research and Development, Navy

account. Approval for funding LCS in the research and development account is strictly based on the acknowledgement of the prototypical nature and high level of technical risk inherent in this program. The Committee finds LCS to be unique and unlike any other shipbuilding program the Navy has previously pursued; and therefore, grants the Navy's request for the increased flexibility that funding within the research and development account affords. However, the Committee directs that all follow-on ships beyond one prototype for each LCS ship design be fully funded in the Shipbuilding and Conversion, Navy account. The Committee also believes that substantial testing of the LCS and the associated mission modules is required to evaluate each ship design and validate operational requirements. Therefore, the Committee directs that no funds shall be obligated to prepare a fiscal year 2006 budget request for construction of the second ship of either prototype design. This directive is intended to provide for a "gap" year between the construction of the first prototype ship and second ship of each design, thereby ensuring that design problems discovered during the construction of each ship design are identified and fixed before construction of the follow-on ships. In addition, the consent to build the LCS prototype ships with research and development funding should in no way be interpreted as approval for other ship construction programs to be funded within the Research and Development, Navy account.

The Committee is also concerned that the development of various LCS mission modules, which will be procured independently from the vessel, will obscure the actual cost of the weapon system. Therefore, the Committee directs the Navy to identify LCS mission module funding separately within the Research and Development, Navy and Other Procurement, Navy accounts.

MDETEC.—The Committee directs the Department of the Navy to conduct a study on the Navy's directed energy and electric weapon requirements for both offensive and defensive uses of such weapons. The study shall examine future Naval force capability gaps, the potential requirements for, employment and testing of directed energy and electric weapons to fill those gaps. The study shall include examination of high-energy laser, high power microwave, particle beam, electronic attack, electromagnetic launch and rail gun technologies. The report shall be delivered not later than June 1, 2005.

DD(X) Destroyer Program.—The Committee supports the budget request for the DD(X) Destroyer program but believes that construction of the ship should be funded within the Shipbuilding and Conversion account in a manner consistent with prior shipbuilding programs. Therefore, the Committee transfers \$221,116,000 of Research and Development funding to the Shipbuilding and Conversion account and directs the Navy to fund future ship construction within the Shipbuilding and Conversion account.

Joint Strike Fighter STOVL Lift Fan.—The Committee directs that in addition to funds currently budget for STOVL Lift Fan technologies, not less than \$15,000,000 of the funds provided for the Joint Strike Fighter program shall be for STOVL Lift Fan thrust increase studies.

Fire Scout Unmanned Aerial Vehicle.—The Committee has included an additional \$24,000,000 for the Fire Scout unmanned aerial vehicle program. The Committee directs that these funds shall be used for procurement of one additional Fire Scout system consisting of three Fire Scout air vehicles, three Electro-Optical-Infrared/Laser Designator/Laser Rangefinder payloads and embedded radios, one Ground Control Station, and one ship set of automatic landing equipment.

CCDoTT.—The Committee recognizes that Office of Naval Research sponsored university research into agile port technology and supply networks and sense and respond logistics, holds significant promise in improving strategic mobility, rapid deployment and sustainment, and force protection in support of expeditionary warfare mission objectives. The Committee encourages the Joint Forces Command to support those efforts and participate with the Center for the Commercial Deployment of Transportation Technology and the local logistics airport in conducting joint experiments, desktop and field exercises such as Sea Viking 06 and 08 to demonstrate and rapidly deploy those advanced concepts of operations.

Emitter Location Technologies.—The Committee is concerned that the Department of Defense has not captured the cost benefits offered by current emitter location technology. For example, the Navy and Air Force continue to pursue dedicated weapon systems to perform the Suppression of Enemy Air Defense [SEAD] and the Destruction of Enemy Air Defense [DEAD] mission areas rather than use new emitter location technology to accurately geolocate targets for current strike systems to suppress or destroy. Emitter location technologies will allow multiple missions to be performed by existing strike weapons systems thereby saving costs and time. The Committee directs the Navy to evaluate the cost benefits offered by the adaptation of current emitter location technology to justify the continued expenditures on new missile systems dedicated to the SEAD and DEAD mission areas. This evaluation should identify the cost and risks associated with upgrading current and planned emitter location technology versus the cost and benefits of using dedicated missile systems.

Western Security Complex.—The Committee understands that extensive informal efforts have been made by the naval facility at China Lake, California, the United States Joint Forces Command, and a number of other facilities to establish cooperative operations among more than 100 bases, laboratories, and government-sponsored research facilities in the western United States. The Committee recognizes the potential value of formalizing these efforts and supports a feasibility study of the Western Security Complex, which would link together and explore cooperative ventures to leverage resources in support of the Global War on Terrorism. The study is to be submitted to congressional defense committees before the fiscal year 2006 budget submission.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Appropriations, 2004	\$20,500,984,000
Budget estimate, 2005	21,114,667,000
Committee recommendation	21,002,308,000

The Committee recommends an appropriation of \$21,002,308,000. This is \$112,359,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

(In thousands of dollars)

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, AF			
	BASIC RESEARCH:			
1	DEFENSE RESEARCH SCIENCES	217,304	233,304	+ 16,000
2	UNIVERSITY RESEARCH INITIATIVES	115,865	134,565	+ 18,700
3	HIGH ENERGY LASER RESEARCH INITIATIVES	12,331	12,331	.....
	TOTAL, BASIC RESEARCH	345,500	380,200	+ 34,700
	APPLIED RESEARCH:			
4	MATERIALS	73,660	105,560	+ 31,900
5	AEROSPACE VEHICLE TECHNOLOGIES	74,679	74,679	.....
6	HUMAN EFFECTIVENESS APPLIED RESEARCH	71,483	81,283	+ 9,800
7	AEROSPACE PROPULSION	92,650	106,650	+ 14,000
8	AEROSPACE SENSORS	78,804	92,804	+ 14,000
9	MULTI-DISCIPLINARY SPACE TECHNOLOGY	84,581	84,581	.....
10	SPACE TECHNOLOGY	88,909	111,484	+ 22,575
11	CONVENTIONAL MUNITIONS	52,251	52,251	.....
12	DIRECTED ENERGY TECHNOLOGY	36,532	36,532	.....
13	COMMAND CONTROL AND COMMUNICATIONS	82,147	84,147	+ 2,000
14	DUAL USE SCIENCE AND TECHNOLOGY PROGRAM	5,151	5,151	.....
15	HIGH ENERGY LASER RESEARCH	45,333	45,333	.....
	TOTAL, APPLIED RESEARCH	786,180	880,455	+ 94,275
	ADVANCED TECHNOLOGY DEVELOPMENT:			
16	ADVANCED MATERIALS FOR WEAPON SYSTEMS	34,284	57,784	+ 23,500
17	ADVANCED AEROSPACE SENSORS	30,634	30,634	.....
19	AEROSPACE TECHNOLOGY DEV/DEMO	29,145	35,145	+ 6,000
20	AEROSPACE PROPULSION AND POWER TECHNOLOGY	79,914	84,914	+ 5,000
21	CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY	32,794	33,794	+ 1,000
22	ELECTRONIC COMBAT TECHNOLOGY	28,282	41,282	+ 13,000
23	BALLISTIC MISSILE TECHNOLOGY .....	.....	2,000	+ 2,000
25	ADVANCED SPACECRAFT TECHNOLOGY	60,124	101,614	+ 41,490
26	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	6,306	50,306	+ 44,000
27	MULTI-DISCIPLINARY ADVANCED DEVELOPMENT SPACE TECHNOLOGY	51,114	61,114	+ 10,000
28	CONVENTIONAL WEAPONS TECHNOLOGY	22,398	22,398	.....
29	ADVANCED WEAPONS TECHNOLOGY	31,103	47,103	+ 16,000
31	C3I ADVANCED DEVELOPMENT	28,524	32,524	+ 4,000
32	SPECIAL PROGRAMS	320,503	320,503	.....
33	INTEGRATED BROADCAST SERVICE	2,294	2,294	.....
34	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	8,547	8,547	.....
35	ADVANCED COMMUNICATIONS SYSTEMS	12,051	12,051	.....
36	AMC COMMAND AND CONTROL SYSTEM	6,038	6,038	.....
37	JOINT NATIONAL TRAINING CENTER	2,939	2,939	.....
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	786,994	952,984	+ 165,990
	DEMONSTRATION & VALIDATION:			
38	INTELLIGENCE ADVANCED DEVELOPMENT	4,612	4,612	.....
39	PHYSICAL SECURITY EQUIPMENT	22,640	22,640	.....
40	NAVSTAR GLOBAL POSITIONING SYSTEM III	40,568	40,568	.....
41	ADVANCED EHF MILSATCOM (SPACE)	612,049	612,049	.....

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
42	POLAR MILSATCOM (SPACE)	960	960	.....
44	SPACE CONTROL TECHNOLOGY	15,046	15,046	.....
45	COMBAT IDENTIFICATION TECHNOLOGY	19,582	19,582	.....
46	NATO RESEARCH AND DEVELOPMENT	3,930	3,930	.....
47	INTERNATIONAL SPACE COOPERATIVE R&D	552	552	.....
48	ADVANCED WIDEBAND SYSTEM (AWS) TRANSFORMATIONAL SATCOM	774,836	374,836	- 400,000
49	INTEGRATED BROADCAST SERVICE (DEM/VAL)	23,927	23,927	.....
50	INTERCONTINENTAL BALLISTIC MISSILE (DEM/VAL)	72,503	70,503	- 2,000
51	WIDEBAND GAPFILLER SYSTEM RDT&E (SPACE)	73,499	73,499	.....
53	SPACE-BASED RADAR (DEM/VAL)	327,732	227,732	- 100,000
54	POLLUTION PREVENTION (DEM/VAL)	2,692	4,192	+ 1,500
55	JOINT PRECISION APPROACH AND LANDING SYSTEMS (DEM/VAL)	18,385	18,385	.....
57	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS)	6,383	6,383	.....
59	OPERATIONALLY RESPONSIVE LAUNCH	35,362	5,000	- 30,362
60	COMMON AERO VEHICLE (CAV)	21,610	.....	- 21,610
61	NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SATE	307,668	307,668	.....
	TOTAL, DEMONSTRATION & VALIDATION	2,384,536	1,832,064	- 552,472
	ENGINEERING & MANUFACTURING DEVELOPMENT:			
62	GLOBAL BROADCAST SERVICE (GBS)	33,447	33,447	.....
63	JOINT HELMET MOUNTED CUEING SYSTEM (JHMCS)	2,867	2,867	.....
64	NUCLEAR WEAPONS SUPPORT	13,301	13,301	.....
65	B-1B	59,462	89,462	+ 30,000
66	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	3,359	3,359	.....
67	F-22—EMD	210,000	210,000	.....
68	B-2 ADVANCED TECHNOLOGY BOMBER	245,049	245,049	.....
69	EW DEVELOPMENT	138,393	157,393	+ 19,000
70	JOINT TACTICAL RADIO	49,856	49,856	.....
71	PHYSICAL SECURITY EQUIPMENT	9,744	9,744	.....
72	SMALL DIAMETER BOMB (SDB) EMD	76,489	76,489	.....
73	COUNTERSPACE SYSTEMS	75,863	27,863	- 48,000
75	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	508,448	508,448	.....
76	MILSTAR LDR/MDR SATELLITE COMMUNICATIONS (SPACE)	1,380	1,380	.....
77	MUNITIONS DISPENSER DEVELOPMENT	28,048	28,048	.....
78	ARMAMENT/ORDNANCE DEVELOPMENT	8,353	8,353	.....
79	SUBMUNITIONS	4,824	4,824	.....
80	AGILE COMBAT SUPPORT	10,053	20,053	+ 10,000
82	LIFE SUPPORT SYSTEMS	6,630	6,630	.....
84	COMBAT TRAINING RANGES	18,714	22,714	+ 4,000
85	INTEGRATED COMMAND & CONTROL APPLICATIONS (IC2A)	258	18,758	+ 18,500
86	INTELLIGENCE EQUIPMENT	1,349	1,349	.....
88	COMMON LOW OBSERVABLES VERIFICATION SYSTEM (CLOVERS)	10,303	10,303	.....
89	JOINT STRIKE FIGHTER (JSF)—EMD	2,307,420	2,309,920	+ 2,500
90	INTERCONTINENTAL BALLISTIC MISSILE—EMD	91,687	91,687	.....
91	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)	27,000	27,000	.....
92	RDT&E FOR AGING AIRCRAFT	15,665	35,665	+ 20,000
94	UNMANNED COMBAT AIR VEHICLE JOINT PROGRAM OFFICE	2,911	2,911	.....
95	LINK-16 SUPPORT AND SUSTAINMENT	141,012	141,012	.....
96	FAMILY OF INTEROPERABLE OPERATIONAL PICTURES (FIOP)	44,947	44,947	.....
97	MULTI-SENSOR C2 AIRCRAFT (MC2A)	538,860	498,860	- 40,000
98	FULL COMBAT MISSION TRAINING	5,894	12,894	+ 7,000
100	CV-22	16,439	16,439	.....

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	4,708,025	4,731,025	+ 23,000
	RDT&E MANAGEMENT SUPPORT:			
101	THREAT SIMULATOR DEVELOPMENT	34,517	34,517	.....
102	MAJOR T&E INVESTMENT	58,933	58,933	.....
103	RAND PROJECT AIR FORCE	24,970	24,970	.....
104	RANCH HAND II EPIDEMIOLOGY STUDY	4,813	4,813	.....
106	INITIAL OPERATIONAL TEST & EVALUATION	28,839	28,839	.....
107	TEST AND EVALUATION SUPPORT	356,266	361,266	+ 5,000
108	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	7,984	22,984	+ 15,000
109	SPACE TEST PROGRAM (STP)	44,521	44,521	.....
110	FACILITIES RESTORATION & MODERNIZATION—TEST & EVAL	58,936	58,936	.....
111	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	23,067	23,067	.....
112	GENERAL SKILL TRAINING	323	323	.....
114	JUDGMENT FUND REIMBURSEMENT	100,000	100,000	.....
115	INTERNATIONAL ACTIVITIES	3,945	3,945	.....
	TOTAL, RDT&E MANAGEMENT SUPPORT	747,114	767,114	+ 20,000
	OPERATIONAL SYSTEMS DEVELOPMENT:			
116	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	7,858	7,858	.....
117	B-52 SQUADRONS	25,766	25,766	.....
118	ADVANCED CRUISE MISSILE	7,740	7,740	.....
119	AIR-LAUNCHED CRUISE MISSILE [ALCM]	11,837	11,837	.....
120	STRAT WAR PLANNING SYSTEM—USSTRATCOM	23,391	18,391	- 5,000
121	NIGHT FIST—USSTRATCOM	4,987	4,987	.....
122	ADVANCED STRATEGIC PROGRAMS	8,393	8,393	.....
123	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION	19,047	19,047	.....
124	WARFIGHTER RAPID ACQUISITION PROCESS [WRAP] RAPID TRAN	24,935	24,935	.....
126	A-10 SQUADRONS	22,590	39,590	+ 17,000
127	F-16 SQUADRONS	99,606	102,606	+ 3,000
128	F-15E SQUADRONS	115,246	125,246	+ 10,000
129	MANNED DESTRUCTIVE SUPPRESSION	16,976	16,976	.....
130	F-22 SQUADRONS	354,528	354,528	.....
131	F-117A SQUADRONS	29,661	29,661	.....
132	TACTICAL AIM MISSILES	5,558	5,558	.....
133	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE [AMRAAM]	33,266	33,266	.....
134	COMBAT RESCUE AND RECOVERY	12,342	12,342	.....
135	AF TENCAP	10,673	15,673	+ 5,000
136	SPECIAL EVALUATION PROGRAM	199,040	199,040	.....
137	COMPASS CALL	3,990	3,990	.....
138	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	165,609	165,609	.....
139	CSAF INNOVATION PROGRAM	1,879	1,879	.....
140	JOINT AIR-TO-SURFACE STANDOFF MISSILE [JASSM]	45,777	45,777	.....
141	AEROSPACE OPERATIONS CENTER [AOC]	27,695	27,695	.....
142	CONTROL AND REPORTING CENTER [CRC]	11,634	11,634	.....
143	AIRBORNE WARNING AND CONTROL SYSTEM [AWACS]	288,787	288,787	.....
144	ADVANCED COMMUNICATIONS SYSTEMS	20,066	20,066	.....
146	ADVANCED PROGRAM TECHNOLOGY	249,391	249,391	.....
147	THEATER BATTLE MANAGEMENT [TBM] C4I	37,210	37,210	.....
148	FIGHTER TACTICAL DATA LINK	50,976	50,976	.....
149	BOMBER TACTICAL DATA LINK	120,256	120,256	.....
150	C2ISR TACTICAL DATA LINK	25,441	25,441	.....
151	MC2C (MULTI-SENSOR COMMAND AND CONTROL CONSTELLATION)	44,035	44,035	.....
152	JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM	89,247	89,247	.....

