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DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2016

—————
JUNE 11, 2015.—Ordered to be printed

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

REPORT

[To accompany S. 1558]

The Committee on Appropriations reports the bill (S. 1558) making appropriations for the Department of Defense for the fiscal year ending September 30, 2016, and for other purposes, reports favorably thereon and recommends that the bill do pass.

New obligatory authority

Total of bill as reported to the Senate	\$569,841,694,000
Amount of 2015 appropriations	547,753,288,000
Amount of 2016 budget estimate	571,719,613,000
Bill as recommended to Senate compared to—	
2015 appropriations	+ 22,088,406,000
2016 budget estimate	- 1,877,919,000

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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, 2015, through September 30, 2016. 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 5, 2015, and concluded them on June 18, 2015, after 11 separate sessions. The subcommittee heard testimony from representatives of the Department of Defense.

SUMMARY OF THE BILL

The Committee recommendation of \$569,841,694,000 includes funding to develop, maintain, and equip the military forces of the United States and for other purposes in nonemergency appropriations.

The fiscal year 2016 budget request for activities funded in the Department of Defense appropriations bill totals \$571,719,613,000 in new budget authority, including \$50,949,561,000 in contingency funding for the Department of Defense and \$514,000,000 in mandatory spending.

In fiscal year 2015, the Congress appropriated \$547,753,288,000 for activities funded in this bill. This amount includes \$483,705,993,000 in base appropriations, \$112,000,000 in emergency appropriations and \$63,935,295,000 in overseas contingency operations appropriations. The Committee recommends that funds requested for Coast Guard overseas contingency operations be appropriated directly to the Department of Homeland Security.

The Committee recommendation in this bill is \$22,088,406,000 above the amount provided in fiscal year 2015 and \$1,877,919,000 below the amount requested for fiscal year 2016.

COMMITTEE RECOMMENDATIONS

The following table displays the recommendations for each title:

[In thousands of dollars]

	Fiscal year 2015 enacted	Fiscal year 2016 estimate	Committee recommendation
Title I—Military Personnel	128,004,618	130,491,227	129,442,113
Title II—Operation and Maintenance	161,655,679	176,517,228	139,169,199

[In thousands of dollars]

	Fiscal year 2015 enacted	Fiscal year 2016 estimate	Committee recommendation
Title III—Procurement	93,835,072	106,914,372	109,813,734
Title IV—Research, development, test and evaluation	63,713,275	69,784,963	70,324,687
Title V—Revolving and management funds	2,134,480	1,786,732	2,253,732
Title VI—Other Department of Defense programs	34,144,557	34,230,507	34,293,892
Title VII—Related agencies	1,021,600	1,044,023	1,027,923
Title VIII—General provisions (net)	— 803,288	1,000	— 3,351,838
Title IX—Overseas Contingency Operations	63,935,295	50,949,561	86,868,252
Title X—Ebola Response and Preparedness, Department of Defense	112,000	.....	.....
Net grand total	547,753,288	571,719,613	569,841,694
Total discretionary (incl. scorekeeping adjustments)	554,193,988	577,877,613	575,999,694

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 S. 1376, the National Defense Authorization Act for Fiscal Year 2016, as reported.

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

CLASSIFIED PROGRAM ADJUSTMENTS

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

DEFINITION OF PROGRAM, PROJECT AND ACTIVITY

For the purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99–177), as amended by the Balanced Budget and Emergency Deficit Control Reaffirmation Act of 1987 (Public Law 100–119), and by the Budget Enforcement Act of 1990 (Public Law 101–508), the terms “program, project, and activity” for appropriations contained in this act shall be defined as the most specific level of budget items identified in the Department of Defense Appropriations Act, 2016, the related classified annexes and Committee reports, and P–1 and R–1 budget justification documents as subsequently modified by congressional action.

The following exception to the above definition shall apply: the military personnel and the operation and maintenance accounts, for which the term “program, project, and activity” is defined as the appropriations accounts contained in the Department of Defense Appropriations Act.

At the time the President submits the budget request for fiscal year 2017, the Secretary of Defense is directed to transmit to the congressional defense committees budget justification documents to

be known as the “M-1” and “O-1” which shall identify, at the budget activity, activity group, and sub-activity group level, the amounts requested by the President to be appropriated to the Department of Defense for military personnel and operation and maintenance in any budget request, or amended budget request, for fiscal year 2017.

REPROGRAMMING GUIDANCE

The Secretary of Defense is directed to continue to follow the reprogramming guidance for acquisition accounts as specified in the report accompanying the House version of the Department of Defense appropriations bill for fiscal year 2008 (House Report 110-279). For operation and maintenance accounts, the Secretary of Defense shall continue to follow the reprogramming guidelines specified in the conference report accompanying H.R. 3222, the Department of Defense Appropriations Act for Fiscal Year 2008. The dollar threshold for reprogramming funds shall remain at \$10,000,000 for military personnel; \$15,000,000 for operation and maintenance; \$20,000,000 for procurement; and \$10,000,000 for research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees annual DD Form 1416 reports for titles I and II and quarterly, spreadsheet-based DD Form 1416 reports for service and defense-wide accounts in titles III and IV of this act. Reports for titles III and IV shall comply with guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act for Fiscal Year 2006. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a military personnel (M-1), an operation and maintenance (O-1), a procurement (P-1), or a research, development, test and evaluation (R-1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

COMMITTEE INITIATIVES

The Committee has included funding above the President’s budget request for several programmatic initiatives which the Committee believes are of inherent value for national defense. In several cases, funds are restored for programs which were included in previous Department of Defense budget requests, and for programs that the Committee believes are necessary to improve the U.S. defense posture even though they have not been included under the request formulated by the Department of Defense.

For instance, the Committee’s hearings with the military Services and the Department’s leadership highlighted the risk to main-

taining the U.S. technological edge under sequester-level budgets. Therefore, the Committee recommends increases to sustain U.S. technological superiority such as fifth generation aircraft, the Technology Offset Initiative, Cyber Vulnerability Assessments and the Unmanned Carrier-Launched Airborne Surveillance and Strike System [UCLASS]. In addition, the Committee recommends funding to increase readiness, sustain U.S. force structure and maintain our industrial base. Finally, the Committee recommends increases in basic research, alternative energy and science and technology funding, which are the foundation for enhancing future technological superiority. The Committee also recommends funding for programs that are chronically underfunded, such as the Defense Production Act and National Guard and Reserve equipment purchases.

The Committee directs that funds for these initiatives are to be competitively awarded or provided to programs that have received competitive awards in the past.

NAVY MODERNIZATION PRIORITIES

The fiscal year 2016 President's budget requests \$17,885,916,000 for Research, Development, Test and Evaluation, Navy, an increase of \$1,927,456,000 over amounts appropriated for fiscal year 2015. While a significant portion of this increase can be attributed to programs of record as they mature and progress through the acquisition cycle, such as the *Ohio* Class Replacement program, the Presidential helicopter replacement program and the Marine Corps' Amphibious Combat Vehicle program, the Committee notes that the fiscal year 2016 request includes no less than \$151,563,000 for 13 new start programs and \$331,000,000 for several programs that the Navy proposes to initiate via directive letters, rapid fielding efforts or by adding scope to previously approved efforts. These initiatives are expected to require at least \$2,700,000,000 for additional development over the next 5 years. The Committee notes that in some instances, programs initiated outside of the regular acquisition process have replaced previously planned programs of record that would have been subject to a full vetting of requirements and competitive acquisitions. Further, the Committee notes that the Navy is investing modernization funds in programs that have only recently transitioned from development into production, such as the MQ-4C Triton Unmanned Aerial Vehicle, the E-2D Hawkeye Airborne Early Warning Aircraft, or the P-8 Poseidon Multi-mission Maritime Aircraft, while neglecting to invest in the modernization of existing and high-demand fleet assets, such as *Ticonderoga* class guided missile cruisers, or in the acquisition of self-described current and future warfighter needs, such as tactical fighter aircraft.

The Committee is concerned that the fiscal year 2016 budget request continues a trend by the Navy to submit budgets to the Congress that accept undue risk in programs deemed by the Navy to be critical, with the expectation that the congressional appropriations committees will fund these programs within its budget allocation for the Department of Defense. For instance, in fiscal year 2016, the Navy did not fund the continued procurement of tactical fighter aircraft, despite awareness of readiness shortfalls. In fiscal year 2015, the Navy removed all funds required to retain and mod-

ernize CVN 73, USS *George Washington*, from its budget not only in clear contravention of Public Law, but also in direct conflict with Navy leadership priorities identified to the Committee. In fiscal year 2013, the Navy submitted a budget that removed funding for a *Virginia* class submarine previously included in a ten-ship multi-year procurement plan.

As a result of these budgetary maneuvers, the Committee must question whether budget requests from the Navy accurately reflect the service's most important priorities. This is particularly concerning with major acquisitions looming on the horizon, most significantly the *Ohio* Class replacement program. The *Ohio* Class replacement is an indispensable component of the Nation's nuclear triad, but the program's acquisition costs are expected to exceed \$135,000,000,000, with the first ship of the class scheduled for procurement in fiscal year 2021. The Navy has raised concerns about affordability of this ship within its total obligational authority, and has endorsed proposals for funding mechanisms that appear to be unprecedented. The Committee notes that the Department of Defense has not requested, nor appears to be considering, alternative funding mechanisms for other acquisition programs estimated to be of equal or greater cost: the ballistic missile defense system and the F-35 Joint Strike Fighter.

The Committee recommendation includes \$1,390,663,000 in the Research, Development, Test and Evaluation, Navy appropriation for continued development of the *Ohio* Class replacement, as requested by the Navy. The Committee recommendation does not include any new transfer authority or similar proposal in relation to alternative funding mechanisms for the *Ohio* Class replacement. The Committee believes that support for shipbuilding programs, including the *Ohio* Class replacement, is an imperative for the future of the Navy, as evidenced by the recommendation's significant funding increases within the Shipbuilding and Conversion, Navy appropriation. The Committee welcomes an ongoing dialogue with the Department of the Navy and the Department of Defense, as well as the other services, on prioritizing funding for modernization programs which are indispensable to the defense of this Nation.

JOINT STRIKE FIGHTER [JSF]

Joint Strike Fighter [JSF] Production.—The Committee remains encouraged by many aspects of the JSF program. Thirty-six aircraft were delivered in 2014 as planned. The Marine Corps is scheduled to meet its Initial Operational Capability goal in 2015. The unit prices for each variant, the Air Force F-35A, the Marine Corps F-35B, and the Navy F-35C, continue to decline. Finally, the Department prudently responded to the engine failure last year and the temporary restrictions on flying have been lifted. Given these developments, the services' unfunded priority lists, and to further accelerate unit cost decreases, the Committee recommends adding \$846,000,000 for six additional Marine Corps aircraft and \$392,000,000 for four additional Air Force aircraft.

The Committee notes that while the unit costs for each variant are decreasing, the Department is still budgeting at a higher unit cost. For example, the Air Force budgets \$100,500,000 per aircraft, but the Selected Acquisition Report [SAR] specifies a target price

of approximately \$98,000,000. Similar trends are apparent in the Navy and Marine Corps budgets as well. As a result, the Committee recommends reducing the Air Force request by \$114,400,000; the Marine Corps request by \$20,700,000, and the Navy request by \$14,400,000.

Congress appropriated \$483,200,000, as requested, for annualized sustainment for fiscal year 2014 and 2015 in the services' procurement accounts. The contracts have been delayed and the funding has not been awarded. In addition, the services are requesting \$566,000,000 in fiscal year 2016 for annualized sustainment with planned award at the end of the fiscal year. The Committee is concerned with these large unobligated balances and recommends a reduction of \$380,000,000.