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
153	SEEK EAGLE	23,159	23,159	.....
154	ADVANCED PROGRAM EVALUATION	474,734	474,734	.....
155	USAF MODELING AND SIMULATION	18,693	18,693	.....
156	WARGAMING AND SIMULATION CENTERS	6,377	6,377	.....
157	MISSION PLANNING SYSTEMS	136,701	136,701	.....
158	INFORMATION WARFARE SUPPORT	7,230	7,230	.....
161	NAIC .....	.....	3,000	+ 3,000
166	E-4B NATIONAL AIRBORNE OPERATIONS CENTER [NAOC] ..	11,172	11,172	.....
168	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET- WORK	33,183	33,183	.....
169	INFORMATION SYSTEMS SECURITY PROGRAM	79,625	87,625	+ 8,000
170	GLOBAL COMBAT SUPPORT SYSTEM	18,637	18,637	.....
171	GLOBAL COMMAND AND CONTROL SYSTEM	3,611	6,111	+ 2,500
173	MILSATCOM TERMINALS	272,149	272,149	.....
176	GLOBAL AIR TRAFFIC MANAGEMENT [GATM]	7,291	7,291	.....
177	SATELLITE CONTROL NETWORK (SPACE)	17,833	22,833	+ 5,000
178	WEATHER SERVICE	16,526	17,526	+ 1,000
179	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM [ATC]	7,371	12,371	+ 5,000
180	AERIAL TARGETS	5,178	5,178	.....
181	SECURITY AND INVESTIGATIVE ACTIVITIES	484	484	.....
183	AIR FORCE TACTICAL MEASUREMENT AND SIGNATURE INTELLIGENCE	7,905	9,905	+ 2,000
184	DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE)	219,345	219,345	.....
186	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIP- MENT)	104,114	104,114	.....
187	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CON- TROL)	148,344	148,344	.....
189	SPACE WARFARE CENTER	411	411	.....
190	SPACELIFT RANGE SYSTEM (SPACE)	47,253	47,253	.....
191	PERSONNEL SECURITY INVESTIGATIONS PROGRAM—AIR FORCE	118,787	118,787	.....
192	INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS [IO]	1,097	1,097	.....
193	DRAGON U-2 (JMIP)	87,745	87,745	.....
195	AIRBORNE RECONNAISSANCE SYSTEMS	55,464	64,864	+ 9,400
196	MANNED RECONNAISSANCE SYSTEMS	13,283	17,783	+ 4,500
197	DISTRIBUTED COMMON GROUND SYSTEMS	21,232	21,232	.....
198	PREDATOR UAV (JMIP)	81,346	81,346	.....
199	GLOBAL HAWK UAV (JMIP)	336,159	336,159	.....
200	INTELLIGENCE SUPPORT TO INFORMATION WARFARE	963	963	.....
201	NCMC—TW/AA SYSTEM	64,822	64,822	.....
202	SPACETRACK (SPACE)	161,838	168,538	+ 6,700
204	NUDET DETECTION SYSTEM (SPACE)	35,398	35,398	.....
205	SPACE ARCHITECT	12,907	12,907	.....
207	SHARED EARLY WARNING [SEW]	3,345	3,345	.....
208	C-130 AIRLIFT SQUADRON	150,242	152,242	+ 2,000
209	C-5 AIRLIFT SQUADRONS	332,982	332,982	.....
210	C-17 AIRCRAFT	199,692	201,692	+ 2,000
211	C-130J PROGRAM	36,305	36,305	.....
212	LARGE AIRCRAFT IR COUNTERMEASURES [LAIRCM]	73,684	73,684	.....
213	KC-135S	1,079	1,079	.....
214	KC-10S	18,452	.....	- 18,452
215	SPECIAL TACTICS/COMBAT CONTROL	1,067	1,067	.....
216	DEPOT MAINTENANCE (NON-IF)	1,431	1,431	.....
217	ACQUISITION AND MANAGEMENT SUPPORT	1,596	1,596	.....
218	INDUSTRIAL PREPAREDNESS	38,012	44,012	+ 6,000
221	SUPPORT SYSTEMS DEVELOPMENT	50,238	64,238	+ 14,000
223	OTHER PERSONNEL ACTIVITIES	110	110	.....
225	CIVILIAN COMPENSATION PROGRAM	7,272	7,272	.....
226	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVEL- OPMENT	15,732	15,732	.....

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
999	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	5,805,039	5,887,687	+ 82,648
	CLASSIFIED PROGRAMS	5,551,279	5,570,779	+ 19,500
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AF	21,114,667	21,002,308	- 112,359

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	DEFENSE RESEARCH SCIENCES	217,304	233,304	+ 16,000
	Human performance			- 3,000
	External research programs interface			- 2,000
	Nanomaterials Research, Nanomanufacturing for Military Applications			+ 3,000
	Corrosion Protection of Aluminum Alloys Used in Aircraft			+ 2,500
	Read out Integrated Circuit manufacturing Improvement			+ 5,000
	Network, Information and Space Security			+ 5,000
	Quantum Gate			+ 1,000
	Chabot Space and Science Center			+ 2,000
	Non-lethal Stunning/Immobilizing weapons			+ 500
	National Hypersonic research Center			+ 2,000
2	UNIVERSITY RESEARCH INITIATIVES	115,865	134,565	+ 18,700
	21st Century information Operations Workforce			+ 1,500
	Griffith Observatory programming			+ 1,000
	Graduate fellowships			- 5,000
	Information Security Solutions			+ 3,200
	Strategic Partnership for research in Nanotechnology			+ 15,000
	Agile Response Chameleon Coatings			+ 3,000
4	MATERIALS	73,660	105,560	+ 31,900
	Titanium Matrix Composites			+ 2,900
	Nanostructured materials for advanced air systems			+ 5,500
	Gallium Nitrate RF Power Technology			+ 5,000
	Thermal sprays for structural protection			+ 3,000
	ONAMI Safer nanomaterials and nanomanufacturing			+ 5,000
	Non-Linear Optical Materials			+ 1,000
	Durable Hybrid Coatings for Aircraft Systems			+ 1,000
	Material Science Laboratory			+ 1,500
	Cost Effective Materials for Manned and Unmanned Flight Structures			+ 2,000
	Advanced Manufacturing technologies for Metals, Composites (UMR)			+ 5,000
6	HUMAN EFFECTIVENESS APPLIED RESEARCH	71,483	81,283	+ 9,800
	Solid electrolyte oxygen separator			+ 9,800
7	AEROSPACE PROPULSION	92,650	106,650	+ 14,000
	High Powered Electrical Aircraft Capabilities			+ 10,000
	Integrated Cooling and Power System with MBTG			+ 4,000
8	AEROSPACE SENSORS	78,804	92,804	+ 14,000
	Super-resolution Sensor System			+ 3,000
	Three Dimensional Packaging			+ 4,000
	Minority LEADERS			+ 7,000
10	SPACE TECHNOLOGY	88,909	111,484	+ 22,575
	Spacecraft vehicles technology, deployable structures for SBR			- 4,000
	Lightweight and novel Structures for Space program			+ 4,500
	Electromagnetic Wave gradiometer			+ 4,000
	USAF Center for National Security research—Signature exploitation			+ 1,575
	HAARP			+ 6,500

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Foldable Articulated Structures for Next Generation Spacecraft			+ 3,000
	Elastic memory Composite			+ 3,000
	Seismic Monitoring Program			+ 4,000
13	COMMAND CONTROL AND COMMUNICATIONS	82,147	84,147	+ 2,000
	Joint Battlespace Infosphere			+ 2,000
16	ADVANCED MATERIALS FOR WEAPON SYSTEMS	34,284	57,784	+ 23,500
	Assessing Aging of Military Aircraft (ISU)			+ 1,000
	Metal Affordability Initiative			+ 10,000
	Stealth RAM coatings			+ 5,000
	Titanium Matrix Composites			+ 3,500
	Plasma Arc/Waste to energy Production			+ 4,000
19	AEROSPACE TECHNOLOGY DEV/DEMO	29,145	35,145	+ 6,000
	Haleakala Laser Communications Testbed			+ 1,000
	Capabilities Planning Support			+ 5,000
20	AEROSPACE PROPULSION AND POWER TECHNOLOGY	79,914	84,914	+ 5,000
	IHP/TET/F-136 JSF Interchangeable Engine			+ 5,000
21	CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY	32,794	33,794	+ 1,000
	The Logisitics Institute			+ 1,000
22	ELECTRONIC COMBAT TECHNOLOGY	28,282	41,282	+ 13,000
	Lightweight Modular Support Jammer			+ 8,000
	Affordable Visible Missile Warning Systems			+ 5,000
23	BALLISTIC MISSILE TECHNOLOGY		2,000	+ 2,000
	Pacific Ballistic Missile Technology Program			+ 2,000
25	ADVANCED SPACECRAFT TECHNOLOGY	60,124	101,614	+ 41,490
	Robust Aerospace Composite materials and structures			+ 4,500
	Thin film amorphous solar arrays			+ 10,000
	Geosynchronous Laser Imaging testbed			+ 7,000
	Intelligent free space optical satellite communications node			+ 3,000
	Hardening technologies for Satellite Protection			+ 5,000
	MRAM Innovative Communications Materials			+ 1,990
	Radially Segmented launch Vehicle Risk Reduction			+ 5,000
	Vortex Cold Wall Low Cost Rocket Engines			+ 5,000
26	MAUI SPACE SURVEILLANCE SYSTEM [MSSS]	6,306	50,306	+ 44,000
	High Accuracy Network Determination System			+ 10,000
	MSSS Operations and Research			+ 34,000
27	MULTI-DISCIPLINARY ADVANCED DEVELOPMENT SPACE TECHNOLOGY	51,114	61,114	+ 10,000
	PanSTARRS			+ 10,000
29	ADVANCED WEAPONS TECHNOLOGY	31,103	47,103	+ 16,000
	Wafer integrated semiconductor laser			+ 4,000
	Massively parallel optical interconnects for Microsatellite Datacom			+ 4,000
	Applications of LIDAR to Vehicles with Analysis [ALVA]			+ 8,000
31	C3I ADVANCED DEVELOPMENT	28,524	32,524	+ 4,000
	Rivet Joint Advanced Wideband Processor			+ 3,000
	J-P 900 Coal based Jet Fuel			+ 1,000
48	TRANSFORMATIONAL SATCOM [TSAT]	774,836	374,836	- 400,000
	Technological risk reduction			- 400,000
50	INTERCONTINENTAL BALLISTIC MISSILE	72,503	70,503	- 2,000
	Long range planning			- 2,000
53	SPACE-BASED RADAR	327,732	227,732	- 100,000
	Technological risk reduction			- 100,000
54	POLLUTION PREVENTION	2,692	4,192	+ 1,500
	O2 Diesel Particulate Emissions Reduction			+ 1,500
59	OPERATIONALLY RESPONSIVE LAUNCH	35,362	5,000	- 30,362
	Program reduction			- 35,362
	Microsatellite development			+ 5,000
60	COMMON AERO VEHICLE [CAV]	21,610		- 21,610
	Program reduction			- 21,610
65	B-1B	59,462	89,462	+ 30,000
	FLIR and datalink upgrades			+ 30,000
69	ELECTRONIC WARFARE DEVELOPMENT	138,393	157,393	+ 19,000
	ALQ-172 airborne electronic attack upgrade			+ 9,000
	PLAID			+ 8,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Rapid replacement of Mission Critical EW Components			+ 2,000
73	COUNTERSPACE SYSTEMS	75,863	27,863	- 48,000
	Space Control Test Capabilities system			+ 5,000
	Counter Surveillance Reconnaissance system			- 53,000
80	AGILE COMBAT SUPPORT	10,053	20,053	+ 10,000
	Isolation Units with reactive Nanoparticle materials			+ 6,000
	AERO Medical readiness-water sterilization			+ 4,000
84	COMBAT TRAINING RANGES	18,714	22,714	+ 4,000
	Virtual teleoperation for unmanned aerial vehicles (ISU)			+ 4,000
85	INTEGRATED COMMAND & CONTROL APPLICATIONS [IC2A]	258	18,758	+ 18,500
	Global Awareness Presentation System-IC2A			+ 5,000
	Distributed mission interoperability toolkit			+ 8,000
	Asset Source for Software engineering technology eWing Program			+ 5,500
89	JOINT STRIKE FIGHTER [JSF]	2,307,420	2,309,920	+ 2,500
	JSF second source tire research, aircraft bias, radial tire materials			+ 2,500
92	RDT&E FOR AGING AIRCRAFT	15,665	35,665	+ 20,000
	Aging landing gear life extension			+ 7,000
	Academic Center for aging aircraft			+ 6,000
	Fleet readiness			+ 2,500
	Fleet Capability Assessment			+ 2,000
	LEAN Depot engine repair			+ 2,500
97	MULTI-SENSOR C2 AIRCRAFT (MC2A)	538,860	498,860	- 40,000
	Reduction—MC2A (late delivery of test bed aircraft)			- 40,000
98	FULL COMBAT MISSION TRAINING	5,894	12,894	+ 7,000
	F-16 Block 30 MTC for Air National Guard			+ 7,000
107	TEST AND EVALUATION SUPPORT	356,266	361,266	+ 5,000
	Big Bend Range			+ 5,000
108	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	7,984	22,984	+ 15,000
	Ballistic Missile range Safety technology			+ 15,000
120	STRAT WAR PLANNING SYSTEM—USSTRATCOM	23,391	18,391	- 5,000
	ISPAN contractor costs			- 5,000
126	A-10 SQUADRONS	22,590	39,590	+ 17,000
	Three Dimensional Modeling, Design and Engineering Assessment			+ 7,000
	A-10 Propulsion Modernization			+ 10,000
127	F-16 SQUADRONS	99,606	102,606	+ 3,000
	AN/APG-68(V) 10 radar development			+ 3,000
128	F-15E SQUADRONS	115,246	125,246	+ 10,000
	AESA radar development			+ 10,000
135	AF TENCAP	10,673	15,673	+ 5,000
	GPS Jammer Detection and Location System			+ 5,000
161	NATIONAL AIR INTELLIGENCE CENTER		3,000	+ 3,000
	EWIRDB/NCE Data Migration			+ 3,000
169	INFORMATION SYSTEMS SECURITY PROGRAM	79,625	87,625	+ 8,000
	Lighthouse cyber security program			+ 5,000
	Center for Infrastructure Assurance and Security			+ 3,000
171	GLOBAL COMMAND AND CONTROL SYSTEM	3,611	6,111	+ 2,500
	Applied Research in Computing Enterprise Services			+ 2,500
177	SATELLITE CONTROL NETWORK (SPACE)	17,833	22,833	+ 5,000
	Civil reserve Space Service Initiative			+ 5,000
178	WEATHER SERVICE	16,526	17,526	+ 1,000
	Pacific Islands Ocean Typhoon Experiment (PILOT)			+ 1,000
179	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM [ATCAL]S	7,371	12,371	+ 5,000
	Transportable Transponder Landing System			+ 5,000
183	AIR FORCE TACTICAL MEASUREMENT AND SIGNATURE INTELLIGENCE [MASINT] SYSTEMS/PROGRAM	7,905	9,905	+ 2,000
	Advanced Remote Ground Unattended Sensor program [ARGUS]			+ 2,000
195	AIRBORNE RECONNAISSANCE SYSTEMS	55,464	64,864	+ 9,400
	Software communications architecture compliance			+ 9,400
196	MANNED RECONNAISSANCE SYSTEMS	13,283	17,783	+ 4,500
	Collaborative information operations			+ 4,500

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
202	SPACETRACK (SPACE)	161,838	168,538	+ 6,700
	Block 10 contract savings			- 4,000
	S-band upgrade			+ 10,700
208	C-130 AIRLIFT SQUADRON	150,242	152,242	+ 2,000
	Real-time measurement weight and balance system			+ 2,000
210	C-17 AIRCRAFT (IF)	199,692	201,692	+ 2,000
	C-17 Test Flight Data Archive			+ 2,000
214	KC-10s	18,452		- 18,452
	GATM cancellation			- 18,452
218	INDUSTRIAL PREPAREDNESS	38,012	44,012	+ 6,000
	Bipolar Wafer-cell NiMH aircraft battery			+ 2,500
	Advanced Nanomaterials Research, NanoPhotonic Components			+ 2,500
	Supply Chain Optimization Universal tool kit			+ 1,000
221	SUPPORT SYSTEMS DEVELOPMENT	50,238	64,238	+ 14,000
	C-5/C-17 Integrated Data Environment Aging Aircraft			+ 5,000
	Heavy duty hybrid electric			+ 3,000
	Common Core Power production program			+ 4,000
	Teleoperated Semi-autonomous Robot for Aging Aircraft Maintenance			+ 2,000
999	CLASSIFIED PROGRAMS	5,551,279	5,570,779	+ 19,500

Human Performance.—The budget request includes \$7,800,000 for the study of human sensory systems and perceptions, an increase of \$4,400,000 above fiscal year 2004 levels. As part of the Committee's budget review the Air Force failed to provide adequate justification for this increase. The Committee recommends a decrease of \$3,000,000.

External Research Programs Interface.—The budget request includes \$6,000,000 for international study, travel, and liaison missions. As part of the Committee's budget review the Air Force failed to provide adequate justification for this increase. The Committee recommends a decrease of \$2,000,000.

University Research Initiatives.—The budget request included \$39,670,000 for graduate fellowships, an increase of \$5,000,000 above fiscal year 2004 levels. The Committee recommends funding for this program at the fiscal year 2004 level, and recommends a decrease of \$5,000,000.

Quantum Gate Technology.—The Committee recommends \$1,000,000 for the purpose of conducting advanced research in quantum information technology of significance to the Department of Defense.

Composite Materials For UAVs.—Developing and producing composite materials tailored to the unique demands of unmanned aerial vehicles [UAVs] is critical if the Department of Defense is to extract the full operational capability of these systems. Therefore, the Committee provides an additional \$2,000,000 for the purpose of developing and certifying this new class of materials for the J-UCAS, UCAR, and other UAVs.