Joint Strike Fighter [JSF] Sustainment.—The Committee remains concerned with the life cycle or operations and support [O&S] costs of the JSF program. The JSF program is the Department of Defense's most costly and ambitious program, totaling about \$1,000,000,000,000 to operate and support over its lifetime. Officials from the Office of Secretary of Defense [OSD] have stated that the current sustainment strategy is not affordable. GAO reported that the current estimates of JSF lifecycle costs are higher than the current O&S costs of the existing aircraft the F-35 will replace.

In December 2013, the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics [OUSD(AT&L)] provided the Committee a report titled "F-35 Engineering Workforce, Supply Chain Management, Sustainment Affordability and Cost Drivers." The report was a comprehensive review of operations and sustainment and the program's current affordability. The Committee directs the Under Secretary of Defense (AT&L), in conjunction with the JSF Program Executive Officer, to update this report and identify areas to better integrate O&S cost analysis into day-to-day investment decisions.

Lastly, the Committee understands that OSD's Cost Assessment and Program Evaluation [CAPE] office does not plan to complete an updated estimate of lifecycle O&S costs until 2018. OSD CAPE's most recent O&S estimate from 2014 totaled \$1,016,000,000,000, unchanged from its 2013 estimate, and exceeded the JSF Joint Program Office's [JPO] estimate by \$157,000,000,000. The Committee directs the CAPE Director to provide congressional defense committees, not later than 90 days after enactment of this act, an updated estimate of JSF O&S costs.

Joint Strike Fighter [JSF] Follow-on Development.—The Department requests \$217,272,000, an increase of 378 percent over the fiscal year 2015 enacted level, to develop the next generation technologies for the fifth generation fighter. The Committee has continued to express concern with concurrency in the existing development efforts and the lack of clearly defined requirements and cost estimates. As a result, the Committee recommends a reduction of \$126,276,000, allowing the program to continue at a moderate pace.

ISRAELI MISSILE DEFENSE PROGRAMS

The fiscal year 2016 budget request includes \$157,795,000 for Israeli missile defense programs, and the Committee has received a request from the Government of Israel to recommend \$329,800,000 above the budget request for those programs. The Committee notes that in fiscal year 2015, Congress appropriated \$347,039,000 above the budget request for Israeli missile defense programs at the request of the Government of Israel and provided \$225,000,000 in emergency appropriations for Iron Dome interceptors in response to a follow-on request from the Government of Israel due to activities associated with OPERATION PROTECTIVE EDGE.

The Committee notes that Congress has repeatedly, with strong, bi-partisan support, appropriated funds in excess of administration requests for Israeli missile defense programs to accelerate development of capabilities within a mutually agreed-upon U.S.-Israeli framework. However, these increases have historically been on a significantly smaller scale than the requests presented to the Committee in recent years. The Committee is concerned by the apparent disconnect in the respective Governments' understanding of future Israeli missile defense requirements, U.S. and Israeli funding contributions and the role of U.S. industry to ensure fielding of Israeli missile defense capabilities, particularly in the absence of further U.S.-Israeli production agreements.

The Committee recommends an additional \$329,800,000 for Israeli missile defense programs, as requested by the Government of Israel. The Committee directs that not more than \$90,000,000 may be obligated or expended for long lead items in support of David's Sling production activities until the Secretary of Defense provides to the congressional defense committees a joint U.S.-Israeli production agreement that addresses, at a minimum, Israeli requirements, production plans, the role of U.S. and Israeli industry and the proposed use of U.S. funding. Further, the Committee directs that not more than \$15,000,000 may be obligated or expended for long lead items in support of Arrow upper tier production activities until the Secretary of Defense provides to the congressional defense committees a joint U.S.-Israeli production agreement that addresses, at a minimum, Israeli requirements, production plans, the role of U.S. and Israeli industry and the proposed use of U.S. funding. The Committee notes that the Department of Defense has established processes in place to transfer funding for long lead items for Israeli missile defense programs through an exchange of letters that ensure appropriate oversight over subject funds prior to conclusion of production agreements.

TITLE I
MILITARY PERSONNEL

Funds appropriated under this title provide the resources required for basic pay, retired pay accrual, employers' contribution for Social Security taxes, basic allowance for subsistence, basic allowance for housing, 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 2016 budget requests a total of \$130,491,227,000 for military personnel appropriations. This request funds an Active component end strength of 1,305,200 and a Reserve component end strength of 811,000.

SUMMARY OF COMMITTEE ACTION

The Committee recommends military personnel appropriations totaling \$129,442,113,000 for fiscal year 2016. This is \$1,049,114,000 below the budget estimate.

Committee recommended military personnel appropriations for fiscal year 2016 are summarized below:

SUMMARY OF MILITARY PERSONNEL APPROPRIATIONS

[In thousands of dollars]

Account	2016 budget estimate	Committee recommendation	Change from budget estimate
Military Personnel:			
Military Personnel, Army	41,130,748	41,038,287	- 92,461
Military Personnel, Navy	28,262,396	27,983,432	- 278,964
Military Personnel, Marine Corps	13,125,349	12,953,400	- 171,949
Military Personnel, Air Force	27,969,322	27,756,536	- 212,786
Reserve Personnel:			
Reserve Personnel, Army	4,550,974	4,418,714	- 132,260
Reserve Personnel, Navy	1,884,991	1,849,541	- 35,450
Reserve Personnel, Marine Corps	706,481	697,839	- 8,642
Reserve Personnel, Air Force	1,696,283	1,676,551	- 19,732
National Guard Personnel:			
National Guard Personnel, Army	7,942,132	7,862,122	- 80,010
National Guard Personnel, Air Force	3,222,551	3,205,691	- 16,860
Total	130,491,227	129,442,113	- 1,049,114

Committee recommended end strengths for fiscal year 2016 are summarized below:

RECOMMENDED END STRENGTH

	2015 authorization	2016 budget estimate	Committee recommendation	Change from budget estimate
Active:				
Army	490,000	475,000	475,000	.....
Navy	323,600	329,200	329,200	.....

RECOMMENDED END STRENGTH—Continued

	2015 authorization	2016 budget estimate	Committee recommendation	Change from budget estimate
Marine Corps	184,100	184,000	184,000	.....
Air Force	310,900	317,000	317,000	.....
Subtotal	1,308,600	1,305,200	1,305,200	.....
Selected Reserve:				
Army Reserve	202,000	198,000	198,000	.....
Navy Reserve	57,300	57,400	57,400	.....
Marine Corps Reserve	39,200	38,900	38,900	.....
Air Force Reserve	67,100	69,200	69,200	.....
Army National Guard	350,200	342,000	342,000	.....
Air National Guard	105,000	105,500	105,500	.....
Subtotal	820,800	811,000	811,000	.....
TOTAL	2,129,400	2,116,200	2,116,200	.....

Committee recommended end strengths for full-time support of the Reserve and Guard for fiscal year 2016 are summarized below:

RECOMMENDED ACTIVE GUARD AND RESERVE END STRENGTH

	2015 authorization	2016 budget estimate	Committee recommendation	Change from budget estimate
Active Guard and Reserve:				
Army Reserve	16,261	16,261	16,261	.....
Navy Reserve	9,973	9,934	9,934	.....
Marine Corps Reserve	2,261	2,260	2,260	.....
Air Force Reserve	2,830	3,032	3,032	.....
Army National Guard	31,385	30,770	30,770	.....
Air National Guard	14,704	14,748	14,748	.....
TOTAL	77,414	77,005	77,005	.....

MILITARY PERSONNEL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or have been specifically reduced as shown in the project level tables or in paragraphs using the phrase “only for” or “only to” in the Committee report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in the Committee report. Below Threshold Reprogrammings may not be used to either restore or reduce funding from congressional interest items as identified on the DD Form 1414.

MILITARY PERSONNEL OVERVIEW

Reserve Component Budget Reporting.—The Committee continues its requirement for the Department to provide a semi-annual detailed report to the congressional defense committees showing transfers between subactivities within the military personnel appropriation. Reports shall be submitted not later than 30 days following the end of the second quarter and 30 days following the end of the fiscal year.

Unobligated Balances.—A Government Accountability Office analysis of past year obligation rates shows that the services continue to underexecute their military personnel accounts. Due to excess unobligated balances, the Committee recommends a total reduction of \$987,200,000 from the fiscal year 2016 military personnel accounts.

Sexual Assault.—The Committee remains concerned with the prevalence of sexual assault in the military. The Department of Defense's Annual Report on Sexual Assault in the Military for fiscal year 2014 found cases of reported sexual assaults increased by 11 percent over the previous year. The Committee recognizes the efforts by the Department to strengthen its sexual assault prevention and response program and notes that, according to a study performed by a federally funded research and development corporation, the percentage of active duty females who experienced unwanted sexual contact during the past year declined from an estimated 6.1 percent in 2012 to an estimated 4.3 percent in 2014.

However, the Committee believes more needs to be done to create a culture throughout the military in which sexual assault is not tolerated. To ensure that the Department continues to make progress ending victims' alienation during the investigation and prosecution of their case, the Committee includes an additional \$25,000,000 for implementation of the Special Victims' Counsel Program across all the services.

Guard and Reserve Disability Compensation Processing.—The Committee is aware of planned Government Accountability Office [GAO] investigations into the disparity in wait times between Active Duty and National Guard and Reserve personnel in receiving disability compensation. The Committee urges the Department to act quickly on GAO's recommendations and ensure that adjudication of disability claims of National Guard and Reserve members are not delayed.

Advanced Trauma Training Program for National Guard and Reserve.—The Committee recognizes the valuable support universities, hospitals, and other military partners provide by offering civilian-based emergency response trauma training to sustain medics' and medical providers' capabilities of the National Guard Enhanced Response Forces Packages [CERFP], National Guard Homeland Response Forces [NGHRF], and the Army Reserve Consequence Management Response Forces [CCMRF]. The Committee encourages the National Guard and Reserve to continue pursuing state-of-the-art trauma training with these civilian partners, thus maintaining unit medical readiness postures at optimum levels as military healthcare providers in CERFPs, NGHRFs, and CCMRFs maintain their individual skills to respond effectively to emergency incidents on the homeland. Furthermore, in order to minimize the civilian-military operational gaps in the event of a catastrophic incident, the Committee also encourages the development of enhanced preparedness medical training programs focusing on mass casualty triage, advanced disaster life support, advanced hazardous material life support, emergency dental, and psychological health by increasing civilian-based advanced trauma expertise gained through day-to-day experiences and medical research programs.

Service Academy Superintendents Report.—The Committee notes that the Institute for Defense Analyses [IDA] in December 2014 completed an exhaustive study of superintendent leadership at service academies. Among the conclusions of the study was that academy superintendents should have an option to continue military service at the conclusion of their term, and that the tour of duty at service academies should be lengthened beyond the standard 3 years.

Accordingly, the Committee encourages the Secretary of Defense to exercise more frequently the waiver authority provided under Title 10, United States Code, to allow an academy superintendent to continue military service, rather than mandatory retirement. The law allows the Secretary of Defense to issue such a waiver “for good cause,” and the Committee encourages the services to make continued and best use of senior officers who have distinguished themselves as academy superintendents.

Furthermore, the Committee echoes the concerns of the IDA report that 3 years may be an insufficient amount of time for a superintendent to assess an academy’s current challenges, to accomplish strategic planning, to introduce needed change, to garner the support of various stake holders groups, and follow up on initiatives for lasting effects. Title 10 generally requires a minimum of a 3-year tour of duty for an academy superintendent, but does not specify a maximum. The Committee therefore encourages the service secretaries to strongly consider a longer tour of duty for academy superintendents.

In the Department of Defense Appropriations Act, 2014, the Committee directed the Department of Defense to report to Congress recommendations for establishing criteria for selecting Service Academy Superintendents. One recommendation was to extend the amount of time between a new Superintendent’s Senate confirmation and assumption of duties from 90 to 120 days. The Committee strongly supports this recommendation, which allows incoming Superintendents additional time for specialized training. The Committee will work with the committee of jurisdiction to ensure that this and other recommendations are fully instituted by the Department of Defense.

MILITARY PERSONNEL, ARMY

Appropriations, 2015	\$41,116,129,000
Budget estimate, 2016	41,130,748,000
Committee recommendation	41,038,287,000

The Committee recommends an appropriation of \$41,038,287,000. This is \$92,461,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	MILITARY PERSONNEL, ARMY			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
5	BASIC PAY	6,926,625	6,922,400	- 4,225
10	RETIRED PAY ACCRUAL	2,172,454	2,172,454	.....
25	BASIC ALLOWANCE FOR HOUSING	2,231,910	2,220,121	- 11,789
30	BASIC ALLOWANCE FOR SUBSISTENCE	293,794	293,794	.....
35	INCENTIVE PAYS	81,079	81,079	.....
40	SPECIAL PAYS	365,582	365,582	.....
45	ALLOWANCES	261,520	261,520	.....
50	SEPARATION PAY	210,860	193,696	- 17,164
55	SOCIAL SECURITY TAX	527,824	527,824	.....
	TOTAL, BUDGET ACTIVITY 1	13,071,648	13,038,470	- 33,178
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	12,668,528	12,661,845	- 6,683
65	RETIRED PAY ACCRUAL	3,973,957	3,973,957	.....
80	BASIC ALLOWANCE FOR HOUSING	4,811,937	4,811,937	.....
85	INCENTIVE PAYS	92,964	92,964	.....
90	SPECIAL PAYS	435,630	435,630	.....
95	ALLOWANCES	849,699	849,699	.....
100	SEPARATION PAY	445,315	445,315	.....
105	SOCIAL SECURITY TAX	969,143	969,143	.....
	TOTAL, BUDGET ACTIVITY 2	24,247,173	24,240,490	- 6,683
	ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
110	ACADEMY CADETS	80,323	80,323	.....
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	1,304,526	1,304,526	.....
120	SUBSISTENCE-IN-KIND	514,155	514,155	.....
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	893	893	.....
	TOTAL, BUDGET ACTIVITY 4	1,819,574	1,819,574	.....
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	167,227	167,227	.....
130	TRAINING TRAVEL	143,955	143,955	.....
135	OPERATIONAL TRAVEL	401,690	401,690	.....
140	ROTATIONAL TRAVEL	714,937	714,937	.....
145	SEPARATION TRAVEL	304,443	304,443	.....
150	TRAVEL OF ORGANIZED UNITS	4,234	4,234	.....
155	NON-TEMPORARY STORAGE	11,333	11,333	.....
160	TEMPORARY LODGING EXPENSE	39,186	39,186	.....
	TOTAL, BUDGET ACTIVITY 5	1,787,005	1,787,005	.....
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	717	717	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	1,301	1,301	.....
180	DEATH GRATUITIES	39,000	39,000	.....
185	UNEMPLOYMENT BENEFITS	201,052	201,052	.....
195	EDUCATION BENEFITS	4,620	4,620	.....
200	ADOPTION EXPENSES	589	589	.....
210	TRANSPORTATION SUBSIDY	4,814	4,814	.....
215	PARTIAL DISLOCATION ALLOWANCE	105	105	.....
217	RESERVE OFFICERS TRAINING CORPS (ROTC)	111,929	111,929	.....
218	JUNIOR ROTC	28,140	28,140	.....
	TOTAL, BUDGET ACTIVITY 6	392,267	392,267	.....
	LESS REIMBURSABLES	- 267,242	- 267,242	.....
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 52,600	- 52,600

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL, ACTIVE FORCES, ARMY	41,130,748	41,038,287	-92,461
	TOTAL, MILITARY PERSONNEL, ARMY	41,130,748	41,038,287	-92,461

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: PAY AND ALLOWANCES OF OFFICERS			
5	Basic Pay	6,926,625	6,922,400	-4,225
	Improving funds management: Projected understrength			-4,225
25	Basic Allowance for Housing	2,231,910	2,220,121	-11,789
	Improving funds management: Excess to requirement			-11,789
50	Separation Pay	210,860	193,696	-17,164
	Improving funds management: Excess growth			-17,164
	BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	Basic Pay	12,668,528	12,661,845	-6,683
	Improving funds management: Projected understrength			-6,683
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances		-52,600	-52,600

MILITARY PERSONNEL, NAVY

Appropriations, 2015	\$27,453,200,000
Budget estimate, 2016	28,262,396,000
Committee recommendation	27,983,432,000

The Committee recommends an appropriation of \$27,983,432,000. This is \$278,964,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	MILITARY PERSONNEL, NAVY			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
5	BASIC PAY	4,116,138	4,112,147	-3,991
10	RETIRED PAY ACCRUAL	1,290,301	1,290,301	
25	BASIC ALLOWANCE FOR HOUSING	1,523,673	1,510,173	-13,500
30	BASIC ALLOWANCE FOR SUBSISTENCE	172,082	172,082	
35	INCENTIVE PAYS	132,555	132,555	
40	SPECIAL PAYS	437,248	437,248	
45	ALLOWANCES	149,026	149,026	
50	SEPARATION PAY	42,355	42,355	
55	SOCIAL SECURITY TAX	313,642	313,642	
	TOTAL, BUDGET ACTIVITY 1	8,177,020	8,159,529	-17,491
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	8,822,897	8,813,400	-9,497

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
65	RETIRED PAY ACCRUAL	2,769,263	2,769,263	.....
80	BASIC ALLOWANCE FOR HOUSING	4,118,156	4,082,210	- 35,946
85	INCENTIVE PAYS	104,910	104,910	.....
90	SPECIAL PAYS	779,276	779,276	.....
95	ALLOWANCES	630,672	630,672	.....
100	SEPARATION PAY	156,500	156,500	.....
105	SOCIAL SECURITY TAX	674,951	674,951	.....
	TOTAL, BUDGET ACTIVITY 2	18,056,625	18,011,182	- 45,443
	ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN			
110	MIDSHIPMEN	79,242	79,242	.....
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	791,044	791,044	.....
120	SUBSISTENCE-IN-KIND	429,817	429,817	.....
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	4	4	.....
	TOTAL, BUDGET ACTIVITY 4	1,220,865	1,220,865	.....
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	95,649	95,649	.....
130	TRAINING TRAVEL	99,893	99,893	.....
135	OPERATIONAL TRAVEL	249,743	249,743	.....
140	ROTATIONAL TRAVEL	272,783	272,783	.....
145	SEPARATION TRAVEL	128,917	128,917	.....
150	TRAVEL OF ORGANIZED UNITS	30,968	30,968	.....
155	NON-TEMPORARY STORAGE	12,159	12,159	.....
160	TEMPORARY LODGING EXPENSE	15,800	15,800	.....
165	OTHER	11,509	11,509	.....
	TOTAL, BUDGET ACTIVITY 5	917,421	917,421	.....
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	59	59	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	1,370	1,370	.....
180	DEATH GRATUITIES	17,800	17,800	.....
185	UNEMPLOYMENT BENEFITS	97,655	97,655	.....
195	EDUCATION BENEFITS	19,364	19,364	.....
200	ADOPTION EXPENSES	265	265	.....
210	TRANSPORTATION SUBSIDY	4,993	4,993	.....
215	PARTIAL DISLOCATION ALLOWANCE	35	35	.....
217	RESERVE OFFICERS TRAINING CORPS (ROTC)	21,269	21,269	.....
218	JUNIOR ROTC	14,733	14,733	.....
	TOTAL, BUDGET ACTIVITY 6	177,543	177,543	.....
	LESS REIMBURSABLES	- 366,320	- 366,320	.....
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 216,030	- 216,030
	TOTAL, ACTIVE FORCES, NAVY	28,262,396	27,983,432	- 278,964
	TOTAL, MILITARY PERSONNEL, NAVY	28,262,396	27,983,432	- 278,964

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
5	BA 1: PAY AND ALLOWANCES OF OFFICERS			
	Basic Pay	4,116,138	4,112,147	- 3,991

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Improving funds management: Projected understrength			- 3,991
25	Basic Allowance for Housing	1,523,673	1,510,173	- 13,500
	Improving funds management: Excess to requirement			- 13,500
	BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	Basic Pay	8,822,897	8,813,400	- 9,497
	Improving funds management: Projected understrength			- 9,497
80	Basic Allowance for Housing	4,118,156	4,082,210	- 35,946
	Improving funds management: Excess to requirement			- 35,946
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances		- 216,030	- 216,030

MILITARY PERSONNEL, MARINE CORPS

Appropriations, 2015	\$12,828,931,000
Budget estimate, 2016	13,125,349,000
Committee recommendation	12,953,400,000

The Committee recommends an appropriation of \$12,953,400,000. This is \$171,949,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	MILITARY PERSONNEL, MARINE CORPS			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
5	BASIC PAY	1,525,719	1,525,719	
10	RETIRED PAY ACCRUAL	478,396	478,396	
25	BASIC ALLOWANCE FOR HOUSING	505,390	505,390	
30	BASIC ALLOWANCE FOR SUBSISTENCE	65,674	65,674	
35	INCENTIVE PAYS	35,998	35,998	
40	SPECIAL PAYS	6,210	6,210	
45	ALLOWANCES	51,750	48,800	- 2,950
50	SEPARATION PAY	14,887	14,887	
55	SOCIAL SECURITY TAX	116,166	116,166	
	TOTAL, BUDGET ACTIVITY 1	2,800,190	2,797,240	- 2,950
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	4,831,024	4,803,837	- 27,187
65	RETIRED PAY ACCRUAL	1,513,761	1,513,761	
80	BASIC ALLOWANCE FOR HOUSING	1,614,206	1,614,206	
85	INCENTIVE PAYS	9,508	9,508	
90	SPECIAL PAYS	116,177	116,177	
95	ALLOWANCES	344,426	344,426	
100	SEPARATION PAY	93,577	93,577	
105	SOCIAL SECURITY TAX	369,010	369,010	
	TOTAL, BUDGET ACTIVITY 2	8,891,689	8,864,502	- 27,187
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	460,030	460,030	
120	SUBSISTENCE-IN-KIND	384,036	384,036	
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	10	10	
	TOTAL, BUDGET ACTIVITY 4	844,076	844,076	

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	62,955	62,955	.....
130	TRAINING TRAVEL	16,913	16,913	.....
135	OPERATIONAL TRAVEL	161,285	161,285	.....
140	ROTATIONAL TRAVEL	118,357	118,357	.....
145	SEPARATION TRAVEL	120,742	114,940	- 5,802
150	TRAVEL OF ORGANIZED UNITS	797	797	.....
155	NON-TEMPORARY STORAGE	5,564	5,564	.....
160	TEMPORARY LODGING EXPENSE	5,734	5,734	.....
165	OTHER	3,002	3,002	.....
	TOTAL, BUDGET ACTIVITY 5	495,349	489,547	- 5,802
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	505	505	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	19	19	.....
180	DEATH GRATUITIES	13,700	13,700	.....
185	UNEMPLOYMENT BENEFITS	93,598	93,598	.....
195	EDUCATION BENEFITS	9,655	9,655	.....
200	ADOPTION EXPENSES	84	84	.....
210	TRANSPORTATION SUBSIDY	1,621	1,621	.....
215	PARTIAL DISLOCATION ALLOWANCE	67	67	.....
218	JUNIOR ROTC	3,526	3,526	.....
	TOTAL, BUDGET ACTIVITY 6	122,775	122,775	.....
	LESS REIMBURSABLES	- 28,730	- 28,730	.....
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 136,010	- 136,010
	TOTAL, ACTIVE FORCES, MARINE CORPS	13,125,349	12,953,400	- 171,949
	TOTAL, MILITARY PERSONNEL, MARINE CORPS	13,125,349	12,953,400	- 171,949