MSSS/AMOS.—The Committee recommends an increase of \$34,000,000 above the budget request for sustainment, investment in new technologies, initiatives, and research and development activities at MSSS. The Committee is concerned that the Air Force is applying overhead charges and administrative expenses to MSSS programs at excessive rates for lab overhead. The Committee di-

rects the Air Force to base its overhead charges only on the amount it requests. None of the increases provided here shall be subject to Air Force headquarters or administrative costs unrelated to MSSS. Furthermore, research funds should be allocated by Air Force officials on-site to local programs that offer the greatest potential return and merit. In addition, the Committee directs the Air Force and the Missile Defense Agency to study the advantages of moving MSSS to the Space Vehicles directorate within the Air Force Research Lab or to create a separate directorate for these activities and report by January 1, 2005 on their recommendations.

Long Range Planning.—The budget request included \$7,140,000 for acquisition planning and an on going Analysis of Alternatives for the land based Strategic Deterrent. This represents an increase of \$2,200,000 above fiscal year 2004 levels. The Air Force has not demonstrated sufficient justification to increase the funding for the studies and planning described above. The Committee recommends a decrease of \$2,000,000.

Integrated Strategic Planning and Analysis Network [ISPAN].—The budget request included \$23,000,000 for software upgrades and contractor costs related to the ISPAN planning system. The development effort related to modernization of ISPAN is concurrent with operation and maintenance funded sustaining efforts. As part of the Committee's budget review the Air Force was unable to justify the estimated contractor costs assumed in the budget request. The Committee recommends a decrease to requested funding of \$5,000,000.

KC-10 GATM.—The budget request contained \$18,452,000 for KC-10 Global Air Traffic Management development. Subsequent to the submission of the budget request the Air Force decided to cancel the subject program. The Committee recommends a decrease of \$18,452,000.

Fuel Cells.—The Committee is aware that a broad range of Air Force missions and applications have an immediate need for efficient and robust fuel cell based power sources. Fuel cells are lighter than conventional batteries or generator power supplies. Fuel cells offer the largest potential to reduce vehicle fuel consumption, individual soldier pack load, environmental pollution and enemy ability to detect combat vehicles. The Committee supports the Air Force investments in fuel cell technology and encourages the Air Force to use funds for the prototype scale-up, optimization and demonstration of an advanced solid polymer electrolyte fuel cell that uses lyotropic LCP based membranes.

JHPSSL.—The Committee is supportive of the Joint High Power Solid State Laser Program [JHPSSL]. This joint high energy laser program, funded by both the Department of the Air Force and the Department of the Army and managed by the High Energy Laser Joint Technology Office is a crucial step towards developing a powerful, lightweight and ultra-precise laser weapon that will increase probability of kill while reducing collateral damage. The Committee recommends that the Air Force continue to fully fund this important JHPSSL program and ensure that this program move forward with at least two of the participants now under contract through the next phase of development, the JHPSSL Follow-On Program, to reduce risk.

SPACE PROGRAMS

The Air Force Research, Development, Test and Evaluation budget request for fiscal year 2005 represents a considerable investment in space technologies and programs. In the context of the overall Defense budget, the totality of these investments is in all probability not sustainable. During fiscal year 2005 the Air Force seeks to nearly double its investment in Space Based Radar from a fiscal year 2004 level of \$172,600,000 to a fiscal year 2005 level of \$328,000,000. Transformational communications, the next generation of satellite communications, more than doubles in fiscal year 2005 to a request level of \$774,000,000. Although funded in another Air Force appropriation, the cost of space launch within the Evolved Expendable Launch Vehicle program has more than doubled since the fiscal year 2004 request, reaching a fiscal year 2005 request level of \$638,000,000. According to current plans, each of the above mentioned programs grows by a minimum of 30 percent in fiscal year 2006 absent additional schedule and cost perturbations. Subsequent to the submission of the budget request the Air Force notified the Committee of the latest cost estimates for the Space Based Infrared System [SBIRS] High program. Current estimates are that cost growth for the SBIRS program will approximate \$1,000,000,000 from fiscal year 2004–2013. Due to the conclusion of the Committee that planned investments in space programs are unaffordable, several adjustments to the budget request are recommended below.

Transformational Satellite Communications System.—The budget request included \$774,800,000 for the transformational military satellite [TSAT] communications program. Current plans project a cost increase of over 50 percent during fiscal year 2006, reaching an annual funding level of over \$1,000,000,000.

The Committee supports the efforts of the Air Force to develop significant increases in bandwidth available to the military. TSAT development holds the potential to improve communications capability through the use of lasers, internet protocol packets, and integration with a new ground communications network. Current Air Force estimates of the cost to complete the TSAT program approximate \$12,000,000,000. This estimate is nearly double the estimated cost to complete in the fiscal year 2004 request.

As noted above, the Committee remains acutely concerned that projected investments in Air Force space programs are not sustainable. The technical risks associated with the deployment of a TSAT constellation are considerable. The Committee recommends a decrease of \$400,000,000. Despite the recommended reduction in funds available to the program, sufficient resources remain to support technology development and risk reduction activities. In fact, at the recommended level, available funding increases by 10 percent above the fiscal year 2004 levels.

Space Based Radar.—The budget request includes \$327,732,000 for the Space Based Radar [SBR] program, an increase of \$155,000,000 above funding appropriated for fiscal year 2004. Current life cycle cost estimates for the Space Based Radar program range from \$25,000,000,000 to \$29,000,000,000. In concept, Space Based Radar would provide military commanders and the intel-

ligence community with an overhead capability to: conduct surface moving target tracks; access multiple theaters regardless of weather or visibility; provide rapid revisit radar imaging and terrain mapping; and, achieve near continuous surveillance.

According to the current plans of the Department of Defense, the first launch of an SBR satellite would occur during fiscal year 2012. To achieve this ambitious objective the Department intends to reach a Milestone B decision during fiscal year 2006, despite the fact that critical technologies such as the moving target indication software, hardware and algorithms and the on board processor are unlikely to have reached technology readiness level 5 until 2006. Although the Department of Defense has completed a Ground Moving Target Indicator Analysis of Alternatives, the Air Force and the Office of the Secretary of Defense are still considering the ideal force structure for the integration of air and space intelligence, surveillance and reconnaissance assets. Due to the uncertainties surrounding the affordability of an SBR constellation, and current levels of technological maturity, the Committee recommends a funding decrease of \$100,000,000. This recommended level of funding permits the Air Force to continue technology maturation and further study the relationship and costs concerning SBR dependence on Transformational Communications and TSAT.

The Committee further recommends that each contractor team narrow their concept development to only lead concepts.

Space Based Space Surveillance.—The budget request includes \$102,000,000 for Block 10 design development and risk reduction costs. Current Air Force estimates for this contractor effort total \$97,100,000 in fiscal year 2005. The Committee recommends a reduction of \$4,000,000.

Spacecraft Vehicle Technologies.—The budget request included \$13,156,000 for the design of deployable structures for Space Based Radar and an eventual flight experiment. This request represents an increase of \$5,800,000 above fiscal year 2004 levels. Due to the delays in the development of Space Based Radar the Committee recommends a decrease of \$4,000,000.

Counterspace Systems.—The budget request included \$53,000,000 for the Counter Surveillance Reconnaissance System. Subsequent to the submission of the budget the Air Force decided to cancel this program. The Committee recommends a decrease of \$53,000,000.

Global Positioning System.—The Committee notes that the Global Positioning System [GPS] has been an overwhelmingly successful joint military and civil use program providing revolutionary time and navigation accuracy improvements over previous systems. GPS has also created new applications which have improved safety throughout the United States and in other parts of the world. It has been more than two decades since the first GPS satellites were placed in orbit, and other nations now compete with the United States in advancing GPS technology. The Committee believes that Air Force research must focus on efforts to move from an earth centric time-space reference to a system which is decoupled from the planet. This research promises breakthrough improvements to enable the United States to maintain a technological lead over competing programs and provide a crucial component of testing our

missile defense systems which rely on nearly incomprehensible precision.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

Appropriations, 2004	\$18,900,715,000
Budget estimate, 2005	20,739,837,000
Committee recommendation	20,404,563,000

The Committee recommends an appropriation of \$20,404,563,000. This is \$335,274,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

(In thousands of dollars)

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, DW			
	BASIC RESEARCH:			
2	DEFENSE RESEARCH SCIENCES	143,729	150,729	+ 7,000
6	GOVERNMENT/INDUSTRY COSPONSORSHIP OF UNIVERSITY RESEAR		7,000	+ 7,000
7	DEFENSE EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE	9,590	14,090	+ 4,500
8	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	36,769	59,269	+ 22,500
	TOTAL, BASIC RESEARCH	190,088	231,088	+ 41,000
	APPLIED RESEARCH:			
9	MEDICAL FREE ELECTRON LASER	9,668	18,668	+ 9,000
10	HISTORICALLY BLACK & HISPANIC SERVING INSTITUTIONAL SCIENCES	14,192	17,192	+ 3,000
11	LINCOLN LABORATORY RESEARCH PROGRAM	25,441	25,441	
12	COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY	342,614		- 342,614
12A	INFORMATION AND COMMUNICATIONS TECHNOLOGY		193,956	+ 193,956
12B	COGNITIVE COMPUTING SYSTEMS		151,158	+ 151,158
14	BIOLOGICAL WARFARE DEFENSE	147,533	156,833	+ 9,300
15	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	104,385	147,139	+ 42,754
16	TACTICAL TECHNOLOGY	339,175	316,575	- 22,600
17	MATERIALS AND ELECTRONICS TECHNOLOGY	502,044		- 502,044
17A	MATERIALS TECHNOLOGY		253,836	+ 253,836
17B	ELECTRONICS TECHNOLOGY		215,708	+ 215,708
18	WMD DEFEAT TECHNOLOGY	249,786	249,786	
19	STRATEGIC DEFENSE TECHNOLOGIES	116,113	116,113	
20	MEDICAL TECHNOLOGY	10,084	14,084	+ 4,000
22	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT	13,109	13,109	
23	SOF MEDICAL TECHNOLOGY DEVELOPMENT	2,162	2,162	
	TOTAL, APPLIED RESEARCH	1,876,306	1,891,760	+ 15,454
	ADVANCED TECHNOLOGY DEVELOPMENT:			
24	MEDICAL ADVANCED TECHNOLOGY	2,063	3,563	+ 1,500
26	SO/LIC ADVANCED DEVELOPMENT	32,682	34,682	+ 2,000
27	COMBATING TERRORISM TECHNOLOGY SUPPORT	46,719	76,719	+ 30,000
28	COUNTERPROLIFERATION ADVANCED DEVELOPMENT TECHNOLOGIES	74,456	95,456	+ 21,000
29	BALLISTIC MISSILE DEFENSE TECHNOLOGY	204,320	232,120	+ 27,800
30	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	23,319	26,819	+ 3,500
32	ADVANCED AEROSPACE SYSTEMS	361,067		- 361,067
32A	ADVANCED AEROSPACE		87,347	+ 87,347

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
32B	SPACE PROGRAMS		222,220	+ 222,220
33	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEV	117,343	173,843	+ 56,500
34	JOINT UNMANNED COMBAT AIR SYSTEMS (J-UCAS) ADVANCED TE	284,617	288,617	+ 4,000
37	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	27,542	111,042	+ 83,500
38	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	56,936	56,936	
39	JOINT WARFIGHTING PROGRAM	9,936	10,936	+ 1,000
40	ADVANCED ELECTRONICS TECHNOLOGIES	218,151	225,151	+ 7,000
41	ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS	213,901	217,901	+ 4,000
42	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	186,666	236,766	+ 50,100
43	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	225,784	221,784	- 4,000
44	SENSOR AND GUIDANCE TECHNOLOGY	337,117		- 337,117
44A	SENSOR TECHNOLOGY		194,373	+ 194,373
44B	GUIDANCE TECHNOLOGY		137,244	+ 137,244
46	LAND WARFARE TECHNOLOGY	63,121	63,121	
47	CLASSIFIED DARPA PROGRAMS	238,131	88,131	- 150,000
48	NETWORK-CENTRIC WARFARE TECHNOLOGY	125,124	125,124	
49	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT	13,756	13,756	
50	SOFTWARE ENGINEERING INSTITUTE	21,599	21,599	
52	QUICK REACTION SPECIAL PROJECTS	64,389	64,389	
53	JOINT WARGAMING SIMULATION MANAGEMENT OFFICE	46,017	46,017	
55	TECHNOLOGY LINK	1,934	2,934	+ 1,000
56	COUNTERPROLIFERATION SUPPORT	1,958	1,958	
57	SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT	48,803	59,803	+ 11,000
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	3,047,451	3,140,351	+ 92,900
	DEMONSTRATION & VALIDATION:			
58	PHYSICAL SECURITY EQUIPMENT		19,000	+ 19,000
59	JOINT ROBOTICS PROGRAM	11,771	15,771	+ 4,000
60	ADVANCED SENSOR APPLICATIONS PROGRAM	17,581	22,581	+ 5,000
62	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	32,546	36,546	+ 4,000
64	ADVANCED CONCEPTS, EVALUATIONS AND SYSTEMS	256,159	256,159	
66	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	937,748	1,017,748	+ 80,000
67	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	4,384,775	4,548,275	+ 163,500
68	BALLISTIC MISSILE DEFENSE BOOST DEFENSE SEGMENT	492,614	497,614	+ 5,000
69	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEMO/VAL	104,195	112,195	+ 8,000
70	BALLISTIC MISSILE DEFENSE SENSORS	591,957	613,457	+ 21,500
71	BALLISTIC MISSILE DEFENSE SYSTEM INTERCEPTOR	511,262	259,262	- 252,000
72	BALLISTIC MISSILE DEFENSE TEST & TARGETS	713,658	713,658	
73	BALLISTIC MISSILE DEFENSE PRODUCTS	418,608	413,608	- 5,000
74	BALLISTIC MISSILE DEFENSE SYSTEMS CORE	479,764	454,764	- 25,000
76	HUMANITARIAN DEMINING	13,747	13,747	
77	COALITION WARFARE	5,886	5,886	
78	JOINT UNMANNED COMBAT AIR SYSTEMS (J-UCAS) ADVANCED CO	422,873	222,873	- 200,000
80	REDUCTION OF TOTAL OWNERSHIP COST	27,351		- 27,351
81	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	6,679	16,679	+ 10,000
	TOTAL, DEMONSTRATION & VALIDATION	9,429,174	9,239,823	- 189,351
	ENGINEERING & MANUFACTURING DEVELOPMENT:			
82	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	152,379	145,879	- 6,500
83	MANPADS DEFENSE PROGRAM	14,135	22,135	+ 8,000
84	JOINT ROBOTICS PROGRAM—EMD	13,845	29,845	+ 16,000

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
85	ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO)	18,183	18,183	.....
86	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	18,515	18,515	.....
89	INFORMATION TECHNOLOGY DEVELOPMENT	10,683	10,683	.....
91	INFORMATION TECHNOLOGY DEVELOPMENT	52,407	52,407	.....
92	INFORMATION TECHNOLOGY DEVELOPMENT—STANDARD PROCUREMENT	6,690	6,690	.....
93	FINANCIAL MANAGEMENT SYSTEM IMPROVEMENTS	94,767	49,767	— 45,000
94	DEFENSE MESSAGE SYSTEM	6,623	6,623	.....
95	INFORMATION SYSTEMS SECURITY PROGRAM	2,493	2,493	.....
96	GLOBAL COMBAT SUPPORT SYSTEM	17,867	17,867	.....
97	JOINT COMMAND AND CONTROL PROGRAM (JC2)	3,000	3,000	.....
98	ELECTRONIC COMMERCE	3,466	3,466	.....
99	ELECTRONIC COMMERCE	2,345	2,345	.....
100	BMMP DOMAIN MANAGEMENT AND SYSTEMS INTEGRATION	7,472	7,472	.....
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	424,870	397,370	— 27,500
	RDT&E MANAGEMENT SUPPORT:			
101	SPECIAL TECHNICAL SUPPORT	19,274	19,274	.....
103	TRANSFORMATION INITIATIVES PROGRAM	9,977	.....	— 9,977
105	DEFENSE READINESS REPORTING SYSTEM (DRRS)	19,691	19,691	.....
106	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	4,989	4,989	.....
107	THERMAL VICAR	7,263	7,263	.....
108	TECHNICAL STUDIES, SUPPORT AND ANALYSIS	30,618	30,618	.....
109	CRITICAL TECHNOLOGY SUPPORT	1,937	1,937	.....
110	BLACK LIGHT	21,535	21,535	.....
112	FOREIGN MATERIAL ACQUISITION AND EXPLOITATION	35,572	35,572	.....
113	INTERAGENCY EXPORT LICENSE AUTOMATION	5,882	5,882	.....
114	DEFENSE TRAVEL SYSTEM	28,508	28,508	.....
115	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	86,409	86,409	.....
117	FOREIGN COMPARATIVE TESTING	35,633	35,633	.....
118	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	11,490	20,690	+ 9,200
119	GENERAL SUPPORT TO USD (INTELLIGENCE)	4,830	4,830	.....
120	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	42,652	37,652	— 5,000
126	SMALL BUSINESS INNOVATION RESEARCH/CHALLENGE ADMINISTR	1,999	1,999	.....
127	DEFENSE TECHNOLOGY ANALYSIS	7,279	7,279	.....
128	FORCE TRANSFORMATION DIRECTORATE	19,591	19,591	.....
129	DEFENSE TECHNICAL INFORMATION SERVICES (DTIC)	45,203	45,203	.....
130	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	10,598	10,598	.....
131	DEVELOPMENT TEST AND EVALUATION	8,882	8,882	.....
132	MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT) DARP	46,689	46,689	.....
133	INFORMATION TECHNOLOGY RAPID ACQUISITION	19,958	.....	— 19,958
134	INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS (IO)	12,878	12,878	.....
136	PENTAGON RESERVATION	13,884	13,884	.....
137	MANAGEMENT HEADQUARTERS—MDA	141,923	141,923	.....
138	IT SOFTWARE DEV INITIATIVES	1,700	1,700	.....
	TOTAL, RDT&E MANAGEMENT SUPPORT	696,844	671,109	— 25,735
	OPERATIONAL SYSTEMS DEVELOPMENT:			
141	PARTNERSHIP FOR PEACE (PFP) INFORMATION MANAGEMENT SYS	6,995	6,995	.....
142	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D)	2,178	2,178	.....
143	ISLAND SUN	1,663	1,663	.....