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
45	BA 1: PAY AND ALLOWANCES OF OFFICERS			
	Allowances	51,750	48,800	- 2,950
	Improving funds management: Unjustified growth .....	.....	.....	- 2,950
60	BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
	Basic Pay	4,831,024	4,803,837	- 27,187
	Improving funds management: Projected understrength ..	.....	.....	- 27,187
145	BA 5: PERMANENT CHANGE OF STATION TRAVEL			
	Separation Travel	120,742	114,940	- 5,802
	Improving funds management: Unjustified growth .....	.....	.....	- 5,802
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances .....	.....	- 136,010	- 136,010

MILITARY PERSONNEL, AIR FORCE

Appropriations, 2015	\$27,376,462,000
Budget estimate, 2016	27,969,322,000
Committee recommendation	27,756,536,000

The Committee recommends an appropriation of \$27,756,536,000. This is \$212,786,000 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]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	MILITARY PERSONNEL, AIR FORCE			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
5	BASIC PAY	4,766,155	4,710,104	— 56,051
10	RETIRED PAY ACCRUAL	1,486,126	1,486,126	.....
25	BASIC ALLOWANCE FOR HOUSING	1,515,936	1,515,936	.....
30	BASIC ALLOWANCE FOR SUBSISTENCE	198,685	198,685	.....
35	INCENTIVE PAYS	235,054	235,054	.....
40	SPECIAL PAYS	351,827	351,827	.....
45	ALLOWANCES	136,390	136,390	.....
50	SEPARATION PAY	57,589	57,589	.....
55	SOCIAL SECURITY TAX	363,907	363,907	.....
	TOTAL, BUDGET ACTIVITY 1	9,111,669	9,055,618	— 56,051
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	8,674,231	8,666,026	— 8,205
65	RETIRED PAY ACCRUAL	2,712,354	2,712,354	.....
80	BASIC ALLOWANCE FOR HOUSING	3,634,327	3,634,327	.....
85	INCENTIVE PAYS	36,123	36,123	.....
90	SPECIAL PAYS	298,002	298,002	.....
95	ALLOWANCES	604,913	604,913	.....
100	SEPARATION PAY	126,959	126,959	.....
105	SOCIAL SECURITY TAX	663,579	663,579	.....
	TOTAL, BUDGET ACTIVITY 2	16,750,488	16,742,283	— 8,205
	ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
110	ACADEMY CADETS	71,242	71,242	.....
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	1,005,519	1,005,519	.....
120	SUBSISTENCE-IN-KIND	134,055	134,055	.....
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	3	3	.....
	TOTAL, BUDGET ACTIVITY 4	1,139,577	1,139,577	.....
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	94,021	94,021	.....
130	TRAINING TRAVEL	71,403	71,403	.....
135	OPERATIONAL TRAVEL	276,627	276,627	.....
140	ROTATIONAL TRAVEL	578,894	564,854	— 14,040
145	SEPARATION TRAVEL	145,515	145,515	.....
150	TRAVEL OF ORGANIZED UNITS	8,919	8,919	.....
155	NON-TEMPORARY STORAGE	23,607	23,607	.....
160	TEMPORARY LODGING EXPENSE	35,560	35,560	.....
	TOTAL, BUDGET ACTIVITY 5	1,234,546	1,220,506	— 14,040
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	18	18	.....
175	INTEREST ON UNIFORMED SERVICES SAVINGS	2,691	2,691	.....
180	DEATH GRATUITIES	15,100	15,100	.....
185	UNEMPLOYMENT BENEFITS	52,962	52,962	.....
195	EDUCATION BENEFITS	185	185	.....
200	ADOPTION EXPENSES	305	305	.....
210	TRANSPORTATION SUBSIDY	2,262	2,262	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
215	PARTIAL DISLOCATION ALLOWANCE	569	569	.....
217	RESERVE OFFICERS TRAINING CORPS (ROTC)	25,376	25,376	.....
218	JUNIOR ROTC	13,338	13,338	.....
	TOTAL, BUDGET ACTIVITY 6	112,806	112,806	.....
	LESS REIMBURSABLES	- 451,006	- 451,006	.....
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 266,490	- 266,490
	RESTORE A-10 .....	.....	132,000	+ 132,000
	TOTAL, ACTIVE FORCES, AIR FORCE	27,969,322	27,756,536	- 212,786
	TOTAL, MILITARY PERSONNEL, AIR FORCE	27,969,322	27,756,536	- 212,786

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: PAY AND ALLOWANCES OF OFFICERS			
5	Basic Pay	4,766,155	4,710,104	- 56,051
	Improving funds management: Projected understrength .....	.....	.....	- 56,051
	BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	Basic Pay	8,674,231	8,666,026	- 8,205
	Improving funds management: Projected understrength .....	.....	.....	- 8,205
	BA 5: PERMANENT CHANGE OF STATION TRAVEL			
140	Rotational Travel	578,894	564,854	- 14,040
	Improving funds management: Excess growth .....	.....	.....	- 14,040
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances .....	.....	- 266,490	- 266,490
	Authorization adjustment: Restore A-10 .....	.....	132,000	+ 132,000

Remotely Piloted Aircraft Training.—The Committee is aware that the remotely piloted aircraft [RPA] career field has been under stress due to the high demand of combat operations. The Committee encourages the Air Force to partner with contractors and leverage their facilities, equipment and personnel to augment pilot training capacity and provide a near-term solution to the shortfall of qualified RPA pilots. The Committee further encourages the Air Force to facilitate industry efforts to train pilots from nations that operate variations of the MQ-1 Predator since the Air Force lacks the capacity to provide such training.

RESERVE PERSONNEL, ARMY

Appropriations, 2015	\$4,317,859,000
Budget estimate, 2016	4,550,974,000
Committee recommendation	4,418,714,000

The Committee recommends an appropriation of \$4,418,714,000. This is \$132,260,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, ARMY			
	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,543,361	1,543,361	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	44,492	44,492	.....
30	PAY GROUP F TRAINING (RECRUITS)	234,314	234,314	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	13,326	13,326	.....
60	MOBILIZATION TRAINING	320	320	.....
70	SCHOOL TRAINING	215,951	215,951	.....
80	SPECIAL TRAINING	294,460	294,460	.....
90	ADMINISTRATION AND SUPPORT	2,066,663	2,066,663	.....
100	EDUCATION BENEFITS	18,380	18,380	.....
120	HEALTH PROFESSION SCHOLARSHIP	59,606	59,606	.....
130	OTHER PROGRAMS	60,101	60,101	.....
	TOTAL, BUDGET ACTIVITY 1	4,550,974	4,550,974	.....
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 132,260	- 132,260
	TOTAL RESERVE PERSONNEL, ARMY	4,550,974	4,418,714	- 132,260

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances ... ..	.....	- 132,260	- 132,260

RESERVE PERSONNEL, NAVY

Appropriations, 2015	\$1,835,924,000
Budget estimate, 2016	1,884,991,000
Committee recommendation	1,849,541,000

The Committee recommends an appropriation of \$1,849,541,000. This is \$35,450,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, NAVY			
	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	603,067	603,067	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	7,141	7,141	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
30	PAY GROUP F TRAINING (RECRUITS)	62,500	62,500	.....
60	MOBILIZATION TRAINING	8,816	8,816	.....
70	SCHOOL TRAINING	45,974	45,974	.....
80	SPECIAL TRAINING	111,903	111,903	.....
90	ADMINISTRATION AND SUPPORT	992,146	992,146	.....
100	EDUCATION BENEFITS	107	107	.....
120	HEALTH PROFESSION SCHOLARSHIP	53,337	53,337	.....
	TOTAL, BUDGET ACTIVITY 1	1,884,991	1,884,991	.....
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 35,450	- 35,450
	TOTAL, RESERVE PERSONNEL, NAVY	1,884,991	1,849,541	- 35,450

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances .....	.....	- 35,450	- 35,450

RESERVE PERSONNEL, MARINE CORPS

Appropriations, 2015	\$660,424,000
Budget estimate, 2016	706,481,000
Committee recommendation	697,839,000

The Committee recommends an appropriation of \$697,839,000. This is \$8,642,000 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]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, MARINE CORPS			
	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	269,298	269,298	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)	36,573	36,573	.....
30	PAY GROUP F TRAINING (RECRUITS)	108,034	108,034	.....
60	MOBILIZATION TRAINING	2,529	2,529	.....
70	SCHOOL TRAINING	24,160	24,160	.....
80	SPECIAL TRAINING	26,272	24,420	- 1,852
90	ADMINISTRATION AND SUPPORT	233,388	233,388	.....
95	PLATOON LEADER CLASS	5,585	5,585	.....
100	EDUCATION BENEFITS	642	642	.....
	TOTAL, BUDGET ACTIVITY 1	706,481	704,629	- 1,852
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 6,790	- 6,790
	TOTAL, RESERVE PERSONNEL, MARINE CORPS	706,481	697,839	- 8,642

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
80	BA 1: MARINE CORPS RESERVE TRAINING AND SUPPORT			
	Special Training	26,272	24,420	- 1,852
	Improving funds management: Excess growth .....	.....	.....	- 1,852
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances .....	.....	- 6,790	- 6,790

RESERVE PERSONNEL, AIR FORCE

Appropriations, 2015	\$1,653,148,000
Budget estimate, 2016	1,696,283,000
Committee recommendation	1,676,551,000

The Committee recommends an appropriation of \$1,676,551,000. This is \$19,732,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESERVE PERSONNEL, AIR FORCE			
	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	656,936	656,936	.....
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	109,227	109,227	.....
30	PAY GROUP F TRAINING (RECRUITS)	56,152	56,152	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	1,830	1,830	.....
60	MOBILIZATION TRAINING	576	576	.....
70	SCHOOL TRAINING	141,835	141,835	.....
80	SPECIAL TRAINING	208,440	208,440	.....
90	ADMINISTRATION AND SUPPORT	444,057	436,525	- 7,532
100	EDUCATION BENEFITS	13,248	13,248	.....
120	HEALTH PROFESSION SCHOLARSHIP	58,952	58,952	.....
130	OTHER PROGRAMS (ADMIN & SUPPORT)	5,030	5,030	.....
	TOTAL, BUDGET ACTIVITY 1	1,696,283	1,688,751	- 7,532
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 12,200	- 12,200
	TOTAL, RESERVE PERSONNEL, AIR FORCE	1,696,283	1,676,551	- 19,732

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
90	BA 1: AIR FORCE RESERVE TRAINING AND SUPPORT			
	Administration and Support	444,057	436,525	- 7,532

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Improving funds management: Excess growth .....	.....	.....	- 7,532
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances ...	.....	- 12,200	- 12,200

NATIONAL GUARD PERSONNEL, ARMY

Appropriations, 2015	\$7,643,832,000
Budget estimate, 2016	7,942,132,000
Committee recommendation	7,862,122,000

The Committee recommends an appropriation of \$7,862,122,000. This is \$80,010,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	NATIONAL GUARD PERSONNEL, ARMY			
	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	2,606,347	2,606,347	.....
30	PAY GROUP F TRAINING (RECRUITS)	526,051	526,051	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	41,411	41,411	.....
70	SCHOOL TRAINING	471,330	471,330	.....
80	SPECIAL TRAINING	571,720	596,520	+ 24,800
90	ADMINISTRATION AND SUPPORT	3,690,407	3,690,407	.....
100	EDUCATION BENEFITS	34,866	34,866	.....
	TOTAL, BUDGET ACTIVITY 1	7,942,132	7,966,932	+ 24,800
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 104,810	- 104,810
	TOTAL, NATIONAL GUARD PERSONNEL, ARMY	7,942,132	7,862,122	- 80,010

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
80	BA 1: ARMY NATIONAL GUARD TRAINING AND SUPPORT			
	Special Training	571,720	596,520	+ 24,800
	Authorization adjustment: Additional support for the National Guard's Operation Phalanx .....	.....	.....	+ 20,000
	Program increase: Army National Guard Cyber Protection Teams .....	.....	.....	+ 4,800
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances ...	.....	- 104,810	- 104,810

NATIONAL GUARD PERSONNEL, AIR FORCE

Appropriations, 2015 \$3,118,709,000
 Budget estimate, 2016 3,222,551,000
 Committee recommendation 3,205,691,000

The Committee recommends an appropriation of \$3,205,691,000.
 This is \$16,860,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	NATIONAL GUARD PERSONNEL, AIR FORCE			
	ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT			
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	925,442	925,442	.....
30	PAY GROUP F TRAINING (RECRUITS)	105,653	105,653	.....
40	PAY GROUP P TRAINING (PIPELINE RECRUITS)	8,596	8,596	.....
70	SCHOOL TRAINING	290,988	290,988	.....
80	SPECIAL TRAINING	182,511	184,211	+ 1,700
90	ADMINISTRATION AND SUPPORT	1,694,558	1,694,558	.....
100	EDUCATION BENEFITS	14,803	14,803	.....
	TOTAL, BUDGET ACTIVITY 1	3,222,551	3,224,251	+ 1,700
	UNDISTRIBUTED ADJUSTMENT .....	.....	- 18,560	- 18,560
	TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	3,222,551	3,205,691	- 16,860

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
80	BA 1: AIR NATIONAL GUARD TRAINING AND SUPPORT			
	Special Training	182,511	184,211	+ 1,700
	Authorization adjustment: Additional support for the National Guard's Operation Phalanx .....	.....	.....	+ 1,700
	UNDISTRIBUTED ADJUSTMENT			
	Improving funds management: Unobligated balances .....	.....	- 24,560	- 24,560
	Program increase: Trauma training .....	.....	6,000	+ 6,000

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 2016 budget requests a total of \$176,517,228,000 for operation and maintenance appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends operation and maintenance appropriations totaling \$139,169,199,000 for fiscal year 2016. This is \$37,348,029,000 below the budget estimate.

Committee recommended operation and maintenance appropriations for fiscal year 2016 are summarized below:

SUMMARY OF OPERATION AND MAINTENANCE APPROPRIATIONS

[In thousands of dollars]

Account	2016 budget estimate	Committee recommendation	Change from budget estimate
Operation and Maintenance:			
Operation and Maintenance, Army	35,107,546	27,285,099	- 7,822,447
Operation and Maintenance, Navy	42,200,756	25,933,099	- 16,267,657
Operation and Maintenance, Marine Corps	6,228,782	5,277,785	- 950,997
Operation and Maintenance, Air Force	38,191,929	26,144,988	- 12,046,941
Operation and Maintenance, Defense-Wide	32,440,843	32,124,431	- 316,412
Operation and Maintenance, Army Reserve	2,665,792	2,679,992	+ 14,200
Operation and Maintenance, Navy Reserve	1,001,758	998,758	- 3,000
Operation and Maintenance, Marine Corps Reserve	277,036	277,036	.....
Operation and Maintenance, Air Force Reserve	3,064,257	3,056,357	- 7,900
Operation and Maintenance, Army National Guard	6,717,977	6,746,302	+ 28,325
Operation and Maintenance, Air National Guard	6,956,210	6,951,010	- 5,200
United States Court of Appeals for the Armed Forces	14,078	14,078	.....
Environmental Restoration, Army	234,829	234,829	.....
Environmental Restoration, Navy	292,453	292,453	.....
Environmental Restoration, Air Force	368,131	368,131	.....
Environmental Restoration, Defense-Wide	8,232	8,232	.....
Environmental Restoration, Formerly Used Defense Sites	203,717	233,717	+ 30,000
Overseas Humanitarian, Disaster, and Civic Aid	100,266	100,266	.....
Cooperative Threat Reduction Account	358,496	358,496	.....
Department of Defense Acquisition Workforce Development Fund ..	84,140	84,140	.....
Total	176,517,228	139,169,199	- 37,348,029

REPROGRAMMING GUIDANCE FOR OPERATION AND MAINTENANCE
ACCOUNTS

The Committee directs the Secretary of Defense to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2016 appropriation accounts not later than 60 days after the enactment of this act. The Secretary of Defense is prohibited from executing any reprogramming or transfer of funds for any purpose other than originally appropriated until the aforementioned report is submitted to the House and Senate Appropriations Committees.

The Committee directs the Secretary of Defense to use the normal prior approval reprogramming procedures to transfer funds in the services' operation and maintenance accounts between O-1 budget activities in excess of \$15,000,000. In addition, the Secretary of Defense should follow prior approval reprogramming procedures for transfers in excess of \$15,000,000 out of the following budget sub-activities:

Army:

- Maneuver units
- Modular support brigades
- Land forces operations support
- Force readiness operations support
- Land forces depot maintenance
- Base operations support
- Facilities Sustainment, Restoration, and Modernization

Navy:

- Aircraft depot maintenance
- Ship depot maintenance
- Facilities Sustainment, Restoration, and Modernization

Marine Corps:

- Depot maintenance
- Facilities Sustainment, Restoration, and Modernization

Air Force:

- Primary combat forces
- Combat enhancement forces
- Combat communications
- Facilities Sustainment, Restoration, and Modernization

Air Force Reserve:

- Depot maintenance

Air National Guard:

- Depot maintenance

Additionally, the Secretary of Defense shall follow prior approval reprogramming procedures for transfers in excess of \$15,000,000 into the following budget sub-activity:

Operation and Maintenance, Army National Guard:

- Other personnel support/recruiting and advertising

With respect to Operation and Maintenance, Defense-Wide, proposed transfers of funds to or from the levels specified for defense agencies in excess of \$15,000,000 shall be subject to prior approval reprogramming procedures.

During fiscal year 2016, the Committee directs the Service Secretaries to submit written notification and justification to the congressional defense committees not later than 15 days prior to im-

plementing transfers in excess of \$15,000,000 out of the following budget sub-activities:

Navy:

Mission and other flight operations
Mission and other ship operations

Air Force:

Operating forces depot maintenance
Mobilization depot maintenance
Training and recruiting depot maintenance
Administration and service-wide depot maintenance

These transfers may be implemented 15 days after a congressional notification unless an objection is received from one of the congressional defense committees.

OPERATION AND MAINTENANCE BUDGET EXECUTION DATA

The Committee directs the Secretary of Defense to continue to provide the congressional defense committees with quarterly budget execution data. Such data should be provided not later than 45 days after the close of each quarter of the fiscal year, and should be provided for each O-1 budget activity, activity group, and sub-activity group for each of the active, defense-wide, reserve, and National Guard components. For each O-1 budget activity, activity group, and sub-activity group, these reports should include the budget request and actual obligation amount, the distribution of unallocated congressional adjustments to the budget request, all adjustments made by the Department in establishing the Base for Reprogramming (DD Form 1414) report, all adjustments resulting from below threshold reprogrammings, and all adjustments resulting from prior approval reprogramming requests.

OPERATION AND MAINTENANCE SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or have been specifically reduced as shown in the project level tables or in paragraphs using the phrase “only for” or “only to” in the Committee report are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount as specifically addressed in the Committee report. Below Threshold Reprogrammings may not be used to either restore or reduce funding from congressional special interest items as identified on the DD Form 1414.

OPERATION AND MAINTENANCE OVERVIEW

Civilian Workforce.—The Committee expects the Department of Defense to maintain a stable, effective, right-sized civilian cadre. The Committee recognizes the critical role that the civilian workforce plays every day in ensuring the mission success of the Armed Forces and fully funds the 1.3 percent pay raise for civilian personnel as requested.

Workforce Management.—The Committee supports a workforce management plan that is fair for all sectors of the workforce. Decisions on sourcing new work, expanding existing responsibilities, or transferring functions currently performed by civilian personnel or

contractors to performance by military personnel must not proceed without comparing the costs according to the Department's own methodology. Therefore, decisions whether to assign new work which is not inherently governmental, closely associated with inherently governmental functions, or critical to military, civilian, or contractor personnel, shall be based on the results of the costing methodology laid out in Department of Defense Instruction [DODI] 7041.04. Additionally, before converting functions performed by civilian personnel or contractors to performance by military personnel that are not required by law or regulation to be performed by military personnel, the Department shall adhere to its own costing methodology laid out in DODI 7041.04.

Civilian Compensation.—For the past 2 years, the Committee has recommended reductions in the operation and maintenance accounts based on the overestimation of civilian full time equivalent [FTE] levels. Through analysis directed by the Committee during the fiscal year 2016 review, the data showed that while the services continue to underexecute the number of authorized civilian FTE, they overexecute the funding levels budgeted for civilian FTE. The most common explanation for this apparent disconnect is that average salary continues to grow at a greater rate than planned. For example, the Army explained that for one line item in Operation and Maintenance, Army, the number of civilian FTE was unchanged between fiscal year 2015 and fiscal year 2016, yet civilian compensation went up by 8 percent between those years.

The Committee understands the difficulties in predicting civilian FTE levels, particularly during the past several turbulent years. However, the Secretary of Defense is encouraged to review the trend of increasing civilian compensation, despite the pay raise only increasing minimally each year, and the underexecution of FTE levels. In order to facilitate this review, the Committee directs the Government Accountability Office [GAO] to provide a report to the congressional defense committees not later than 180 days of the enactment of this act making recommendations to improve the management of civilian compensation and FTE levels. Within the analysis, the Committee suggests the GAO explore the factors influencing average salary and how to better control its volatility. Also, the GAO shall examine how to standardize the types of growth included in pay rates versus program growth (for example, the Army includes an extra compensable day as a rate adjustment but the Navy breaks it out as program growth). Finally, the report shall examine steps the Department of Defense can take to formulate a civilian compensation budget that better captures the true cost of the civilian workforce.

Contract Services Spending.—The Committee is concerned that the Department of Defense does not have adequate policies, procedures, and controls in place to enforce limitations on the annual amounts expended on contracted services. There is further concern that not all contracted services are being subjected to spending limitations because of the exclusion of contracted services involving Economy Act transfers between and within Department of Defense components. Additionally, because of the disparity between the levels of contracted services captured in the Inventory of Contracts for Services, required under section 2330a of title 10, United States

Code, and what the Department budgets for contracted services, it appears as though the Department does not deliberately plan for most contracted services. The Committee urges the Under Secretary of Defense (Comptroller) to review the efforts of the financial management and acquisition communities to implement effective control mechanisms for contracted services spending.