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
144	C4I INTEROPERABILITY	41,074	41,074	.....
145	JOINT ANALYTICAL MODEL IMPROVEMENT PROGRAM	5,577	5,577	.....
153	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT ...	1,240	1,240	.....
154	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATIO	2,517	2,517	.....
155	LONG HAUL COMMUNICATIONS (DCS)	11,401	11,401	.....
157	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	7,261	7,261	.....
158	INFORMATION SYSTEMS SECURITY PROGRAM	11,135	11,135	.....
159	INFORMATION SYSTEMS SECURITY PROGRAM	477,846	477,846	.....
160	C4I FOR THE WARRIOR	4,177	4,177	.....
161	C4I FOR THE WARRIOR	24,712	24,712	.....
162	GLOBAL COMMAND AND CONTROL SYSTEM	43,693	57,293	+ 13,600
163	JOINT SPECTRUM CENTER	18,941	18,941	.....
164	DEFENSE COLLABORATION TOOL SUITE (DCTS)	8,503	8,503	.....
165	NET-CENTRIC ENTERPRISE SERVICES (NCES)	52,059	52,059	.....
166	TELEPORT PROGRAM	10,272	10,272	.....
167	SPECIAL APPLICATIONS FOR CONTINGENCIES	20,758	20,758	.....
170	CRITICAL INFRASTRUCTURE PROTECTION (CIP)	28,021	28,021	.....
173	DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM (JMIP)	32,939	32,939	.....
180	NET CENTRICITY	214,222	120,722	- 93,500
192	INDUSTRIAL PREPAREDNESS	11,005	25,005	+ 14,000
193	LOGISTICS SUPPORT ACTIVITIES	11,389	11,389	.....
194	MANAGEMENT HEADQUARTERS (OJCS)	22,421	22,421	.....
195	NATO JOINT STARS	30,399	30,399	.....
198	SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT .....	.....	6,000	+ 6,000
199	SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT ..	311,966	67,728	- 244,238
199A	CV-22 .....	.....	75,131	+ 75,131
199B	AIRCRAFT DEFENSIVE SYSTEMS .....	.....	58,041	+ 58,041
199C	AVIATION SYSTEMS ADV DEVELOPMENT .....	.....	66,982	+ 66,982
199D	ASDS .....	.....	15,614	+ 15,614
200	SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	25,015	47,015	+ 22,000
202	SOF OPERATIONAL ENHANCEMENTS	57,643	74,643	+ 17,000
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,497,022	1,447,652	- 49,370
999	CLASSIFIED PROGRAMS	3,578,082	3,385,410	- 192,672
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DW ...	20,739,837	20,404,563	- 335,274

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
2	Defense Research Sciences	143,729	150,729	+ 7,000
	BioInterfaces .....	.....	.....	- 10,000
	Advance Photonic Composites Research .....	.....	.....	+ 5,000
	Biological Detection of Unexploded Ordnance and Land Mines .....	.....	.....	+ 2,500
	Molecular Electronics .....	.....	.....	+ 2,500
	Nano-Photonics Systems Fabrication .....	.....	.....	+ 4,000
	Photonics Technology Access Program .....	.....	.....	+ 1,000
	Space Based Active Sensors .....	.....	.....	+ 2,000
6	Government/Industry Cosponsorship of University Research ...	.....	7,000	+ 7,000
	Semiconductor Research—Focus Center Research Program .....	.....	.....	+ 7,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
7	Defense Experimental Program to Stimulate Competitive Research	9,590	14,090	+ 4,500
	Additional Funding			+ 4,500
8	Chemical and Biological Defense Program	36,769	59,269	+ 22,500
	Biodefense Research			+ 1,500
	Bug-To-Drug			+ 7,000
	Fluorescence Activated Sensing Technology [FAST] Integrated Threat Management			+ 4,000
	Therapeutic Approaches to Anthrax and Ricin toxins			+ 4,000
	Therapeutic Phosphorodiamidate Morpholino Oligomer Approaches			+ 6,000
9	Medical Free Electron Laser	9,668	18,668	+ 9,000
	Medical Free Electron Laser			+ 9,000
10	Historically Black Colleges and Universities [HBCU] Science	14,192	17,192	+ 3,000
	Tribal Colleges—Science Lab and Computer Equipment			+ 3,000
12	Computing Systems and Communications Technology	342,614		- 342,614
	Funding Transferred to New PEs			- 342,614
12A	Information and Communications Technology		193,956	+ 193,956
	Transfer from PE 0602301E (ST-11, 19, 24, 28, 29)			+ 191,456
	Secure Group Communications			+ 2,500
12B	Cognitive Computing Systems		151,158	+ 151,158
	Transfer from PE 0602301E (ST-30-33)			+ 151,158
14	Biological Warfare Defense	147,533	156,833	+ 9,300
	New Approaches to Weaponized Infectious Organisms			+ 2,000
	Antimicrobial Research Program			+ 3,000
	BioScience for Informatics			+ 1,300
	Noninvasive Biomodulation			+ 3,000
15	Chemical and Biological Defense Program	104,385	147,139	+ 42,754
	BioTerNet Networking and Strain Tracking			+ 1,000
	CBRN Countermeasures			+ 5,000
	Chemical Agent Persistence Models			+ 2,900
	Chemical Imaging for Food and Water Safety			+ 5,000
	LSH-SAW Hand-held Biosensor			+ 6,000
	Mustard Gas Antidote Research STIMAL			+ 9,000
	Nanowire Mesh Fabrics for Chemical and Biological Agent Defense			+ 1,854
	Novel Viral Biowarfare Agent ID and Treatment			+ 4,000
	Advanced Emergency Medical Response			+ 3,000
	Research on a Molecular Approach to Hazardous Materials Decontamination			+ 1,000
	Vaccines and Therapeutics to Counter Biological Threats			+ 4,000
16	Tactical Technology	339,175	316,575	- 22,600
	Novel Sensors for Force Protection			- 6,400
	SIER			- 4,000
	Laser Star			- 3,000
	Walrus			- 10,000
	Combat Zones that See			- 6,200
	CEROS			+ 7,000
17	Materials and Electronics Technology	502,044		- 502,044
	Funding Transferred to New PEs			- 502,044
17A	Materials Technology		253,836	+ 253,836
	Transfer from PE 0602712E (MPT-01 & 09)			+ 249,336
	BioFabrication			- 5,500
	Advanced Materials for Electromagnetic Devices			+ 4,000
	Strategic Materials			+ 4,000
	Friction Stir Welding of High Temperature Materials			+ 2,000
17B	Electronics Technology		215,708	+ 215,708
	Transfer from PE 0602712E (MPT-02, 06, 08)			+ 252,708
	Funding from previously cancelled programs			- 50,000
	OptoElectronics and Optical Communications			+ 3,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Characterization, Reliability, and Applications of Micro-Structures			+ 3,000
	Nanoscale Organic Spintronics Program			+ 2,000
	Nanoelectronics Defense and Security Initiative			+ 3,000
	Testing and Evaluation of Advanced Composite Ground Radomes			+ 2,000
20	Medical Technology	10,084	14,084	+ 4,000
	Hibernation Genomics			+ 4,000
24	Medical Advanced Technology	2,063	3,563	+ 1,500
	Integrated Medical IT System			+ 1,500
26	SO/LIC Advanced Development	32,682	34,682	+ 2,000
	High Rate Packet Inspection "Packet Storm"			+ 2,000
27	Combating Terrorism Technology Support	46,719	76,719	+ 30,000
	Blast Mitigation			+ 10,000
	CT-ISR			+ 4,000
	Explosive Loading Laboratory Testing			+ 8,000
	TSWG			+ 5,000
	QR Technology Based Vehicle Bomb Detection			+ 3,000
28	Counterproliferation Initiatives—Proliferation Prevention and Defeat	74,456	95,456	+ 21,000
	Detective (HPGe) Radio-Isotope Identifier			+ 1,000
	Guardian Portable Radiation Search Tool			+ 20,000
29	Ballistic Missile Defense Technology	204,320	232,120	+ 27,800
	Massively Parallel Optical Interconnects for Microsatellites			+ 4,500
	Center for Optical Logic Devices			+ 1,000
	Silicon Carbide Wide Band Gap Research			+ 4,000
	Multiple Target Tracking Optical Sensor Array Technology [MOST]			+ 2,000
	Advanced RF Technology Development			+ 5,000
	SiC Thick Film Mirror Coatings			+ 3,000
	Porous Silicon			+ 3,000
	Next-Generation Radiation Hard CMOS			+ 3,300
	Tulane Missile Defense			+ 2,000
30	Joint DOD-DOE Munitions Technology Development	23,319	26,819	+ 3,500
	Advanced Metallized Gelled Propellants			+ 3,500
32	Advanced Aerospace Systems	361,067		- 361,067
	Funding Transferred to New PEs			- 361,067
32A	Advanced Aerospace		87,347	+ 87,347
	Transfer from PE 0603285E (ASP-01)			+ 111,847
	Walrus			- 10,000
	Canard Rotor Wing			- 14,500
32B	Space Programs and Technology		222,220	+ 222,220
	Transfer from PE 0603285E (ASP-02)			+ 249,220
	Orbital Express			- 10,000
	RASCAL			- 10,000
	Improved Suborbital Operations			+ 8,000
	CAV			- 25,000
	Joint NASA/DOD Development			+ 10,000
33	Chemical and Biological Defense Program—Advanced Development	117,343	173,843	+ 56,500
	Bioadhesion Research to Combat Biological Warfare			+ 5,500
	Hand-held Biological Agent Detection [HBAD] system			+ 4,000
	Hi-Int Pulsed Radiation for Chem & BioAgent Defeat			+ 2,000
	Immunochemical Biological/Chemical Threat Agent Detector			+ 3,500
	LISA Inspector			+ 6,000
	Oral Adjuvants			+ 1,500
	Oral Anthrax/Plague Vaccine			+ 4,000
	Plant Vaccine Development			+ 7,000
	Rapid Response Sensor Networking for Multiple Applications			+ 1,500
	Reactive Air Purification for Individual and Collective Protection [RAPICP]			+ 8,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	Vaccines, Alternative Delivery Methods for Recombinant Protein Vaccines			+ 6,000
	Polyclonal human antibody production system			+ 4,000
	Water Quality Sensors			+ 3,500
34	Joint Unmanned Combat Air Systems [J-UCAS] Advanced Technology Development and R	284,617	288,617	+ 4,000
	Lithium Ion Battery for Joint Unmanned Combat Air System			+ 4,000
37	Generic Logistics R&D Technology Demonstrations	27,542	111,042	+ 83,500
	Aging Systems Sustainment and Enabling Technologies [ASSET]			+ 3,000
	Chameleon Miniaturized Wireless System			+ 11,000
	Diminishing Manufacturing Source [DMS]			+ 2,000
	Government Industry Data Exchange Program			+ 3,000
	Manufacturing Extension Partnership-Midwest Consortium			+ 2,000
	MicroElectronics Testing, Technology and Obsolescence Program			+ 7,500
	Nano-structured Carbon for Radiation Shielding of Microelectronics			+ 2,000
	New England Manufacturing Supply Chain			+ 8,000
	Next Generation Air Start Cart			+ 2,000
	Smart Scanning RFID Tag Reader			+ 3,000
	Spray Technique Analysis and Research for Defense			+ 2,000
	STAR4D Painting and Coating Pollution Prevention			+ 1,000
	Ultra-low Power Battlefield Sensor System			+ 30,000
	Vehicle Fuel Cell Program			+ 7,000
39	Joint Warfighting Program	9,936	10,936	+ 1,000
	Joint Navigational Warfare			+ 1,000
40	Advanced Electronics Technologies	218,151	225,151	+ 7,000
	Advanced Lithography-Thin Film Excellence			+ 5,500
	MIL Tech Extension			+ 1,500
41	Advanced Concept Technology Demonstrations	213,901	217,901	+ 4,000
	Hardware Encryption Capability (SecureD)			+ 4,000
42	High Performance Computing Modernization Program	186,666	236,766	+ 50,100
	Army High Performance Computing Research Center			+ 15,000
	High Performance Computing Visualization Initiative [HPCVI]			+ 4,000
	Multithread Architecture [MTA] Upgrade			+ 4,000
	Simulation Center HPC Upgrade			+ 5,000
	ARSC			+ 6,600
	MHPCC Technology Upgrade			+ 15,500
43	Command, Control and Communications Systems	225,784	221,784	- 4,000
	Space Based Networking			- 4,000
44	Sensor and Guidance Technology	337,117		- 337,117
	Funding Transferred to New PEs			- 337,117
44A	Sensor Technology		194,373	+ 194,373
	Transfer from PE 0603762E (SGT-02-04)			+ 199,873
	ISIS			- 5,500
44B	Guidance Technology		137,244	+ 137,244
	Transfer from PE 0603762E (SGT-01 and CLS)			+ 137,244
47	Classified DARPA Programs	238,131	88,131	- 150,000
	Program Reduction			- 150,000
55	Technology Link	1,934	2,934	+ 1,000
	IEE-Tech Transfer			+ 1,000
57	Special Operations Advanced Technology Development	48,803	59,803	+ 11,000
	ANGELFIRE/FCLAS Full Spectrum Active Protection Close-in Layered System			+ 8,000
	Long Range Biometric Target Identification System			+ 3,000
58	Physical Security Equipment		19,000	+ 19,000
	Family of Integrated Rapid Response Equipment			+ 10,000
	Persistent Perimeter Security Unmanned Systems			+ 9,000
59	Joint Robotics Program	11,771	15,771	+ 4,000

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	National Unmanned Systems Experimentation Environment			+ 4,000
60	Advanced Sensor Applications Program	17,581	22,581	+ 5,000
	Advanced Solid State Dye Laser			+ 3,000
	Secure Airborne Free Space Optical Communications			+ 2,000
62	Environmental Security Technical Certification Program	32,546	36,546	+ 4,000
	Perchlorate Remediation R&D, Rialto-Colton Basin			+ 4,000
66	Ballistic Missile Defense Terminal Defense Segment	937,748	1,017,748	+ 80,000
	Arrow			+ 80,000
67	Ballistic Missile Defense Midcourse Defense Segment	4,384,775	4,548,275	+ 163,500
	Allen Army Airfield Upgrades			+ 22,000
	Fort Greely Power Plant Feasibility Study			+ 2,500
	GMD Enhancements			+ 100,000
	PMRF Upgrades			+ 25,000
	Sensor Data Fusion and Communications			+ 3,000
	Range Mission Tool			+ 3,000
	SHOTS			+ 5,000
	Multi-Frame Blind Deconvolution			+ 3,000
	Kauai Test Facility			[4,000]
68	Ballistic Missile Defense Boost Defense Segment	492,614	497,614	+ 5,000
	International Cooperation			+ 5,000
69	Chemical and Biological Defense Program	104,195	112,195	+ 8,000
	Nano Intelligent Detection System Handheld Biological Agent Detectors			+ 8,000
70	Ballistic Missile Defense Sensors	591,957	613,457	+ 21,500
	Airborne Infrared Surveillance [AIRS]			+ 15,000
	Improved Materials for Optical Memories			+ 5,500
	Ground-Based Studies of Rocket Plume Signatures			+ 1,000
71	Ballistic Missile Defense System Interceptor	511,262	259,262	- 252,000
	Kinetic Energy Interceptor			- 227,000
	Near Field Infrared Experiments [NFIRE]			[68,000]
	Block 2012 International Cooperation			- 25,000
73	Ballistic Missile Defense Products	418,608	413,608	- 5,000
	ACT—Army Counter-Space Technology			+ 20,000
	Joint National Integration Center			+ 5,000
	C2BMC National Team Unjustified Program Growth			- 30,000
74	Ballistic Missile Defense Systems Core	479,764	454,764	- 25,000
	Corporate Lethality Testing			- 5,000
	System Engineering and Integration National Team Unjustified Program Growth			- 20,000
78	Joint Unmanned Combat Air Systems [J-UCAS] Advanced Component and Prototype Deve	422,873	222,873	- 200,000
	Program Restructure			- 200,000
80	Reduction Of Total Ownership Cost	27,351		- 27,351
	Lack of Program Justification			- 27,351
81	Joint Electromagnetic Technology [JET] Program	6,679	16,679	+ 10,000
	Delta Mine Training Center			+ 5,000
	HIPAS			+ 5,000
82	Chemical and Biological Defense Program	152,379	145,879	- 6,500
	JCAD—Cancellation			- 15,000
	Joint Biological Point Detection System [JBPDs]			+ 5,000
	ParallelaVax Rapid Vaccine Testing Technology			+ 3,500
83	MANPADS Defense Program	14,135	22,135	+ 8,000
	MANPADS Defense			+ 5,000
	Counter ManPads Airspace Protection System			+ 3,000
84	Joint Robotics Program	13,845	29,845	+ 16,000
	Unmanned Systems Research			+ 4,500
	Robotics Greenhouse Initiative			+ 2,500
	Joint Robotics			+ 4,000
	Integrated Test Support			+ 5,000
93	Financial Management System Improvements	94,767	49,767	- 45,000
	BMMP			- 45,000
103	Transformation Initiatives Program	9,977		- 9,977
	Program Reduction			- 9,977