Operation and Maintenance Budget Justification.—The Committee commends the Department for the improvements in the Operation and Maintenance [O&M] budget materials made over the past several years. To further inform the congressional review, the Committee directs the following actions:

- The budget justification materials shall include the OP–8B: Total Civilian Personnel Costs for every appropriation as a part of the President’s budget justification.
- Each OP–5 exhibit includes a personnel summary which provides helpful information about the civilian workforce. However, the way it is displayed includes memo entries for military technicians and reimbursable civilians, which makes it difficult to quickly analyze direct hire full time equivalents [FTEs]. The Office of the Under Secretary of Defense (Comptroller) is encouraged to revise the personnel summary section of the OP–5 exhibit to maintain the categories of information provided (including military technicians and reimbursable civilians) but to breakout the numbers without using memo entries.
- Every subactivity group in O&M that funds recruiting and advertising activities shall include the budget profile broken out by recruiting and advertising for the prior year, current year, and budget year as a part of the performance criteria in the OP–5 exhibit.
- Several of the defense agencies’ budget justification submissions in O&M Defense-wide are not following the Financial Management Regulations [FMR]. On the OP–5 exhibit, the FMR directs that that the Reconciliation of Increases and Decreases should “itemize and justify the major program changes in each year . . . Such justification should clearly explain programmatic changes in resource levels including why increases are required or decreases occur.” Instead of addressing programmatic increases and decreases, some defense agencies group adjustments by OP–32 lines such as increases to “supplies and materials” or decreases to “other intragovernmental purchases.” The defense agencies are directed to address programmatic changes as opposed to using OP–32 line titles on the OP–5 exhibit.
- The FMR directs the services and defense agencies to itemize major program changes and provide the baseline in dollars to which the increase or decrease applies on the OP–5 exhibit. Some of the services default to the subactivity total as the baseline for changes or only list a specific baseline if a particular program is broken out in the performance criteria. The services and defense agencies are directed to use the most specific programmatic baseline possible, regardless of whether or not the program baseline is listed in the performance criteria.
- The FMR provides specific instructions for the performance criteria for base operations support (Exhibit OP–5 Base Support

Program (Attachment 8)). The services are directed to follow this outline; particularly the instruction that says that the sum of amounts must match the Base Support total in the O-1 exhibit.

- The Office of Economic Adjustment’s budget documentation in O&M Defense-wide shall include the budget profile of each major program for the prior year, current year, and budget year as a part of the performance criteria in the OP-5 exhibit. Examples of major programs would be Program Assistance, Defense Industry Adjustment, and Guam.
- The Army, for subactivity groups 211 Strategic Mobility and 212 Army Prepositioned Stocks, shall include the budget profile broken out by each Army Prepositioned Stocks [APS] unit set for the prior year, current year, and budget year as a part of the performance criteria in the OP-5 exhibit.
- The Department of the Air Force is encouraged to begin utilizing OP-32 line 990 Information Technology Contract Support Services.

Financial Literacy.—The Committee supports the Department’s plan to develop a Financial Education Program for the men and women of the armed services. The program is meant to educate servicemembers on best practices in regards to career transition, health benefits, retirement planning and savings, and overall financial readiness.

Tobacco Use in the Military.—Tobacco use is the leading cause of preventable death in the United States, with more than 480,000 deaths attributable to cigarette smoking each year. The Department of Defense has affirmed the goal of a tobacco-free military, and has implemented a range of programs including public education campaigns, the banning of all tobacco use during basic training, and the prohibition of tobacco use by instructors in the presence of students. In support of these goals, the Committee retains a provision from the Department of Defense Appropriations Act, 2015 directing the elimination of the price subsidy provided to tobacco products at military exchanges.

Voluntary Military Education Programs—Tracking Outcomes.—The Committee is concerned about the lack of information available on the outcomes of students receiving Tuition Assistance and My Career Advancement Account [MyCAA] benefits. Therefore, the Committee directs the Department to submit a report tracking such outcomes of each of these programs. The report shall be submitted on or before June 1, 2016, and shall include, but not be limited to, the following data totals for calendar year 2015: an aggregate graduation rate, loan default rate, and average indebtedness. Additionally, the report shall then disaggregate the data to show these same metrics by sector: public, private for-profit, and private not-for-profit. Finally, the report shall include the percentage of servicemembers utilizing the Top-Up program for voluntary military education and the average dollar amount of usage. The Department is also encouraged to make an effort to gather data on the jobs attained after graduation, specifically whether those jobs can be reasonably said to be in the field of study identified in the students’ education plans.

Voluntary Military Education Programs—Third Party Audits.—The Committee recognizes the importance of voluntary military education programs to the continued education of our men and women in uniform and their spouses. In recent years, the programs have grown in popularity among servicemembers and, as such, in cost to the Federal Government. Despite recent efforts to improve oversight, the Committee notes that Department of Defense attempts to obtain key information needed to assess the quality of nearly 3,000 schools servicemembers attend have been largely unsuccessful.

The Committee is concerned about the number and transparency of third party audits of schools within the Department's Tuition Assistance program. In light of these concerns, the Committee commends the Department for its decision to develop a new Statement of Work for third party audits for execution under a new contract which will strengthen protections for, and the quality of education provided to, the military community. Since previous third party assessments lacked coherence and specificity, and did not fully consider the qualifications needed by the contractor conducting the assessments before awarding the contract, the Committee encourages the Secretary of Defense to develop a clear, written plan for third party assessments of schools. As part of that plan, the Department is urged to (1) develop clear, measurable questions to guide the assessments and (2) require that the entity or entities conducting the assessments have the necessary skills, expertise and experience to effectively assess the schools.

Extremity Protection Program.—The Committee encourages the Department of Defense to fully fund the Cold Weather Protective Equipment—Extremity Protection Program in order to sustain research and development programs, acquisition requirements and to maintain a basic combat capability in protective equipment for servicemembers.

Contracting Outreach to the U.S. Construction Industry.—The Committee is concerned about the high unemployment rate of the Nation's construction industry. Despite the efforts of the Office of Federal Procurement Policy to increase communication between procurement officers and industry, local contractors very often are not aware or do not have the opportunity to compete for local construction projects. The Committee believes the Department of Defense, as a whole, should modernize its traditional outreach methods to reach a broader group of local contractors. Therefore, the Committee encourages the Secretaries of the Army, Navy, and Air Force as well as Directors of Defense Agencies to review their respective construction contracting regulations and instructions to ensure adequate direction regarding Federal procurement opportunities and bidding processes is provided to local construction industry contractors, especially small businesses, minority-owned businesses, and women-owned businesses.

Data Center Consolidation Efforts.—The cost of Information Technology [IT] continues to be a significant limiting factor on the budgets of Federal agencies, including the Department of Defense. As such, it is imperative that the Department take advantage of data center consolidation efforts occurring not only within its agencies, but throughout the Federal Government while maintaining

high levels of security. The Committee believes that there are opportunities to ensure such security in centers operated by agencies such as the Department of Homeland Security, where the capacity and the infrastructure to support Department of Defense security needs is already in place. Therefore, the Committee strongly encourages the Department of Defense to explore options regarding the use of secure data centers outside of the Department of Defense, including those currently operated for the Department of Homeland Security, to reduce costs and to more rapidly achieve IT modernization through the use of cloud services.

National Security Planning.—The Committee notes that it has yet to receive the report from the Under Secretary of Defense for Policy on the national security implications of environmental impacts, as required by Senate Report 113–211 (July 17, 2014). That report is to address the most serious risks for each of the geographic Combatant Commands, and how those commands are integrating mitigation of those risks into their planning processes. The Committee encourages the Under Secretary of Defense for Policy and the Chairman of the Joint Chiefs of Staff to continue to assess the risks to national security posed by environmental impacts as they plan and execute the National Security Strategy.

Pre-Engineered/Prefabricated Buildings and Structures.—The Committee encourages the Department of Defense to expand utilization of the existing General Services Administration [GSA] Schedule for Pre-Engineered/Prefabricated Buildings and Structures [PEBS]. The Committee urges the Department’s contracting personnel and agency executives to consider the savings in costs and time potentially gained by procuring its facility needs, when possible and practical, through the GSA Schedule. The Committee also encourages the Department’s policy makers and program managers to streamline the process and eliminate any unnecessary bureaucratic, regulatory or policy impediments to such GSA procurement.

Procurement of Personal Protective Equipment.—Organizational Clothing and Individual Equipment [OCIE] and Personal Protective Equipment [PPE] used by the services are specifically designed to meet challenging military requirements. Items such as body armor, eye protection, helmets and other specialized clothing are highly-engineered equipment designed and manufactured to meet rigorous performance standards and stringent production quality requirements. The Secretary of Defense is encouraged to use the best value contracting methods when procuring OCIE and PPE.

Council of Governors and Cyber Capabilities.—The Committee supports the ongoing efforts of the Department of Defense, U.S. Cyber Command, and the Active and Reserve Components of the armed services to develop offensive and defense cyber teams, but recognizes a lack of synchronization among Federal and State stakeholders in developing mission and funding requirements, especially for National Guard cyber teams. The Council of Governors was created as a mechanism for Governors and Federal officials to address matters pertaining to the National Guard, homeland defense, and defense support to civil authorities. As outlined in the Council’s Joint Action Plan for State-Federal Unity of Effort on Cybersecurity, the Council also has a shared responsibility with

Federal partners to enhance a national unity of effort in protecting critical infrastructure from cyber threats. Therefore, the Committee directs the Department of Defense to consult with the Council of Governors regarding cyber mission force requirements and synchronization among the Active, Reserve and National Guard components not later than 60 days after enactment of this act. Additionally, the Committee requests that the Council of Governors report to the congressional defense committees not later than 90 days after enactment of this act, any recommendations regarding cyber mission requirements and synchronization.

Reduce Government Printing.—The Committee is concerned about wasteful printing practices and the lack of clear printing policies within the Department of Defense. While progress has been made to better utilize the cloud and digitalize records, little progress has been made to reform in-house printing practices. The Committee recommends the Department of Defense work with the Office of Management and Budget to reduce printing and reproduction by 34 percent and report to the congressional defense committees not later than 60 days after enactment of this act on what steps have been taken to reduce printing volume and costs. The report should specifically identify how much money the Department of Defense will be saving.

Resourcing the Arctic Strategy.—The Committee directs the Secretary of Defense to submit, in conjunction with fiscal year 2017 budget request exhibits, a concise accounting of the manner in which amounts requested in the budget for fiscal year 2017 support implementation of the Department of Defense’s 2013 Arctic Strategy, including, to the maximum extent practicable, identification of specific obligations that address gaps in research, military infrastructure and capabilities in the Arctic region. The accounting should also make note of obligations for military capabilities unique to the Arctic region. This material should be submitted in unclassified form but may include a classified annex.