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
118	Support to Networks and Information Integration	11,490	20,690	+ 9,200
	CISA			+ 2,200
	Pacific Disaster Center			+ 7,000
120	Chemical and Biological Defense Program	42,652	37,652	- 5,000
	Management Support Cost Growth			- 5,000
133	Information Technology Rapid Acquisition	19,958		- 19,958
	Program Reduction			- 19,958
162	Global Command and Control System	43,693	57,293	+ 13,600
	National Information Assurance and Training			+ 1,600
	Joint Information Technology Project—Alaska			+ 12,000
180	Net Centricity	214,222	120,722	- 93,500
	Horizontal Fusion Program Reduction			- 93,500
192	Industrial Preparedness	11,005	25,005	+ 14,000
	Advanced Manufacturing Institute			+ 3,000
	Copper-Based Casting Technology [C-BCT]			+ 2,000
	Laser Additive Manufacturing			+ 4,000
	Next Generation Manufacturing Technologies			+ 5,000
198	Special Operations Advanced Technology Development		6,000	+ 6,000
	SOF Experimental Technology Integration			+ 4,000
	Land and Sea Special Operations Mobility Systems [LASSO]			+ 2,000
199	Special Operations Tactical Systems Development	311,966	67,728	- 244,238
	CV-22 Funding Transfer to New PE			- 75,131
	Aircraft Defensive Systems Transfer to New PE			- 58,041
	Aviation Systems Advanced Development Transfer to New PE			- 103,982
	ASDS Transfer to New PE			- 1,614
	Identify Friend or Foe [IFF] Advanced Target Identification for AC-130U			+ 2,000
	Covert Waveform Program			+ 4,500
	Fly-by-Wire Program—Transfer to RDA Line 78			- 11,970
199A	CV-22		75,131	+ 75,131
	Funding Transfer from PE 1160404BB			+ 75,131
199B	Aircraft Defensive Systems		58,041	+ 58,041
	Funding Transfer from PE 1160404BB			+ 58,041
199C	Aviation Systems Advanced Development		66,982	+ 66,982
	Funding Transfer from PE 1160404BB			+ 103,982
	CAAP Program			- 37,000
199D	ASDS		15,614	+ 15,614
	Funding Transfer from PE 1160404BB			+ 1,614
	Budget Realignment			+ 14,000
200	Special Operations Intelligence Systems Development	25,015	47,015	+ 22,000
	Foreign Language Translator			+ 2,000
	High Altitude Long Endurance			+ 3,000
	Application Specific Integrated Circuit [ASIC] Development			+ 5,000
	Joint Threat Warning Systems			+ 7,000
	Wireless Management & Control Project			+ 5,000
202	SOF Operational Enhancements	57,643	74,643	+ 17,000
	B-Band Covert Night Vision System			+ 7,000
	Nano-Technology Research Effort			+ 8,000
	TACTICOMP			+ 2,000

DARPA.—The Committee recommends \$2,849,979,000 for Defense Advanced Research Projects Agency [DARPA] programs. DARPA is to be commended for compliance with last year's language that directed the incorporation of more detailed cost, schedule, and performer data in the budget materials. The Committee finds, however, that further information on plans for transitioning DARPA technologies to the Services and/or an acquisition agent is required. Therefore, the Committee directs DARPA to submit a comprehensive transition plan for programs funded with 6.3 funds.

The plan shall include the planned transition agent, i.e. Service, Agency, or future acquisition agent, the expected timing of the technology/program transition, and the expected program costs (unit cost) that will be borne by the agent. The Committee is sensitive to the scale of this endeavor and therefore directs that only 30 percent of 6.3 funded programs shall be required to present a transition plan with the fiscal year 2006 President's budget submission. The Committee grants flexibility in this reporting requirement with the expectation that an even greater portion of programs will submit transition plans in fiscal year 2007 and that all 6.3 funded programs will submit plans with the fiscal year 2008 budget submission.

In addition, the Committee remains concerned about the considerable financial flexibility inherent in DARPA's budget. For example, in any given year the majority of DARPA's programs undergo what is internally termed a "go/no-go" review. This necessary review determines whether the pursued technology is promising, plausible, and relevant to defense. As DARPA's programs are intrinsically and purposefully high risk, it is probable that many of the programs undergoing this review receive "no-go" decisions. As a result, the Director has the budgetary flexibility to redirect resources from all discontinued or "no-go" programs to any other program or programs funded within the same budgetary program element.

In addition, the Committee finds that program expenditures are further obscured by the level of resources requested in each program element. Over half of the Agency's program elements request more than \$200,000,000 in resources and one program element requests over \$500,000,000. Therefore, in order to increase budgetary transparency and clarify the amount of resources requested and ultimately executed on DARPA programs, the Committee recommends increasing the number of budgetary program elements or lines within the DARPA budget. The Committee directs DARPA to follow the Committee's recommended budgetary construction in future budget submissions.

Quadrupole Resonance Technology.—The Committee notes the success of quadrupole resonance technology in explosives detection. Leveraging accomplishments thus far, the Committee recommends an increase of \$3,000,000 to complete this project in fiscal year 2005.

Follow-on RAMOS Program.—The Committee understands that the Missile Defense Agency [MDA] recently terminated the Russian American Observation Satellites [RAMOS] program. This is a cooperative program with the Russian Federation on mutually beneficial research that is missile defense related and provides a foundation for future cooperative efforts. The Committee believes that this collaboration on space-based sensor research and development is meritorious and should continue. Accordingly, the Committee recommends that of the funds available to the MDA, \$5,000,000 be allocated to continue a follow-up cooperative program between the United States and the Russian Federation on missile defense and early warning technologies.

J-UCAS.—The Committee is concerned that the J-UCAS program has not been properly coordinated with the Services, is overly

ambitious with regards to planned technologies and is potentially unaffordable. The Committee is aware that when the Departments of the Navy and Air Force reduced funding for the program in their respective fiscal year 2005 budget proposals, the Office of the Secretary of Defense [OSD] transferred the program to one of its own offices, drastically increased program funding and slated DARPA as the executive agent. The Committee is also aware that since the program was transferred, there has been little coordination and consultation with the Services. As the Services will ultimately be called upon to operate and invest in the J-UCAS, it is prerequisite that they be closely involved in the development of requirements and the acquisition strategy.

In addition, the Committee is concerned that the technologies planned for the common operating system and advanced sensor suite are unnecessarily ambitious and potentially unaffordable. The schedule for these technologies is also unduly aggressive. As such, the Committee recommends a reduction of \$200,000,000 to the budget request and expects OSD to fully coordinate program plans with the Navy and Air Force in the future.

Lack of Program Justification.—The Committee is concerned about the number of “pilot” programs requested within the Office of the Secretary Defense. These programs include Reducing Total Ownership Costs, Rapid Acquisition Initiatives, Transformation Initiatives, and Horizontal Fusion. The funding requests for these programs fail to outline the activities and projects to be financed, but rather propose that the Congress appropriate “pots” of money for broad programmatic objectives where specific activities are identified after the funding is provided. For example, the fiscal year 2005 budget request for the new start program Reducing Total Ownership Costs broadly describes the program’s objective to, “optimize returns on investments that reduce operating and support costs for systems.” The Department plans to solicit proposals and make project selections after funding has been granted; thus no defined list of projects is available.

The Committee finds this budgetary practice unacceptable and recommends reducing funding for these programs. The Committee expects the Department to adhere to traditional budget justification practices and provide detailed information on the projects and activities to be funded with the budget request.

Allen Radio Testbed.—The Committee is aware that technology of the Allen Radio Telescope Array (at the Hat Creek Radio Observatory Site) can be utilized by the Department as a testbed that could lead to the development of a deployable system to detect low-observable aircraft. The Committee directs the Department to investigate this technology and report to the Committee on its potential.

Perchlorate Contamination.—The Committee is concerned about the potential cost of remediation of perchlorate and provides \$4,000,000 for the Environmental Security Technical Certification Program to conduct research and a demonstration of remediation technologies in the Rialto-Colton Basin.

The Committee believes that the Department should expedite the development of a plan to remediate perchlorate contamination. Once that plan is developed, the Committee believes that the De-

partment should take appropriate action to implement this plan. The Committee supports the reporting requirement on this matter as requested in the fiscal year 2004 Military Construction conference report.

Defense Integrated Military Human Resources System [DIMHRS].—The Committee is aware that accelerating funding for the DIMHRS program may significantly and more quickly improve support to the joint staff and unified combatant commanders to provide a single, fully integrated personnel and pay management system for our service personnel. The Committee encourages the Department of Defense to accelerate funding for the fielding and implementation of DIMHRS. The Committee urges the Department of Defense to maintain the DIMHRS joint program manager co-located with the DIMHRS program office and development staff at the SPAWAR Information Technology Center [SITC].

Special Operations Research and Development Funding.—The Committee recommends \$506,986,000 for research and development programs for Special Operations Forces. Similar to the position presented in the Procurement, Defense-Wide section of this report regarding the Command’s budget structure, the Committee recommends increasing the number of program elements for research and development activities. The Committee hopes these modifications will increase the transparency of the actual level of resources necessary to execute the Command’s programs and directs that the Committee’s adjustments be adhered to in future budget submissions.

TACTICOMP.—The Committee is aware of the requirement for advance modules of the TACTICOMP individual personal data assistant and recommends \$2,000,000 for Special Operations Forces for this purpose. The funding should be focused on the continued development of TACTICOMP advanced modules, the laser range finder and Navy dive board units.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Appropriations, 2004	\$305,861,000
Budget estimate, 2005	305,135,000
Committee recommendation	305,135,000

The Committee recommends an appropriation of \$305,135,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	OPERATIONAL TEST & EVAL, DEFENSE			
1	ADVANCED TECHNOLOGY DEVELOPMENT:			
	TEST & EVALUATION SCIENCE & TECHNOLOGY	16,295	14,795	-1,500
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	16,295	14,795	-1,500

[In thousands of dollars]

	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
	RDT&E MANAGEMENT SUPPORT:			
2	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT [CT	123,562	130,562	+ 7,000
3	OPERATIONAL TEST AND EVALUATION	42,390	42,390	.....
4	LIVE FIRE TESTING	10,209	10,209	.....
5	DEVELOPMENT TEST AND EVALUATION	112,679	107,179	- 5,500
	TOTAL, RDT&E MANAGEMENT SUPPORT	288,840	290,340	+ 1,500
	TOTAL, OPERATIONAL TEST & EVAL, DEFENSE	305,135	305,135	.....

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	TEST & EVALUATION SCIENCE & TECHNOLOGY	16,295	14,795	- 1,500
	Execution/Delays .....	.....	.....	- 1,500
2	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT [CTEIP]	123,562	130,562	+ 7,000
	Unmanned systems testbed project/Pathfinder demo .....	.....	.....	+ 5,000
	UAV Systems and Operations Validation Facility .....	.....	.....	+ 7,000
	Film Elimination Project .....	.....	.....	+ 1,000
	Resource Enhancement Project .....	.....	.....	- 6,000
5	DEVELOPMENT TEST AND EVALUATION	112,679	107,179	- 5,500
	JTCG/ME .....	.....	.....	- 3,000
	Threat Systems .....	.....	.....	- 2,500

TITLE V
 REVOLVING AND MANAGEMENT FUNDS
 DEFENSE WORKING CAPITAL FUNDS

Appropriations, 2004 \$1,641,507,000
 Budget estimate, 2005 1,685,886,000
 Committee recommendation 1,685,886,000

The Committee recommends an appropriation of \$1,685,886,000. This is equal to the budget estimate.

The Committee recommended appropriation is distributed as follows:

[In thousands of dollars]

Item	Committee recommendation
Working Capital Fund, Army	184,056
Working Capital Fund, Navy	65,385
Working Capital Fund, Air Force	81,089
Working Capital Fund, Defense-Wide	180,417
Working Capital Fund, Defense Commissary Agency	1,174,939
Total, Defense Working Capital Funds	1,685,886

NATIONAL DEFENSE SEALIFT FUND

Appropriations, 2004 \$1,066,462,000
 Budget estimate, 2005 1,269,252,000
 Committee recommendation 441,936,000

The Committee recommends an appropriation of \$441,936,000. This is \$827,316,000 below the budget estimate.

The Committee remains concerned about the status of construction of the T-AKE ships. While construction of the fiscal year 2000 appropriated ship has recently commenced, the Navy reports that the program has slipped an additional 6 months. The status of the production design is particularly concerning as only 2 of the 22 zones necessary for ship fabrication are complete. Further, the Committee notes that approximately \$2,000,000,000 of \$2,300,000,000 provided by the Congress since fiscal year 2000 for the program remains unexpended. As such, the Committee recommends reducing the budget request for the T-AKE until sufficient construction progress has been made on previously appropriated ships.

TITLE VI
OTHER DEPARTMENT OF DEFENSE APPROPRIATIONS
DEFENSE HEALTH PROGRAM

Appropriations, 2004	\$15,730,013,000
Budget estimate, 2005	17,640,411,000
Committee recommendation	18,064,811,000

The Committee recommends an appropriation of \$18,064,811,000. This is \$424,400,000 above the budget estimate.

The Committee remains concerned by the Department's efforts to fund shortfalls in the contractor provided private sector care account from direct care funding for military treatment facilities [MTFs]. The Committee believes that such actions will adversely impact the ability of the MTFs to provide quality health care to military beneficiaries. Therefore, the Committee recommends that up to \$8,953,494,000 may be available for contractor provided medical services within TRICARE, and directs the Department to follow established prior approval reprogramming procedures before transferring funds from the direct care account to the private sector care account.

Third-Party Collections at Military Treatment Facilities.—The Committee is concerned by the findings of the General Accounting Office regarding the collection of third-party payments at military treatment facilities as outlined in the GAO report 04-322R of February 2004. The Committee directs the Assistant Secretary of Defense (Health Affairs) to make the necessary business process improvement to ensure that Military Treatment Facilities are collecting all appropriate third-party payments. The Committee believes that these collections are critical to maximizing health care delivery and preventing the further degradation of medical facilities.

Enhanced Amputee Care.—The advent of body armor and substantial improvements in combat casualty care have contributed to the lowest "died of wounds rate" in recorded military warfare. However, the Global War on Terrorism has produced a surge in complex combat injuries involving the amputation of major limbs. Historically, 3 percent of those wounded in action required some amputation. Today that rate has jumped to 6 percent in Iraq. The Committee believes military amputees deserve the highest level of specialized care, and therefore recommends an additional \$18,400,000 to ensure military amputee patients are returned to the highest level of physical function and to active duty if possible. Of the funds provided, \$7,800,000 will contribute to improved operations at the Amputee Center at Walter Reed Army Medical Center. The Committee recommends \$9,000,000 for research into improved prosthetic care, limb development and rehabilitation, and

\$1,600,000 of procurement funding is provided for support equipment to furnish a new amputee center facility at Walter Reed Army Medical Center.

COMMITTEE RECOMMENDED ADJUSTMENTS

Operation and Maintenance

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Item	Committee recommendation
Alaska Federal Health Care Network	+ 2,500
Amputee Center Operations at Walter Reed Army Medical Center	+ 7,800
Automated Clinical Practice Guidelines	+ 6,500
Brown Tree Snakes	+ 1,000
Center for Disaster Humanitarian Assistance Medicine [USUHS]	+ 1,000
Digital Access and Analysis of Historic Records at AFIP	+ 20,000
Defense and Veterans Head Injury Program	+ 7,000
Graduate School of Nursing	+ 2,500
Health Study at the Iowa Army Ammunition Plant	+ 1,000
Madigan Army Medical Trauma Unit	+ 2,000
Pacific Island Health Care Referral	+ 5,000
Special Operations Injury Prevention Program	+ 2,200
Tripler Cancer Care	+ 10,000
Tri-Service Nursing Research Program	+ 6,000
Walter Reed Army Medical Center SRM	+ 10,000
Walter Reed Army Medical Center Cancer Screening and Diagnostics	+ 11,500
Total adjustments	+ 96,000

Amputee Center Operations at Walter Reed Army Medical Center.—The Committee recommends an additional \$7,800,000 to fund operations at the Walter Reed Amputee Center. These funds are in addition to amounts currently budgeted for the Amputee Center.

Center for Disaster and Humanitarian Assistance Medicine.—The Committee recommends \$1,000,000 for the Uniformed Services University of the Health Sciences [USUHS] Center for Disaster and Humanitarian Assistance Medicine [CDHAM]. The Committee encourages USUHS to provide funding for the Casualty Care Research Center [CCRC] and the Center for the Study of Traumatic Stress [CSTS].

Defense and Veterans Head Injury Program.—The Committee recommends an additional \$7,000,000 for the Defense and Veterans Head Injury Program to support enhanced medical care for active duty servicemembers who have sustained brain trauma.

Walter Reed Army Medical Center.—The Committee recommends \$10,000,000 for the Walter Reed Army Medical Center to fund facilities sustainment, restoration, and modernization projects. These funds are in addition to amounts currently budgeted for Walter Reed Army Medical Center.