OPERATION AND MAINTENANCE, ARMY

Appropriations, 2015	\$31,961,920,000
Budget estimate, 2016	35,107,546,000
Committee recommendation	27,285,099,000

The Committee recommends an appropriation of \$27,285,099,000. This is \$7,822,447,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, ARMY			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	LAND FORCES			
10	MANEUVER UNITS	1,094,429	.....	-1,094,429
20	MODULAR SUPPORT BRIGADES	68,873	68,873	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
30	ECHELONS ABOVE BRIGADES	508,008	508,008	.....
40	THEATER LEVEL ASSETS	763,300	.....	- 763,300
50	LAND FORCES OPERATIONS SUPPORT	1,054,322	.....	- 1,054,322
60	AVIATION ASSETS	1,546,129	.....	- 1,546,129
	LAND FORCES READINESS			
70	FORCE READINESS OPERATIONS SUPPORT	3,158,606	.....	- 3,158,606
80	LAND FORCES SYSTEMS READINESS	438,909	438,909	.....
90	LAND FORCES DEPOT MAINTENANCE	1,214,116	1,291,316	+ 77,200
	LAND FORCES READINESS SUPPORT			
100	BASE OPERATIONS SUPPORT	7,616,008	7,626,508	+ 10,500
110	FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION	2,617,169	2,617,169	.....
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	421,269	421,269	.....
130	COMBATANT COMMANDER'S CORE OPERATIONS	164,743	164,743	.....
170	COMBATANT COMMANDERS ANCILLARY MISSIONS	448,633	428,633	- 20,000
	TOTAL, BUDGET ACTIVITY 1	21,114,514	13,565,428	- 7,549,086
	BUDGET ACTIVITY 2: MOBILIZATION			
	MOBILITY OPERATIONS			
180	STRATEGIC MOBILITY	401,638	401,638	.....
190	ARMY PREPOSITIONED STOCKS	261,683	261,683	.....
200	INDUSTRIAL PREPAREDNESS	6,532	6,532	.....
	TOTAL, BUDGET ACTIVITY 2	669,853	669,853	.....
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
210	OFFICER ACQUISITION	131,536	131,536	.....
220	RECRUIT TRAINING	47,843	47,843	.....
230	ONE STATION UNIT TRAINING	42,565	42,565	.....
240	SENIOR RESERVE OFFICERS TRAINING CORPS	490,378	490,378	.....
	BASIC SKILL AND ADVANCED TRAINING			
250	SPECIALIZED SKILL TRAINING	981,000	956,000	- 25,000
260	FLIGHT TRAINING	940,872	940,872	.....
270	PROFESSIONAL DEVELOPMENT EDUCATION	230,324	230,324	.....
280	TRAINING SUPPORT	603,519	603,519	.....
	RECRUITING AND OTHER TRAINING AND EDUCATION			
290	RECRUITING AND ADVERTISING	491,922	491,922	.....
300	EXAMINING	194,079	194,079	.....
310	OFF-DUTY AND VOLUNTARY EDUCATION	227,951	227,951	.....
320	CIVILIAN EDUCATION AND TRAINING	161,048	161,048	.....
330	JUNIOR RESERVE OFFICERS TRAINING CORPS	170,118	178,118	+ 8,000
	TOTAL, BUDGET ACTIVITY 3	4,713,155	4,696,155	- 17,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	LOGISTICS OPERATIONS			
350	SERVICEWIDE TRANSPORTATION	485,778	485,778	.....
360	CENTRAL SUPPLY ACTIVITIES	813,881	803,881	- 10,000
370	LOGISTICS SUPPORT ACTIVITIES	714,781	687,781	- 27,000
380	AMMUNITION MANAGEMENT	322,127	322,127	.....
	SERVICEWIDE SUPPORT			
390	ADMINISTRATION	384,813	384,813	.....
400	SERVICEWIDE COMMUNICATIONS	1,781,350	1,781,350	.....
410	MANPOWER MANAGEMENT	292,532	292,532	.....
420	OTHER PERSONNEL SUPPORT	375,122	375,122	.....
430	OTHER SERVICE SUPPORT	1,119,848	1,119,848	.....
440	ARMY CLAIMS ACTIVITIES	225,358	225,358	.....
450	REAL ESTATE MANAGEMENT	239,755	239,755	.....
460	BASE OPERATIONS SUPPORT	223,319	223,319	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	SUPPORT OF OTHER NATIONS			
470	SUPPORT OF NATO OPERATIONS	469,865	469,865	.....
480	MISC. SUPPORT OF OTHER NATIONS	40,521	40,521	.....
	OTHER PROGRAMS	1,120,974	1,140,974	+ 20,000
	TOTAL, BUDGET ACTIVITY 4	8,610,024	8,593,024	- 17,000
	EXCESS WORKING CAPITAL FUND CARRYOVER		- 150,000	- 150,000
	MANAGEMENT HEADQUARTERS		- 35,944	- 35,944
	FINANCIAL LITERACY TRAINING		250	+ 250
	SPARES AND REPAIR PARTS		- 53,667	- 53,667
	TOTAL, OPERATION AND MAINTENANCE, ARMY	35,107,546	27,285,099	- 7,822,447

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
111	Maneuver Units	1,094,429	.....	- 1,094,429
	Authorization adjustment: Transfer base requirements to OCO due to BCA			- 1,094,429
114	Theater Level Assets	763,300	.....	- 763,300
	Maintain program affordability: Unjustified growth			- 70,000
	Authorization adjustment: Transfer base requirements to OCO due to BCA			- 693,300
115	Land Forces Operations Support	1,054,322	.....	- 1,054,322
	Authorization adjustment: Transfer base requirements to OCO due to BCA			- 1,054,322
116	Aviation Assets	1,546,129	.....	- 1,546,129
	Authorization adjustment: Transfer base requirements to OCO due to BCA			- 1,546,129
121	Force Readiness Operations Support	3,158,606	.....	- 3,158,606
	Maintain program affordability: Unjustified growth			- 20,000
	Authorization adjustment: Transfer base requirements to OCO due to BCA			- 3,138,606
123	Land Forces Depot Maintenance	1,214,116	1,291,316	+ 77,200
	Authorization adjustment: Readiness funding increase			+ 77,200
131	Base Operations Support	7,616,008	7,626,508	+ 10,500
	Authorization adjustment: Readiness funding increase			+ 10,500
138	Combatant Commands Direct Mission Support	448,633	428,633	- 20,000
	Improving funds management: Overestimation of IT contract support services			- 20,000
321	Specialized Skill Training	981,000	956,000	- 25,000
	Improving funds management: Fiscal year 2015 Sec 9018 financing			- 25,000
335	Junior Reserve Officer Training Corps	170,118	178,118	+ 8,000
	Program increase: Junior Reserve Officer Training Corps			+ 8,000
422	Central Supply Activities	813,881	803,881	- 10,000
	Maintain program affordability: Reduced requirement for Sustainment System Technical Support [SSTS]			- 10,000
423	Logistic Support Activities	714,781	687,781	- 27,000
	Maintain program affordability: Unjustified growth			- 27,000
999	Classified Programs	1,120,974	1,140,974	+ 20,000
	Authorization Adjustment: Additional SOUTHCOM ISR and Intel Support			+ 20,000
UNDIST	Improving funds management: Working Capital Fund carry over		- 150,000	- 150,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
UNDIST	Authorization adjustment: Streamlining Management Headquarters .....	.....	- 35,944	- 35,944
UNDIST	Authorization adjustment: Financial literacy training .....	.....	250	+ 250
UNDIST	Improving funds management: Spares and repair parts .....	.....	- 53,667	- 53,667

Productivity Enhancement Program.—The Department of Defense’s organic depot maintenance capability is vital to our military’s sustainment infrastructure. The Committee encourages the Secretary of the Army to modernize the organic depots’ Electronic Test and Measurement Equipment [ET&ME] to allow cost savings in future maintenance and calibration expenditures.

Aviation Force Structure.—The Committee notes that, due to fiscal constraints caused by the Budget Control Act of 2011 [BCA], total obligational authority provided for the Army’s aviation portfolio has been reduced by approximately \$2,500,000,000 per year through fiscal year 2019. As a direct result, the Army is reducing total active duty Combat Aviation Brigades from 13 to 10 and annual aviation accessions and training throughput from 1,091 students to as few as 750. These reductions limit the Army’s ability to re-grow its aviation portfolio in a post-BCA fiscal environment. The Committee directs the Secretary of the Army to submit to the congressional defense committees, not later than 90 days after enactment of this act, a report outlining the Army’s plans to mitigate impacts on aviation training over fiscal years 2016–2021.

OPERATION AND MAINTENANCE, NAVY

Appropriations, 2015	\$37,590,854,000
Budget estimate, 2016	42,200,756,000
Committee recommendation	25,933,099,000

The Committee recommends an appropriation of \$25,933,099,000. This is \$16,267,657,000 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	2016 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	4,940,365	.....	- 4,940,365
20	FLEET AIR TRAINING	1,830,611	1,830,611	.....
30	AVIATION TECHNICAL DATA AND ENGINEERING SERVICES	37,225	37,225	.....
40	AIR OPERATIONS AND SAFETY SUPPORT	103,456	103,456	.....
50	AIR SYSTEMS SUPPORT	376,844	351,844	- 25,000
60	AIRCRAFT DEPOT MAINTENANCE	897,536	.....	- 897,536
70	AIRCRAFT DEPOT OPERATIONS SUPPORT	33,201	33,201	.....
80	AVIATION LOGISTICS	544,056	504,056	- 40,000

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	SHIP OPERATIONS			
90	MISSION AND OTHER SHIP OPERATIONS	4,287,658	.....	- 4,287,658
100	SHIP OPERATIONS SUPPORT AND TRAINING	787,446	787,446	.....
110	SHIP DEPOT MAINTENANCE	5,960,951	.....	- 5,960,951
120	SHIP DEPOT OPERATIONS SUPPORT	1,554,863	1,554,863	.....
	COMBAT COMMUNICATIONS/SUPPORT			
130	COMBAT COMMUNICATIONS	704,415	704,415	.....
140	ELECTRONIC WARFARE	96,916	96,916	.....
150	SPACE SYSTEMS AND SURVEILLANCE	192,198	192,198	.....
160	WARFARE TACTICS	453,942	453,942	.....
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	351,871	351,871	.....
180	COMBAT SUPPORT FORCES	1,186,847	1,171,847	- 15,000
190	EQUIPMENT MAINTENANCE	123,948	123,948	.....
200	DEPOT OPERATIONS SUPPORT	2,443	2,443	.....
210	COMBATANT COMMANDERS CORE OPERATIONS	98,914	95,214	- 3,700
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	73,110	73,110	.....
	WEAPONS SUPPORT			
230	CRUISE MISSILE	110,734	110,734	.....
240	FLEET BALLISTIC MISSILE	1,206,736	1,206,736	.....
250	IN-SERVICE WEAPONS SYSTEMS SUPPORT	141,664	141,664	.....
260	WEAPONS MAINTENANCE	523,122	523,122	.....
270	OTHER WEAPON SYSTEMS SUPPORT	371,872	371,872	.....
	BASE SUPPORT			
280	ENTERPRISE INFORMATION TECHNOLOGY	896,061	896,061	.....
290	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	2,220,423	2,220,423	.....
300	BASE OPERATING SUPPORT	4,472,468	4,472,468	.....
	TOTAL, BUDGET ACTIVITY 1	34,581,896	18,411,686	- 16,170,210
	BUDGET ACTIVITY 2: MOBILIZATION			
	READY RESERVE AND PREPOSITIONING FORCES			
310	SHIP PREPOSITIONING AND SURGE	422,846	422,846	.....
	ACTIVATIONS/INACTIVATIONS			
320	AIRCRAFT ACTIVATIONS/INACTIVATIONS	6,464	6,464	.....
330	SHIP ACTIVATIONS/INACTIVATIONS	361,764	361,764	.....
	MOBILIZATION PREPAREDNESS			
340	FLEET HOSPITAL PROGRAM	69,530	69,530	.....
350	INDUSTRIAL READINESS	2,237	2,237	.....
360	COAST GUARD SUPPORT	21,823	21,823	.....
	TOTAL, BUDGET ACTIVITY 2	884,664	884,664	.....
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
370	OFFICER ACQUISITION	149,375	149,375	.....
380	RECRUIT TRAINING	9,035	9,035	.....
390	RESERVE OFFICERS TRAINING CORPS	156,290	156,290	.....
	BASIC SKILLS AND ADVANCED TRAINING			
400	SPECIALIZED SKILL TRAINING	653,728	653,728	.....
410	FLIGHT TRAINING	8,171	8,171	.....
420	PROFESSIONAL DEVELOPMENT EDUCATION	168,471	168,471	.....
430	TRAINING SUPPORT	196,048	196,048	.....
	RECRUITING, AND OTHER TRAINING AND EDUCATION			
440	RECRUITING AND ADVERTISING	234,233	235,433	+ 1,200
450	OFF-DUTY AND VOLUNTARY EDUCATION	137,855	137,855	.....
460	CIVILIAN EDUCATION AND TRAINING	77,257	69,257	- 8,000
470	JUNIOR ROTC	47,653	47,653	.....
	TOTAL, BUDGET ACTIVITY 3	1,838,116	1,831,316	- 6,800