Procurement

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Item	Committee recommendation
Support Equipment for Amputee Center at Walter Reed Army Medical Center	+ 1,600
Total adjustments	+ 1,600

Support Equipment for the Walter Reed Amputee Center.—The Committee recommends an additional \$1,600,000 for support equipment to outfit a new Amputee Center facility at Walter Reed Army Medical Center. The Committee understands that design and construction of the facility will be funded within existing resources.

Research, Development, Test and Evaluation

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Item	Committee recommendation
Peer Reviewed Cancer Research Program	+ 200,000
Peer Reviewed Medical Research Program	+ 50,000
Aircrew Laser Eye Protection [ALEP]	+ 6,500
Alliance for NanoHealth	+ 1,000
Clinical Coupler Integration	+ 4,000
Gulf War Illnesses	+ 5,000
Hawaii Federal Health Care Network	+ 25,000
Integrative Healing Practices for Veterans	+ 2,000
Manganese Health Research	+ 3,000
Military Complementary and Alternative Medicine	+ 3,000
Medical Error Reduction Initiative	+ 1,000
Muscle Research Consortium	+ 1,000
National Prion Research Program	+ 2,000
Preventive Medicine Research for Prostate Cancer	+ 2,000
Prosthetic Limb Development at Walter Reed Amputee Center	+ 9,000
Rapid Identification and Treatment for AFSOC Forces	+ 7,500
Telerobotic and Minimally Invasive Surgery at WRAMC	+ 4,800
Total adjustments	+ 326,800

Peer Reviewed Cancer Research Program.—The Committee has provided \$200,000,000 for a Peer Reviewed Cancer Research Program. The Committee directs the Secretary of Defense, in conjunction with the service Surgeons General, to select cancer research projects of clear scientific merit and direct relevance to military health. The projects being considered should include breast cancer, blood related cancers, ovarian cancer, prostate cancer, prostate cancer research project, and targeted nano-therapeutics for advanced breast and prostate cancer. The Secretary should use existing peer review procedures for selecting projects for funding in order to optimize the resources available for cancer research.

Peer Reviewed Medical Research Program.—The Committee has provided \$50,000,000 for a Peer Reviewed Medical Research Program. The Committee directs the Secretary of Defense, in conjunction with the service Surgeons General, to select medical research projects of clear scientific merit and direct relevance to military health.

Such projects could include: amyotrophic lateral sclerosis; alcoholism research; anti-radiation drug development; childhood asth-

ma; chronic pain and fatigue research; conjugate vaccines to prevent shigellosis; diabetes research; duchenne's disease research; epilepsy research; lupus; neurofibromatosis; the neurotoxin exposure treatment program; orthopaedic extremity trauma; osteoporosis and related bone diseases; Paget's Disease; post traumatic stress disorders; social work research; tuberous sclerosis complex; Volume Angio CAT [VAC] research; and autoimmune diseases such as scleroderma and sjogren's syndrome.

The Committee directs the Department to provide a report by March 1, 2005, on the status of these Peer Reviewed Cancer Research and Medical Research Programs.

Clinical Coupler Integration.—The Committee commends the Department for beginning the deployment of CHCSII, the electronic medical record that will improve the quality of care and documentation for servicemembers. The Committee recommends \$4,000,000 to continue integrating clinical decision support tools that use coupling technologies into CHCSII.

Alcoholism Research.—The Committee remains concerned about excessive alcohol consumption among military members. Alcoholism is a significant factor in suicide and accidental deaths, as well as lost productivity and health problems. Research holds the promise of developing more effective prevention programs and new and better methods for the treatment of alcoholism. For example, the development of effective drug therapies for alcoholism requires an improved understanding of how alcohol changes brain function to produce craving, loss of control, tolerance, and the alcohol withdrawal syndrome.

ADDITIONAL ITEMS OF INTEREST

Chiropractic Health Care Benefits Advisory Committee.—The Committee encourages the Secretary of Defense to convene a chiropractic health care benefits advisory committee to provide advice and recommendations regarding the continued development and implementation of chiropractic health care benefits for active duty military personnel. The committee recommends that the advisory committee meet no fewer than three times in each fiscal year beginning in fiscal year 2005.

Health Professions Loan Repayment Program.—The Committee strongly encourages the Department to continue to utilize programs for loan repayment that are separate from the Health Professions Scholarship and the Financial Assistance Programs. The Committee understands that dentists, nurses, pharmacists, psychologists, and optometrists all indicate that greater targeting of funds for loan repayment enhances recruitment and retention efforts.

Integrated Pharmacy Programs.—The Committee is pleased with the efforts of the Tripler Army Medical Center [TAMC] and the Spark M. Matsunaga VA Medical Center to integrate their pharmacy services and directs the Assistant Secretary of Defense (Health Affairs), in cooperation with the Department of Veterans Affairs, to prepare a report on progress in this critical area. The report should include the status of the pharmacy data systems bi-directional interface at Tripler Army Medical Center and plans to complete the project. In addition, the report should also detail ef-

forts to integrate pharmacies beyond data systems integration at TAMC/Matsunaga VA. This report is to be submitted to the congressional defense committees before the presentation of the fiscal year 2006 budget estimate.

Nurse Officers-to-Nurse Faculty.—The Committee recognizes that the current nursing shortage is having an effect on the quality and efficacy of the entire health care system. The Committee encourages the creation of a Nurse Officers-to-Educators Program, modeled after the successful Troops-to-Teachers Program at the Department of Defense, to place qualified nurse military veterans into educator positions in accredited schools of nursing.

Post-Doctoral Education.—The Committee continues to be supportive of postdoctoral training in health psychology and notes the successes and merits of the progress being made at Tripler Army Medical Center. The Department of Defense is encouraged to consolidate postdoctoral training efforts for psychologists in those military medical centers where independent departments of psychology exist and to lengthen it to a 2-year program, where appropriate.

Graduate Professional Education.—The Committee continues its strong support of equitable distribution of Department of Defense funds for graduate professional education to all health professions, including nursing.

Nurse Accession Bonus.—The Committee remains concerned that despite the nursing shortage, the Department has yet to increase accession bonuses for nurses in the services, which currently is the lowest of any of the health professions at \$5,000. In order to attract the best and the brightest, this amount must be increased, and the Committee urges the Department to remedy this inequity.

Certified Registered Nurse Anesthetists.—The Committee reiterates its strong support of the current scope of practice of military Certified Registered Nurse Anesthetists [CRNAs] to practice as licensed independent providers of anesthesia care.

Pediatric Emergency Medical Services.—The Committee expresses its strong support for pediatric-specific EMS training and equipment related to hospital preparedness. The Committee urges the Secretary of Defense to ensure that Military Treatment Facilities maintain these initiatives in recognition of the unique emergency medical needs of children.

Behavioral Research in the Military Service Laboratories.—The Committee recognizes that psychological scientists address a broad range of important issues and problems vital to our national security through the military research laboratories. Given the increasingly complex demands on our military personnel, psychological research on leadership, decision-making under stress, cognitive readiness, training, and human-technology interactions have become even more mission-critical. The Committee strongly encourages the service laboratories to reverse cuts made to their behavioral research programs.

Tobacco Use Cessation.—Tobacco use cost the Defense Department hundreds of millions of dollars every year in medical cost and lost productivity. While the Department has established ambitious goals to decrease the use of tobacco products, it has not aggressively pursued suggested pilot programs and not yet incorporated smoking cessation in TRICARE Prime benefits even though such

preventative care saves money. The Committee urges the Department to expedite availability of tobacco use prevention and cessation programs to all personnel.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, ARMY

Appropriations, 2004	\$1,500,261,000
Budget estimate, 2005	1,371,990,000
Committee recommendation	1,373,990,000

The Committee recommends an appropriation of \$1,373,990,000. This is \$2,000,000 above the budget estimate.

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

(In thousands of dollars)

Line	Item	2005 budget estimate	Committee recommendation	Change from budget estimate
1	Operation and maintenance	1,138,801	1,088,801	- 50,000
	Unobligated balances and carryover			- 50,000
2	Procurement	78,980	78,980	
3	Research, development, test and evaluation	154,209	206,209	+ 52,000
	ACWA, Pueblo, Colorado			+ 50,000
	Chemical Agent Detectors for Bluegrass			+ 2,000

The budget request included \$1,371,990,000 for the Chemical Agents and Munitions Destruction, Army appropriation. This is a decrease of \$128,271,000 below the fiscal year 2004 appropriated level.

The Department of Defense elected to reduce overall funding for the chemical demilitarization program despite the increased activities associated with the commencement of GB agent operations at Pine Bluff Chemical Agent Disposal Facility and Umatilla Chemical Agent Disposal Facility later this year. In addition to the additional activities planned for the Chemical Stockpile Disposal Project [CSDP], contractor labor costs at CDSP sites increase by \$534,000,000. To finance partially the CSDP cost growth the Office of the Secretary of Defense reduced by \$147,000,000 planned fiscal year 2005 funding for Assembled Chemical Weapons Alternatives [ACWA] program activities at the Pueblo Chemical Agent Destruction Pilot Plant. The decision to reduce the funding requested for ACWA was made despite the fact that in 2002 the Under Secretary of Defense for Acquisition, Technology and Logistics directed the Army and ACWA to accelerate destruction of the chemical weapons stockpile at Pueblo. Estimated carryover for the Chemical Agents and Munitions Destruction, Army appropriation from fiscal year 2004 to 2005 should exceed \$140,000,000. The Committee recommends a decrease of \$50,000,000 for operation and maintenance carryover.

The ACWA program remains a priority of the Committee. During fiscal year 2005 the Department is expected to complete the design and earliest stage of construction at Pueblo. To restore this facility to its original schedule, the Committee recommends additional

funding of \$50,000,000 under research and development for Pueblo, Colorado.

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

Appropriations, 2004	\$835,616,000
Budget estimate, 2005	852,697,000
Committee recommendation	908,797,000

The Committee recommends an appropriation of \$908,797,000. This is \$56,100,000 above the budget estimate.

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

(In thousands of dollars)

Item	Committee recommendation
Alaska National Guard Counterdrug Program	+ 3,000
Hawaii National Guard Counterdrug Program	+ 3,000
Appalachia High Intensity Trafficking Area	+ 1,500
West Virginia National Guard Counterdrug Program	+ 3,000
Kentucky National Guard Counterdrug and HIDTA Program	+ 3,600
Nevada National Guard CD RAID Program	+ 3,000
New Mexico National Guard Counterdrug Program	+ 2,000
Regional Counterdrug Training Academy, Mississippi	+ 3,000
Northeast Regional Counterdrug Training Center	+ 4,000
Midwest Regional Counterdrug Training Center	+ 5,000
National Guard Counterdrug Support	+ 25,000
TOTAL	+ 56,100

OFFICE OF THE INSPECTOR GENERAL

Appropriations, 2004	\$162,449,000
Budget estimate, 2005	244,562,000
Committee recommendation	244,562,000

The Committee recommends an appropriation of \$244,562,000. This is equal to the budget estimate.

TITLE VII
RELATED AGENCIES

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY
SYSTEM FUND

Appropriations, 2004	\$226,400,000
Budget estimate, 2005	239,400,000
Committee recommendation	239,400,000

The Committee recommends an appropriation of \$239,400,000. This is equal to the budget estimate.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

Appropriations, 2004	\$175,113,000
Budget estimate, 2005	304,355,000
Committee recommendation	319,355,000

The Committee recommends an appropriation of \$319,355,000. This is \$15,000,000 above the budget estimate.

NATIONAL SECURITY EDUCATION TRUST FUND

Appropriations, 2004	\$8,000,000
Budget estimate, 2005	8,000,000
Committee recommendation	8,000,000

The Committee recommends an appropriation of \$8,000,000. This is equal to the budget estimate.

The Committee has reviewed the Department of Defense report (required by Senate Report 108–87) on the long term solvency of the National Security Education Trust Fund, and remains very concerned about the National Security Education Program’s [NSEP] funding status.

The Committee agrees with the report’s conclusion that the Trust Fund will be depleted after fiscal year 2005, and that NSEP should be funded with a direct appropriation from the general fund starting in fiscal year 2006. It is appropriate for NSEP to be funded under the National Defense University line in the Operation and Maintenance, Defense-Wide account.

The Committee directs the Department of Defense to request a direct appropriation from the general fund for NSEP with the fiscal year 2006 budget estimate, and to submit any required legislative language dissolving the Trust Fund.

Finally, the Committee is aware of the Department’s language training transformation initiatives, and directs the Department to develop a comprehensive strategic plan for these efforts. This plan should include a detailed analysis of NSEP’s role in any such transformation, including the congressionally authorized National Flagship Language Initiative, and should set forth the full budgetary requirements for the Department’s language transformation

efforts in the out-years. Further, the Committee directs the Department to report on this plan in writing to the congressional defense committees before presentation of the fiscal year 2006 budget estimate.

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 a provision carried in previous years.

SEC. 8002. *Compensation/Employment of Foreign Nationals.*—Retains a provision carried in previous years.

SEC. 8003. *Obligation Rate of Appropriations.*—Retains a provision carried in previous years.

SEC. 8004. *Obligations in Last 2 Months of Fiscal Year.*—Retains a provision carried in previous years.

SEC. 8005. *Transfers.*—Retains and modifies a provision carried in previous years.

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 includes multiyear contract authority for 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 Installation Notification.*—Retains a provision carried in previous years.

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

SEC. 8013. *Educational Benefits and Bonuses.*—Retains a provision carried in previous years.

SEC. 8014. *Organizational Analysis/Contracting Out.*—Retains and modifies 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/TRICARE Mental Health Benefits.*—Retains a provision carried in previous years.

SEC. 8018. *Residual Value Negotiations.*—Retains a provision carried in previous years.

SEC. 8019. *Demilitarization of Surplus Firearms.*—Retains a provision carried in previous years.

SEC. 8020. *Relocations Into the NCR.*—Retains a provision carried in previous years.

SEC. 8021. *Indian Financing Act Incentives.*—Retains a provision carried in previous years.

SEC. 8022. *A-76 Studies.*—Retains a provision carried in previous years.

SEC. 8023. *American Forces Information Service.*—Retains a provision carried in previous years.

SEC. 8024. *Wage Rate—Civilian Health.*—Retains a provision carried in previous years.

SEC. 8025. *Funding for Grants.*—Retains and modifies a provision carried in previous years.

SEC. 8026. *Native Allotments.*—Includes a new provision regarding native allotments.

SEC. 8027. *Burden Sharing.*—Retains a provision carried in previous years.

SEC. 8028. *Civil Air Patrol.*—Retains and modifies a provision for the Civil Air Patrol.

SEC. 8029. *Federally Funded Research and Development Centers.*—Retains a provision carried in previous years.

SEC. 8030. *Carbon, Alloy, or Armor Steel Plate.*—Retains a provision carried in previous years.

SEC. 8031. *Congressional Defense Committees Definition.*—Retains a provision carried in previous years.

SEC. 8032. *Depot Maintenance Competition.*—Retains a provision carried in previous years.

SEC. 8033. *Reciprocal Trade Agreements.*—Retains a provision carried in previous years.

SEC. 8034. *Energy Cost Savings.*—Retains a provision carried in previous years.

SEC. 8035. *Non-Excess Property Leases.*—Retains a provision carried in previous years.

SEC. 8036. *Army Corps of Engineers.*—Retains a provision carried in previous years.

SEC. 8037. *Young Marines Program.*—Retains a provision carried in previous years.

SEC. 8038. *Overseas Military Facility Investment.*—Retains a provision carried in previous years.

SEC. 8039. *Walking Shield.*—Retains a provision carried in previous years.

SEC. 8040. *Investment Item Unit Cost.*—Retains a provision carried in previous years.

SEC. 8041. *Defense Working Capital Fund/Investment Item.*—Retains a provision made in previous years.

SEC. 8042. *CIA Availability of Funds.*—Retains a provision carried in previous years.

SEC. 8043. *GDIP Information System.*—Retains a provision carried in previous years.

SEC. 8044. *Indian Tribes Environmental Impact.*—Retains a provision carried in previous years.

SEC. 8045. *Compliance With the Buy America Act.*—Retains a provision carried in previous years.

SEC. 8046. *Competition for Consultants and Studies Programs.*—Retains a provision carried in previous years.

SEC. 8047. *Field Operating Agencies*.—Retains a provision carried in previous years.

SEC. 8048. *T-AGOS Transfer*.—Includes a new provision regarding the transfer of T-AGOS vessels.

SEC. 8049. *Rescissions*.—The Committee recommends a general provision rescinding funds from prior years as displayed below:

	Amount
2002 Appropriations:	
Shipbuilding and Conversion, Navy: Cruiser Conversion	\$20,444,000
2004 Appropriations:	
Weapons Procurement, Navy: Cruiser Modernization	15,157,000
Other Procurement, Navy: Cruiser Modernization	54,338,000
Procurement, Defense-Wide: ASDS	23,571,000
Research, Development, Test and Evaluation, Army: MEADS	25,000,000
Research, Development, Test and Evaluation, Defense-Wide:	
Computing and Communications Technology-Language Translation	6,800,000
Operational Systems Development—Management Headquarters	3,300,000
Total rescissions	148,610,000

SEC. 8050. *Civilian Technicians Reductions*.—Retains a provision carried in previous years.

SEC. 8051. *Prohibition on Assistance to North Korea*.—Retains a provision carried in previous years.

SEC. 8052. *National Guard/Duty Compensation*.—Retains a provision carried in previous years.

SEC. 8053. *Reimbursement for Reserve Component Intelligence Personnel*.—Retains a provision carried in previous years.

SEC. 8054. *Civilian Medical Personnel Reductions*.—Retains a provision carried in previous years.

SEC. 8055. *Pentagon Renovation Costs*.—Retains a provision carried in previous years.

SEC. 8056. *Environmental Contracting*.—Retains a provision carried in previous years.

SEC. 8057. *Counter-Drug Activities Transfer*.—Retains a provision carried in previous years.

SEC. 8058. *Energy and Water Efficiency*.—Retains a provision carried in previous years.

SEC. 8059. *Ball and Roller Bearings*.—Retains a provision carried in previous years.

SEC. 8060. *American Samoa Transfer*.—Retains a provision carried in previous years.

SEC. 8061. *Buy American Computers*.—Retains a provision carried in previous years.

SEC. 8062. *Savings Reductions*.—Retains and modifies a provision carried in previous years.

SEC. 8063. *Local Hire in Noncontiguous States*.—Retains a provision carried in previous years.

SEC. 8064. *Transfer to Other Agencies*.—Retains a provision carried in previous years.

SEC. 8065. *Restrictions on Transfer of Equipment and Supplies*.—Retains a provision carried in previous years.

SEC. 8066. *Export Loan Guarantee Program*.—Retains a provision carried in previous years.

SEC. 8067. *Contractor Bonuses Due to Business Restructuring.*—Retains a provision carried in previous years.

SEC. 8068. *Restriction of Funds for Diplomatic Facilities.*—Retains and modifies a provision carried in previous years.

SEC. 8069. *Reserve Peacetime Support to Active Duty and Civilian Activities.*—Retains a provision carried in previous years.

SEC. 8070. *Expired Obligations and Unexpended Balances.*—Retains a provision carried in previous years.

SEC. 8071. *Facilities Maintenance and Repair.*—Retains a provision carried in previous years.

SEC. 8072. *National Guard Distance Learning.*—Retains a provision carried in previous years.

SEC. 8073. *Heating Plants in Europe.*—Retains a provision carried in previous years.

SEC. 8074. *End-Item Procurement.*—Retains a provision carried in previous years.

SEC. 8075. *Sale of F-22 to Foreign Nations.*—Retains a provision carried in previous years.

SEC. 8076. *Buy American Waivers.*—Retains a provision carried in previous years.

SEC. 8077. *Training of Security Forces of a Foreign Country.*—Retains a provision carried in previous years.

SEC. 8078. *Surplus Dental Equipment.*—Retains and modifies a provision carried in previous years.

SEC. 8079. *T-AKE.*—Retains a provision carried in previous years.

SEC. 8080. *RPM Family Housing.*—Retains a provision carried in previous years.

SEC. 8081. *ACTD Project.*—Retains a provision carried in previous years.

SEC. 8082. *Under Secretary of Defense for Intelligence.*—Retains and modifies a provision carried in previous years.

SEC. 8083. *Transportation Working Capital Fund Reductions.*—Retains and modifies a provision carried in previous years.

SEC. 8084. *Information Technology Systems.*—Retains a provision carried in previous years.

SEC. 8085. *Support to Other Government Agencies.*—Retains a provision carried in previous years.

SEC. 8086. *Armor Piercing Ammo.*—Retains a provision carried in previous years.

SEC. 8087. *Leasing Authority for National Guard Bureau.*—Retains a provision carried in previous years.

SEC. 8088. *Alcoholic Beverages.*—Retains a provision carried in previous years.

SEC. 8089. *PMRF Infrastructure.*—Retains a provision carried in previous years.

SEC. 8090. *GPS.*—Retains a provision carried in previous years.

SEC. 8091. *O&M, R&D Defense-Wide Transfers.*—Retains and modifies a provision facilitating the transfer of funds.

SEC. 8092. *Disbursements.*—Retains a provision carried in previous years.

SEC. 8093. *Littoral Combat Ship.*—Includes a new provision restricting the use of funds for the Littoral Combat Ship.

SEC. 8094. *Advisory and Assistance Services*.—Retains and modifies a provision carried in previous years.

SEC. 8095. *Arrow*.—Retains and modifies a provision carried in years.

SEC. 8096. *Coast Guard Aircraft*.—Retains and modifies a provision carried in previous years.

SEC. 8097. *Prior Year Shipbuilding*.—Retains and modifies a provision carried in previous years.

SEC. 8098. *Assignment of Forces*.—Retains a provision carried in previous years.

SEC. 8099. *Special Pay*.—Retains a provision carried in previous years.

SEC. 8100. *Intelligence Authorization*.—Retains and modifies a provision carried in previous years.

SEC. 8101. *Local School Funding/Special Needs Funding*.—Retains and modifies a provision carried in previous years.

SEC. 8102. *New Start Authority*.—Retains and modifies a provision carried in previous years.

SEC. 8103. *Working Capital Fund Cash Balance Reductions*.—Retains and modifies a provision carried in previous years.

SEC. 8104. *Stryker Brigades*.—Retains and modifies a provision carried in previous years.

SEC. 8105. *B-52's*.—Retains and modifies a provision carried in previous years.

SEC. 8106. *Elmendorf Air Force Base*.—Retains and modifies a provision carried in previous years.

SEC. 8107. *Army Tooele Depot*.—Retains a provision carried in previous years.

SEC. 8108. *OCOTF Report*.—Retains a provision carried in previous years.

SEC. 8109. *Ship Cost Adjustment*.—Retains a provision carried in previous years.

SEC. 8110. *OCOTF Budget Justification*.—Retains a provision carried in previous years

SEC. 8111. *Nuclear Armed Interceptors*.—Retains a provision carried in previous years.

SEC. 8112. *Buy America Seafood Waiver*.—Retains and modifies a provision carried in previous years.

SEC. 8113. *Counter-Terrorism Fellowship Program*.—Retains a provision carried in previous years.

SEC. 8114. *53rd Weather Reconnaissance Squadron*.—Retains a provision carried in previous years.

SEC. 8115. *Terrorism Information Awareness Program*.—Retains a provision carried in previous years.

SEC. 8116. *Travel Reduction*.—Retains and modifies a provision carried in previous years.

SEC. 8117. *Contingent Emergency*.—Includes a provision that designates certain amounts as a contingent emergency requirement.

SEC. 8118. *Naval Magazine Lualualei*.—Includes a new provision relating to drainage and flood control.

SEC. 8119. *EHIME MARU*.—Retains a provision carried in previous years.

SEC. 8120. *Naval Military Academy High School*.—Includes a new provision relating to the Naval Military Academy High School.

TITLE IX
CONTINGENT EMERGENCY RESERVE FUND
IRAQ FREEDOM FUND

Budget estimate, 2005 \$25,000,000,000
Committee recommendation 25,000,000,000

The Committee recommends an appropriation of \$25,000,000,000.
This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation, the Committee recommendation, and the Committee recommended adjustments to the budget estimate:

[In thousands of dollars]

Item	2005 budget estimate	Committee recommendation	Change from budget estimate
Military personnel		504,600	+ 504,600
Operation and maintenance		17,595,400	+ 17,595,400
Procurement		2,304,000	+ 2,304,000
Defense Health Program		746,000	+ 746,000
Classified programs		1,250,000	+ 1,250,000
Iraqi Captured Enemy Ammunition		100,000	+ 100,000
Iraq Freedom Fund	25,000,000	2,500,000	- 22,500,000
Total, Title IX	25,000,000	25,000,000	.....

OVERVIEW

On May 12, 2004 the President submitted a budget amendment for the Department of Defense, requesting \$25,000,000,000 in the Iraq Freedom Fund as a contingent emergency reserve. The Department of Defense developed this recommendation following discussions with our commanders in Iraq and Afghanistan. Developments on the ground and uncertainty when Congress would be in session to consider a fiscal year 2005 supplemental indicated that the availability of a reserve fund may be necessary to ensure there is no disruption in funding and resources for our armed forces.

This contingent emergency reserve fund would be available only after a subsequent request by the President that designates all or some of the funds as an emergency and essential to operations in Iraq and Afghanistan. The cost of continued operations of the next year cannot be estimated with precision at this time. The contingent emergency reserve fund would be accessed should there be a need for additional resources. The Committee understands that the Administration plans to submit a full supplemental request in early 2005 when the Department of Defense will have better information on required resources. Until then, the contingent emergency

reserve fund ensures that our troops will have the necessary resources when they need them. Funds spent from the reserve would reduce the cost of a full fiscal year 2005 supplemental request.

COMMITTEE RECOMMENDATION

The Committee fully supports the President's request for a \$25,000,000,000 contingent emergency reserve fund, and commends the Administration for submitting this request. Some level of contingency operations funding is clearly required early in fiscal year 2005, to avoid absorbing the incremental costs of increased military operations by disrupting base programs and forcing the cancellation or deferral of planned operational activities.

The Committee recommends providing \$25,000,000,000, available upon enactment, as a contingent emergency reserve in the Iraq Freedom Fund [IFF]. The Iraq Freedom Fund, a transfer account created by the Congress in the Emergency Wartime Supplemental Appropriations Act, 2003 (Public Law 108-11) provides necessary financial flexibility and ensures proper congressional oversight. By initially providing resources in the IFF, instead of providing resources in established appropriation accounts, the Committee seeks to be consistent with the Administration's request for a contingent emergency reserve fund that would be used only as needed.

After a budget request and required emergency designation by the President, the Committee recommendation would, by directed transfer from the IFF, provide \$22,500,000,000 to established appropriation accounts.

The Committee has maintained a statutory requirements for 5-day advance Congressional notification to Congress before making any transfer from the IFF, and a quarterly reporting requirement on the use of funds.

MILITARY PERSONNEL

The Committee recommends \$504,600,000 for the military personnel accounts. Of this amount, the Committee recommends \$126,600,000 for the purpose of increasing Family Separation Allowance from \$100 to \$250 per month and Imminent Danger Pay from \$150 to \$225 per month. In addition, the Committee recommends \$378,000,000 to support increased Army end strength as provided in S. 2400, National Defense Authorization Act for Fiscal Year 2005. Further, the Committee provides \$227,000,000 within this title to support operation and maintenance costs associated with increased Army end strength.

The following table provides details of the recommendation for the military personnel accounts:

[In thousands of dollars]

	Amount
Military Personnel, Army:	
End strength increase	378,000
Family Separation Allowance increase	32,800
Imminent Danger Pay increase	4,900
Subtotal	415,700

[In thousands of dollars]

	Amount
Military Personnel, Navy:	
Family Separation Allowance increase	27,000
Imminent Danger Pay increase	700
Subtotal	27,700
Military Personnel, Marine Corps:	
Family Separation Allowance increase	13,800
Imminent Danger Pay increase	2,400
Subtotal	16,200
Military Personnel, Air Force:	
Family Separation Allowance increase	28,500
Imminent Danger Pay increase	16,500
Subtotal	45,000
Total, Military personnel	504,600

OPERATION AND MAINTENANCE

The Committee recommends \$17,595,400,000 for the operation and maintenance accounts. Of the total funding in Title IX, the Committee has provided almost three-quarters of the funding in the various operation and maintenance accounts, as these are the accounts most under strain when financing contingency military operations.

These funds are available to fund military operations by the services and Special Operations Forces to include financing flying hours, ship steaming days, ground operations, special airlift missions, increased ship and aircraft maintenance, logistics support, fuel purchases, base support, civilian personnel, personnel support costs, overseas transportation, communications support, facility management and other operation and maintenance requirements.

The following table provides details of the recommendation for the operation and maintenance accounts:

[In thousands of dollars]

	Amount
Operation & Maintenance, Army:	
Incremental wartime operating costs	13,033,100
Rapid Fielding Initiative (RFI)	390,300
Interceptor Body Armor	295,000
End strength increase	227,000
Upper body deltoid protection	39,600
Family Readiness Program	15,000
Subtotal	14,000,000
Operation & Maintenance, Navy:	
Incremental wartime operating costs	500,000
Subtotal	500,000
Operation & Maintenance, Marine Corps:	
Incremental wartime operating costs	2,100,000
Interceptor Body Armor	100,000

[In thousands of dollars]

	Amount
Subtotal	2,200,000
Operation & Maintenance, Air Force:	
Incremental wartime operating costs	200,000
Subtotal	200,000
Operation & Maintenance, Defense-Wide:	
Military operations costs	150,000
Combat support activities for DLA, DTRA, and DISA	545,400
Subtotal	695,400
Total, Operation & maintenance	17,595,400

Reservists Pay Security Act of 2004.—The Committee recognizes that S. 2400, National Defense Authorization Act for Fiscal Year 2005, includes the Reservists Pay Security Act of 2004. This provides for a nonreduction in pay while a Federal employee is mobilized to perform active service as a member of the National Guard or Reserve. Should this provision be adopted in the conference on the defense authorization bill, the Committee directs the Department of Defense to absorb the costs of this new civilian personnel benefit from within funds provided.

PROCUREMENT

The Committee recommends \$2,304,000,000 for the procurement accounts. Of this amount, the Committee recommends \$1,750,000,000 to fund the Army's most urgently required procurement needs, including improving force protection, accelerating Army modularity, and procuring essential equipment and munitions. In addition, the Committee recommends \$554,000,000 to fund the Marine Corps' most urgently required procurement needs, including improving force protection, and procuring essential equipment and munitions.

The following table provides details of the recommendation for the procurement accounts:

[In thousands of dollars]

	Amount
Procurement of Weapons and Tracked Combat Vehicles, Army:	
Rapid Fielding Initiative	150,000
WTCV, Modularity	125,000
XM-8 Assault Weapon, Modularity	13,000
Weapons, Modularity	25,000
Subtotal	313,000
Procurement of Ammunition, Army:	
Small arms ammunition expended	150,000
Subtotal	150,000
Other Procurement, Army:	
Rapid Response Force Protection Initiative	865,000
Joint Network Nodes	247,000
Rapid Fielding Initiative [RFI]	122,000

[In thousands of dollars]

	Amount
EOD Robots	25,000
REF Improvised Explosive Device (IED) Initiative	25,000
Predator SATCOM upgrades	3,000
Subtotal	1,287,000
Subtotal, Army procurement	1,750,000
Aircraft Procurement, Navy:	
CH-53 T64 engine government reliability improvement	40,000
Aircraft Survivability Equipment	34,000
EA-6B readiness and sustainment	25,000
CH-46 engine reliability improvement program (ERIP)	5,000
Subtotal	104,000
Procurement of Ammunition, Navy & Marine Corps:	
Ammunition expended	109,000
Flares, aircraft survivability	11,000
Subtotal	120,000
Procurement, Marine Corps:	
Vehicle hardening	240,000
Unfunded requirements	90,000
Subtotal	330,000
Subtotal, Marine Corps procurement	554,000
Total, Procurement	2,304,000

Rapid Response Force Protection Initiative.—The Committee notes with great interest the recent increase in spending for Up Armored High Mobility Multi-purpose Wheeled Vehicles [UAHs]. The Committee also believes that an increased buy of UAHs is not the only solution to increased protection for our deployed soldiers in the field. In the interest of expanding force protection options at the disposal of theater commanders, the Committee strongly encourages the Army to explore increased flexibility with regard to force protection. For example, individual situations may warrant different responses in the way of armored protection for deployed soldiers. Additional convoy protection may be best served by not only one single variant of armored vehicle, but by a combination of both heavy and light vehicles. These vehicles may include UAHs, armored personnel carriers (M-113A2/3) with armor kits, bolt-on armor kits, applied up-armoring systems, armored cabs, or armored security vehicles [ASV]. Therefore, the Committee recommends an additional \$865,000,000 to be used by the Army for the purpose of rapid response to force protection. It is the intent of the Committee that this appropriation shall be used to purchase and modify such vehicles as are needed to respond rapidly and dynamically to the threat presented due to IEDs and mortar attacks currently experienced by deployed U.S. forces. Such procurements shall include UAHs, armor bolt-on kits for M-113A2/3 armored personnel carriers, bolt-on armor kits, applied up-armoring systems, armored cabs, or armored security vehicles. The Secretary of the Army shall

provide a report to the congressional defense committees detailing all expenditures made using these funds.

DEFENSE HEALTH PROGRAM

The Committee recommends \$746,000,000 for the Defense Health Program. These funds are for incremental wartime operating expenses in the military medical system, including additional health care costs that result from mobilizing members of the reserve components. Also, the recommendation provides funds for 5 months of enhanced TRICARE benefits for members of the National Guard and Reserve as included in S. 2400, National Defense Authorization Act for Fiscal Year 2005. These enhanced benefits include the extension of pre-deployment and post-deployment eligibility for TRICARE, and the enrollment of non-active duty status reservists into TRICARE on a cost sharing basis.

CLASSIFIED PROGRAMS

The Committee recommends \$1,250,000,000 for classified programs, described in further detail in the classified annex.

IRAQI CAPTURED ENEMY AMMUNITION

The Committee recommends \$100,000,000 for the purpose of securing and destroying conventional munitions in Iraq.

As of June 11, 2004, approximately 340,000 tons of enemy ammunition have been discovered in Iraq and Coalition Forces are discovering additional weapons caches on almost a daily basis. Currently, captured ammunition is stored at 58 sites throughout the country. Of these sites, there are 15 secured sites and 43 partially secured sites. The Committee is extremely concerned about reports that weapons, ammunition and explosives at many of the partially secured sites are easily accessible to enemy combatants that have the means to load and transport them. To address this serious issue, the Committee provides \$100,000,000 to consolidate, secure, demilitarize and account for Captured Enemy Ammunition [CEA] in Iraq. The Department of Defense should consult with the Iraqi Interim Government to ensure that this initiative is fully coordinated between the two countries. In addition, the Committee directs the Director of the Office of Management in Budget [OMB] to conduct an inter-agency review to assess and establish the best approaches and identify innovative technology solutions for accomplishing the goal of securing and demilitarizing CEA in Iraq. This review is to be conducted in consultation with the Chairman of Joint Chiefs of Staff and other Executive Branch Agencies. Further, the Committee directs OMB to report the findings of this review to the congressional defense committees no later than November 15, 2004.

FUNDING SHORTFALLS

The Committee understands the tremendous financial burden the Global War on Terrorism has placed upon the Department and recommends that of the funds provided in Title IX up to \$740,000,000 may be used for the Defense Working Capital Funds to address increased fuel costs, up to \$100,000,000 may be used to

purchase equipment for the National Guard and Reserve, and up to \$100,000,000 may be used for United States Coast Guard operations in support of the Department of Defense in Iraq and Afghanistan.

REPORTING REQUIREMENTS

The Committee is disappointed by the responsiveness of the Defense Department in reports required under Public Law 108–11, Public Law 108–106, and Public Law 108–87. While recent reporting has been better, on balance, the reports lack details and arrive significantly later than required. Many are still outstanding. Reports such as the quarterly reports for the Iraq Freedom Fund and quarterly reports for the Commanders Emergency Response Fund have lacked sufficient detail for the Committees' oversight responsibilities.

Therefore, the Committee directs the Department to include meaningful detail beyond the appropriation account and sub-activity group to describe the purposes and specific use of funding in all reports submitted to the Committee. The Committee expects that these reports will be completed and delivered to the Committee by the proposed due dates and the reports will detail the projects, operations, equipment, personnel, and benefits funded through these accounts.

GENERAL PROVISIONS, TITLE IX

SEC. 9001. *Funds for Support of Coalition Forces.*—Retains and modifies a provision carried in previous years.

SEC. 9002. *Funds for Assistance to Iraqi and Afghan Armies.*—Modifies a provision carried in previous years.

SEC. 9003. *Commander's Emergency Response Program.*—Retains a provision that provides authority for the CERP.

SEC. 9004. *Afghan Freedom Support Act.*—Retains and modifies a provision carried in previous years.

SEC. 9005. *New Starts.*—Retains and modifies a provision carried in previous years.

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.”

At the point when the Committee reports this measure, the Congress has not completed action on the Fiscal Year 2005 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, on June 22, 2004, the Committee ordered reported S. 2559, an original bill making appropriations for the Department of Defense for the fiscal year ending September 30, 2005, subject to amendment, by a unanimous voice vote, a quorum being present.

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.”

With respect to this bill, it is the opinion of the Committee that it is necessary to dispense with these requirements in order to expedite the business of the Senate.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2004 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
 FOR FISCAL YEAR 2005
 [In thousands of dollars]

Item	2004 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2004 appropriation	Budget estimate
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army	28,247,667	29,723,472	29,457,797	+ 1,210,130	- 265,675
Military Personnel, Navy	23,217,298	24,459,957	24,330,171	+ 1,112,873	- 129,786
Military Personnel, Marine Corps	8,971,897	9,595,902	9,567,768	+ 595,871	- 28,134
Military Personnel, Air Force	22,910,868	24,510,811	24,165,011	+ 1,254,143	- 345,800
Reserve Personnel, Army	3,568,725	3,733,590	3,675,390	+ 106,665	- 58,200
Reserve Personnel, Navy	2,002,727	2,171,632	2,132,432	+ 129,705	- 39,200
Reserve Personnel, Marine Corps	571,444	654,973	624,973	+ 53,529	- 30,000
Reserve Personnel, Air Force	1,288,088	1,464,050	1,458,650	+ 170,562	- 5,400
National Guard Personnel, Army	5,500,369	5,950,729	5,913,329	+ 412,960	- 37,400
National Guard Personnel, Air Force	2,174,598	2,546,442	2,543,892	+ 369,294	- 2,550
Total, title I, Military Personnel	98,453,681	104,811,558	103,869,413	+ 5,415,732	- 942,145
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army ¹	25,029,346	26,133,411	25,705,109	+ 675,763	- 428,302
Operation and Maintenance, Navy	28,146,658	29,789,190	29,591,679	+ 1,445,021	- 197,511
Operation and Maintenance, Marine Corps	3,440,323	3,632,115	3,617,473	+ 177,150	- 14,642
Operation and Maintenance, Air Force	26,904,731	28,471,260	28,282,160	+ 1,377,429	- 189,100
Operation and Maintenance, Defense-Wide	16,226,841	17,494,076	17,552,314	+ 1,325,473	+ 58,238
Operation and Maintenance, Army Reserve	1,998,609	2,008,128	1,979,038	- 19,571	- 29,090
Operation and Maintenance, Navy Reserve	1,172,921	1,240,038	1,244,838	+ 71,917	+ 4,800
Operation and Maintenance, Marine Corps Reserve	173,952	188,696	188,696	+ 14,744	.....
Operation and Maintenance, Air Force Reserve	2,179,388	2,239,790	2,200,790	+ 21,402	- 39,000
Operation and Maintenance, Army National Guard ¹	4,340,581	4,440,686	4,372,436	+ 31,855	- 68,250
Operation and Maintenance, Air National Guard	4,431,216	4,422,838	4,454,238	+ 23,022	+ 31,400

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2004 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2005—Continued
(In thousands of dollars)

Item	2004 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2004 appropriation	Budget estimate
Overseas Contingency Operations Transfer Fund	5,000	30,000	30,000	+ 25,000	.....
United States Court of Appeals for the Armed Forces	10,333	10,825	10,825	+ 492	.....
Environmental Restoration, Army	396,018	400,948	566,948	+ 170,930	+ 166,000
Environmental Restoration, Navy	256,153	266,820	447,820	+ 191,667	+ 181,000
Environmental Restoration, Air Force	384,307	397,368	397,368	+ 13,061	.....
Environmental Restoration, Defense-Wide	24,081	23,684	23,684	- 397	.....
Environmental Restoration, Formerly Used Defense Sites	284,619	216,516	276,516	- 8,103	+ 60,000
Overseas Humanitarian, Disaster, and Civic Aid	59,000	59,000	59,000	.....	.....
Former Soviet Union Threat Reduction	450,800	409,200	409,200	- 41,600	.....
Total, title II, Operation and maintenance	115,914,877	121,874,589	121,410,132	+ 5,485,255	- 464,457
TITLE III					
PROCUREMENT					
Aircraft Procurement, Army ¹	2,154,035	2,658,241	2,653,241	+ 499,206	- 5,000
Missile Procurement, Army ¹	1,505,462	1,398,321	1,378,321	- 127,141	- 20,000
Procurement of Weapons and Tracked Combat Vehicles, Army	1,857,054	1,639,695	1,698,695	- 138,359	+ 59,000
Procurement of Ammunition, Army ¹	1,387,759	1,556,902	1,606,502	+ 218,743	+ 49,600
Other Procurement, Army ¹	4,774,452	4,240,896	4,685,846	- 88,606	+ 444,950
Aircraft Procurement, Navy	9,110,848	8,767,867	8,899,367	- 211,481	+ 131,500
Weapons Procurement, Navy	2,095,784	2,101,529	2,222,620	+ 126,836	+ 121,091
Procurement of Ammunition, Navy and Marine Corps	934,905	858,640	881,140	- 53,765	+ 22,500
Shipyards and Conversion, Navy	11,467,623	9,962,027	10,171,643	- 1,295,980	+ 209,616
Other Procurement, Navy	4,941,098	4,834,278	4,797,025	- 144,073	- 37,253
Procurement, Marine Corps	1,165,727	1,190,103	1,266,803	+ 101,076	+ 76,700
Aircraft Procurement, Air Force	12,086,201	13,163,174	13,547,524	+ 1,461,323	+ 384,350
Missile Procurement, Air Force	4,165,633	4,718,313	4,609,213	+ 443,580	- 109,100
Procurement of Ammunition, Air Force	1,262,725	1,396,457	1,353,859	+ 91,134	- 42,598
Other Procurement, Air Force	11,558,799	13,283,557	13,284,897	+ 1,726,098	+ 1,340

Procurement, Defense-Wide	3,709,926	2,883,302	2,867,303	- 842,623	- 15,999
National Guard and Reserve Equipment	400,000	.....	500,000	+ 100,000	+ 500,000
Defense Production Act Purchases	78,016	9,015	42,515	- 35,501	+ 33,500
Total, title III, Procurement	74,656,047	74,662,317	76,466,514	+ 1,810,467	+ 1,804,197
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army ¹	10,363,941	9,266,258	10,308,804	- 55,137	+ 1,042,546
Research, Development, Test and Evaluation, Navy	15,146,383	16,346,391	16,748,035	+ 1,601,652	+ 401,644
Research, Development, Test and Evaluation, Air Force	20,500,984	21,114,667	21,002,308	+ 501,324	- 112,359
Research, Development, Test and Evaluation, Defense-Wide	18,900,715	20,739,837	20,404,563	+ 1,503,848	- 335,274
Operational Test and Evaluation, Defense	305,861	305,135	305,135	- 726	.....
Total, title IV, Research, Development, Test and Evaluation	65,217,884	67,772,288	68,768,845	+ 3,550,961	+ 996,557
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds:	219,300	184,056	184,056	- 35,244	.....
Working Capital Fund, Army	130,446	65,385	65,385	- 65,061	.....
Working Capital Fund, Navy .....	.....	81,089	81,089	+ 81,089	.....
Working Capital Fund, Air Force	202,515	180,417	180,417	- 22,098	.....
Working Capital Fund, Defense-Wide	1,089,246	1,174,939	1,174,939	+ 85,693	.....
Total, Defense Working Capital Funds	1,641,507	1,685,886	1,685,886	+ 44,379	.....
National Defense Sealift Fund: Ready Reserve Force	1,066,462	1,269,252	441,936	- 624,526	- 827,316
Total, title V, Revolving and Management Funds	2,707,969	2,955,138	2,127,822	- 580,147	- 827,316
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program:	14,914,816	17,203,369	17,299,369	+ 2,384,553	+ 96,000
Operation and maintenance	328,826	364,635	366,235	+ 37,409	+ 1,600
Procurement	486,371	72,407	399,207	- 87,164	+ 326,800
Research, development, test and evaluation .....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2004 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
 FOR FISCAL YEAR 2005—Continued
 (In thousands of dollars)

Item	2004 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2004 appropriation	Budget estimate
Total, Defense Health Program	15,730,013	17,640,411	18,064,811	+ 2,334,798	+ 424,400
Chemical Agents & Munitions Destruction, Army:					
Operation and maintenance	1,169,168	1,138,801	1,088,801	- 80,367	- 50,000
Procurement	79,212	78,980	78,980	- 232	.....
Research, development, test and evaluation	251,881	154,209	206,209	- 45,672	+ 52,000
Total, Chemical Agents 2	1,500,261	1,371,990	1,373,990	- 126,271	+ 2,000
Drug Interdiction and Counter-Drug Activities, Defense	835,616	852,697	908,797	+ 73,181	+ 56,100
Office of the Inspector General:					
Operation and maintenance	160,049	242,362	242,362	+ 82,313	.....
Procurement	2,100	2,100	2,100	.....	.....
Research, development, test and evaluation	300	100	100	- 200	.....
Total, Office of the Inspector General	162,449	244,562	244,562	+ 82,113	.....
Total, title VI, Other Department of Defense Programs	18,228,339	20,109,660	20,592,160	+ 2,363,821	+ 482,500
TITLE VII					
RELATED AGENCIES					
Central Intelligence Agency Retirement and Disability System Fund	226,400	239,400	239,400	+ 13,000	.....
Intelligence Community Management Account	175,113	304,355	319,355	+ 144,242	+ 15,000
Transfer to Department of Justice	(44,300)	(34,911)	(34,911)	(- 9,389)	.....
Payment to Kaho'olawe Island Conveyance, Remediation, and Environmental Restoration Fund	18,430	.....	.....	- 18,430	.....
National Security Education Trust Fund	8,000	8,000	8,000	.....	.....
Total, title VII, Related agencies	427,943	551,755	566,755	+ 138,812	+ 15,000

TITLE VIII GENERAL PROVISIONS						
General transfer authority (Sec. 8005)	(2,100,000)	(4,000,000)	(4,000,000)	(4,000,000)	(+ 1,900,000)	+8,000
Indian Financing Act incentives (Sec. 8021)	8,000			8,000		+ 33,000
Various grants (Sec. 8025)				33,000		+2,500
Olihtok point acquisition (Sec. 8026)				2,500		- 74,200
FFRDCs (Sec. 8029)	- 74,200			- 74,200		
Disposal & lease of DOD real property (Sec. 8035)	31,000		25,000	25,000		
Overseas Mil Fac Invest Recovery (Sec. 8038)	1,331		1,000	1,000		- 331
Rescissions (Sec. 8049)	- 325,560			- 148,610		- 148,610
Revised Economic Assumptions (Sec. 8062)	- 1,662,000			- 835,000		- 835,000
Working Capital Funds Cash Balance (Sec. 8083)	- 372,000			- 300,000		- 300,000
Travel Cards	44,000		44,000			- 44,000
Intrepid Sea Air Space Foundation	34,950					
Fisher House	3,800					
Advisory and assistance services (Sec. 8094)	- 504,500			- 500,000		- 500,000
Coast Guard transfer:						
Defense function (Sec. 8096)						
IT cost growth reduction	- 200,000			40,000		+ 40,000
Working Capital Funds Excess Carryover	- 44,000					+ 200,000
Ctr for Mil Recruiting Assessment & Vet Emp	5,500					+ 44,000
Transportation Working Capital Fund	- 451,000					- 5,500
Special needs students (Sec. 8101)	5,500			5,500		+ 451,000
Fort Irwin education	17,000					- 17,000
Iraqi freedom fund (rescission)	- 3,490,000					+ 3,490,000
Contract offsets						
Withholds/Taxes provision						
Ship transfer authority						
Tanker replacement transfer fund						
Unobligated balances (Sec. 8103)				- 808,100		- 808,100
Travel costs (Sec. 8116)				- 97,331		- 97,331
Military Personnel reduction (Sec. 8117)				- 7,158,000		- 7,158,000
Military Personnel (contingent emergency appropriations) (Sec. 8117)				7,158,000		+ 7,158,000
Total, title VIII, General Provisions	- 6,972,179	70,000	- 2,648,241	+ 4,323,938		- 2,718,241

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2004 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
 FOR FISCAL YEAR 2005—Continued
 [In thousands of dollars]

Item	2004 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2004 appropriation	Budget estimate
TITLE IX					
CONTINGENT OPERATIONS					
Military Personnel					
Military Personnel, Army (contingent operations)					
Military Personnel, Navy (contingent operations)					
Military Personnel, Marine Corps (contingent ops)					
Military Personnel, Air Force (contingent operations)					
Total, Military Personnel					
Operation and Maintenance					
Operation & Maintenance, Army (contingent operations)					
Operation & Maintenance, Navy (contingent operations)					
Operation & Maintenance, Marine Corps (contingent ops)					
Operation & Maintenance, Air Force (contingent ops)					
Operation & Maintenance, Defense-Wide (contingent ops)					
Iraq Freedom Fund:					
(Contingent emergency) (incl. transfer authority)		25,000,000	25,000,000	+25,000,000	
(Contingent operations)					
Additional transfer authority (contingent emerg)					
Total, Operation and Maintenance		25,000,000	25,000,000	+25,000,000	
Procurement					
Missile Procurement, Army (contingent operations)					
Procurement of Weapons and Tracked Combat Vehicles, Army (contingent operations)					
Procurement of Ammunition, Army (contingent operations)					
Other Procurement, Army (contingent operations)					

Aircraft Procurement, Navy (contingent operations)							
Procurement of Ammunition, Navy and Marine Corps (contingent operations)							
Procurement, Marine Corps (contingent operations)							
Other Procurement, Air Force (contingent operations)							
Procurement, Defense-Wide (contingent operations)							
National Guard and Reserve Equipment (contingent opera							
Total, Procurement							
Revolving and Management Funds							
Defense Working Capital Funds (contingent operations)							
Total, Revolving and Management Funds							
Other Department of Defense Programs							
Defense Health Program (contingent operations)							
Total, Other Department of Defense Programs							
Additional transfer authority (contingent operations)							
Total, Title IX, Contingent Operations ³		25,000,000	25,000,000	25,000,000	25,000,000	+25,000,000	
Total for the bill (net)	368,634,561	417,807,305	416,153,400	416,153,400	417,518,839	-1,653,905	
OTHER APPROPRIATIONS							
Emergency Supplemental, Defense, Iraq and Afghanistan, 2004 (Public Law 108-106)	64,706,554					-64,706,554	
Additional transfer authority (sec. 1101) (emerg)	(3,000,000)					(-3,000,000)	
Consolidated appropriations (by transfer) (Public Law 108-199)	(74,600)					(-74,600)	
Additional transfer authority (Sec. 114)	(120,000)					(-120,000)	
Rescissions	-1,800,000					+1,800,000	
Net grand total (including other appropriations)	431,541,115	417,807,305	416,153,400	416,153,400	-15,387,715	-1,653,905	

¹ Includes Budget Amendment (H. Doc. 108-170) which realigns \$1,217,538,000 for the termination of the Comanche Helicopter program, of which \$30,000,000 was reallocated to MII. Construction, Army National Guard.

² Included in Budget under Procurement title.

³ Includes Budget Amendment (H. Doc. 108-185) which establishes a \$25 billion Contingent Emergency Reserve Fund for operations in Iraq and Afghanistan only 2005.