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE SUPPORT			
480	ADMINISTRATION	923,771	923,771	.....
490	EXTERNAL RELATIONS	13,967	13,967	.....
500	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	120,812	120,812	.....
510	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	350,983	346,983	- 4,000
520	OTHER PERSONNEL SUPPORT	265,948	265,948	.....
530	SERVICEWIDE COMMUNICATIONS	335,482	335,482	.....
	LOGISTICS OPERATIONS AND TECHNICAL SUPPORT			
550	SERVICEWIDE TRANSPORTATION	197,724	197,724	.....
570	PLANNING, ENGINEERING AND DESIGN	274,936	274,936	.....
580	ACQUISITION AND PROGRAM MANAGEMENT	1,122,178	1,122,178	.....
590	HULL, MECHANICAL AND ELECTRICAL SUPPORT	48,587	48,587	.....
600	COMBAT/WEAPONS SYSTEMS	25,599	25,599	.....
610	SPACE AND ELECTRONIC WARFARE SYSTEMS	72,768	72,768	.....
	SECURITY PROGRAMS			
620	NAVAL INVESTIGATIVE SERVICE	577,803	577,803	.....
	SUPPORT OF OTHER NATIONS			
680	INTERNATIONAL HEADQUARTERS AND AGENCIES	4,768	4,768	.....
	OTHER PROGRAMS			
	OTHER PROGRAMS	560,754	560,754	.....
	TOTAL, BUDGET ACTIVITY 4	4,896,080	4,892,080	- 4,000
	MANAGEMENT HEADQUARTERS .....	.....	- 33,230	- 33,230
	FINANCIAL LITERACY TRAINING .....	.....	250	+ 250
	SPARES AND REPAIR PARTS .....	.....	- 53,667	- 53,667
	TOTAL, OPERATION AND MAINTENANCE, NAVY	42,200,756	25,933,099	- 16,267,657

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1A1A	Mission and Other Flight Operations	4,940,365	.....	- 4,940,365
	Authorization adjustment: Transfer base requirement to OCO due to BCA .....	.....	.....	- 4,940,365
1A4N	Air Systems Support	376,844	351,844	- 25,000
	Improving funds management: Fiscal year 2015 Sec 9018 financing .....	.....	.....	- 25,000
1A5A	Aircraft Depot Maintenance	897,536	.....	- 897,536
	Authorization adjustment: Transfer base requirement to OCO due to BCA .....	.....	.....	- 897,536
1A9A	Aviation Logistics	544,056	504,056	- 40,000
	Improving funds management: Fiscal year 2015 Sec 9018 financing .....	.....	.....	- 40,000
1B1B	Mission and Other Ship Operations	4,287,658	.....	- 4,287,658
	Maintain Program Affordability: Unjustified growth .....	.....	.....	- 70,000
	Authorization adjustment: Transfer base requirement to OCO due to BCA .....	.....	.....	- 4,217,658
1B4B	Ship Depot Maintenance	5,960,951	.....	- 5,960,951
	Authorization adjustment: Transfer base requirement to OCO due to BCA .....	.....	.....	- 5,960,951
1C6C	Combat Support Forces	1,186,847	1,171,847	- 15,000
	Maintain Program Affordability: Unjustified growth .....	.....	.....	- 15,000
1CCH	Combatant Commanders Core Operations	98,914	95,214	- 3,700

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Transfer ARCTIC EDGE and NORTHERN EDGE funding: To O&MDW, OSD line, CE2T2 program			– 3,700
3C1L	Recruiting and Advertising	234,233	235,433	+ 1,200
	Program increase: Naval Sea Cadet Corps			+ 1,200
3C4L	Civilian Education and Training	77,257	69,257	– 8,000
	Maintain Program Affordability: Unjustified growth			– 8,000
4A4M	Military Manpower and Personnel Management	350,983	346,983	– 4,000
	Maintain Program Affordability: Unjustified growth			– 4,000
UNDIST	Authorization adjustment: Streamlining Management Headquarters		– 33,230	– 33,230
UNDIST	Authorization adjustment: Financial literacy training		250	+ 250
UNDIST	Improving funds management: Spares and repair parts		– 53,667	– 53,667

Naval Shipyard Apprentice Program.—The Committee directs that during fiscal year 2016 the Navy shall induct classes of no fewer than 100 apprentices, respectively, at each of the naval shipyards. The Committee further directs the Navy to include the costs of the fiscal year 2017 class of apprentices in its budget request.

U.S. Coast Guard.—The Committee is aware that Department of Defense [DOD] regulations currently restrict DOD mission appropriated funded activities from offering reimbursable rates to non-DOD agencies. This restriction forces the Navy to charge the U.S. Coast Guard fully burdened rates for drydocking services at Navy shipyards rather than reimbursable rates. Therefore, the Committee directs that funds appropriated under Operation and Maintenance, Navy may be used to pay overhead costs incurred by a Naval Shipyard when drydocking U.S. Coast Guard ships.

Bromine-free Water Purification Systems.—Until recently, most-onboard ship water purification systems used bromine as an antimicrobial. However, bromine is toxic and requires special hazardous material [HAZMAT] handling which is time consuming and expensive. While the Navy has placed bromine-free systems on most of the large-deck surface ship classes, it has not yet removed bromine systems from the Littoral Combat Ship, *Ticonderoga* class cruisers, destroyers or frigates. The Committee urges the Navy to consider using systems that eliminate this HAZMAT threat to personnel.

ARCTIC EDGE and NORTHERN EDGE EXERCISES.—ARCTIC EDGE and NORTHERN EDGE are joint Combatant Command exercises that bring mission partners together to exercise operational response plans for U.S. Northern Command [USNORTHCOM] and U.S. Pacific Command [USPACOM] missions. Historically, USNORTHCOM has executed ARCTIC EDGE in even years, and USPACOM has executed NORTHERN EDGE in odd years. In conjunction with the transfer of Alaskan Command [ALCOM] from USPACOM to USNORTHCOM in October 2014, the Committee realigns \$3,700,000 from Operation and Maintenance, Navy line 1CCH, to the Combatant Commander Exercise Engagement Training Transformation [CE2T2] account under the Office of the Secretary of Defense line in Operation and Maintenance, Defense-wide to execute fiscal year 2016 ARCTIC EDGE and fund planning activities for the fiscal year 2017 NORTHERN EDGE. For subsequent fiscal years, the Committee assumes the Secretary of

Defense will continue to program funds in a similar fashion to execute NORTHERN EDGE and fund planning activities for ARCTIC EDGE in odd fiscal years and to execute ARCTIC EDGE and fund planning activities for NORTHERN EDGE in even fiscal years to support alternating biennial exercises. USNORTHCOM and USPACOM will continue to provide CJCS Exercise Strategic Lift from their respective CE2T2 Joint Exercise Training Program funding.

Tubular Light-Emitting Diode Technology.—The Committee commends the Navy for its increasing use of tubular light-emitting diode [T-LED] lighting and encourages it to continue these activities. The Committee urges the Navy to consider updating lighting specifications for ships and bases so T-LED use is an option, developing an approved products list for T-LEDs that is broadly available for use in all vessels and bases, using “total life cycle costs” to determine the value of T-LEDs, and making the installation of T-LEDs in vessels a priority when appropriate, such as during ship retrofits and new builds.

Ship Overhaul Opportunistic Part-Marking Compliance.—The Committee supports the Navy’s efforts to improve compliance with its Opportunistic Part-Marking policy during ship overhauls and repairs at shipyards across the country. Compliance with the policy will help the Navy produce clean financial audits, lower total life-cycle cost, identify counterfeit parts, and save taxpayer funding through improved productivity, efficiency, maintenance, and logistical planning.

OPERATION AND MAINTENANCE, MARINE CORPS

Appropriations, 2015	\$5,610,063,000
Budget estimate, 2016	6,228,782,000
Committee recommendation	5,277,785,000

The Committee recommends an appropriation of \$5,277,785,000. This is \$950,997,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, MARINE CORPS			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	EXPEDITIONARY FORCES			
10	OPERATIONAL FORCES	931,079		— 931,079
20	FIELD LOGISTICS	931,757	931,757	
30	DEPOT MAINTENANCE	227,583	227,583	
	USMC PREPOSITIONING			
40	MARITIME PREPOSITIONING	86,259	86,259	
50	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	746,237	746,237	
60	BASE OPERATING SUPPORT	2,057,362	2,071,362	+ 14,000
	TOTAL, BUDGET ACTIVITY 1	4,980,277	4,063,198	— 917,079

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
70	RECRUIT TRAINING	16,460	16,460	.....
80	OFFICER ACQUISITION	977	977	.....
	BASIC SKILLS AND ADVANCED TRAINING			
90	SPECIALIZED SKILLS TRAINING	97,325	97,325	.....
100	PROFESSIONAL DEVELOPMENT EDUCATION	40,786	40,786	.....
110	TRAINING SUPPORT	347,476	347,476	.....
	RECRUITING AND OTHER TRAINING EDUCATION			
120	RECRUITING AND ADVERTISING	164,806	164,806	.....
130	OFF-DUTY AND VOLUNTARY EDUCATION	39,963	37,963	- 2,000
140	JUNIOR ROTC	23,397	23,397	.....
	TOTAL, BUDGET ACTIVITY 3	731,190	729,190	- 2,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE SUPPORT			
150	SERVICEWIDE TRANSPORTATION	37,386	37,386	.....
160	ADMINISTRATION	358,395	358,395	.....
180	ACQUISITION AND PROGRAM MANAGEMENT	76,105	76,105	.....
	SECURITY PROGRAMS			
	SECURITY PROGRAMS	45,429	45,429	.....
	TOTAL, BUDGET ACTIVITY 4	517,315	517,315	.....
	MANAGEMENT HEADQUARTERS .....	.....	- 7,168	- 7,168
	WORKING CAPITAL FUND CARRYOVER .....	.....	- 10,000	- 10,000
	SAVINGS FROM EXCESS INVENTORY PURCHASE .....	.....	- 15,000	- 15,000
	FINANCIAL LITERACY TRAINING .....	.....	250	+ 250
	TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	6,228,782	5,277,785	- 950,997

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1A1A	Operational Forces	931,079	.....	- 931,079
	Budget documentation disparity: Aviation plan .....	.....	.....	- 4,000
	Authorization adjustment: Transfer base requirement to OCO due to BCA .....	.....	.....	- 927,079
BSS1	Base Operating Support	2,057,362	2,071,362	+ 14,000
	Program increase: Behavioral health community counseling .....	.....	.....	+ 14,000
3C2F	Off-Duty and Voluntary Education	39,963	37,963	- 2,000
	Improving funds management: Savings assumed from distance learning initiatives .....	.....	.....	- 2,000
UNDIST	Authorization adjustment: Streamlining Management Headquarters .....	.....	- 7,168	- 7,168
UNDIST	Improving funds management: Working Capital Fund carry over above allowable ceiling .....	.....	- 10,000	- 10,000
UNDIST	Improving funds management: Anticipated savings from excess inventory purchases .....	.....	- 15,000	- 15,000
UNDIST	Authorization adjustment: Financial literacy training .....	.....	250	+ 250

OPERATION AND MAINTENANCE, AIR FORCE

Appropriations, 2015 \$34,539,965,000
 Budget estimate, 2016 38,144,988,000
 Committee recommendation 26,144,988,000

The Committee recommends an appropriation of \$26,144,988,000.
 This is \$12,046,941,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, AIR FORCE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	AIR OPERATIONS			
10	PRIMARY COMBAT FORCES	3,336,868	1,276,256	- 2,060,612
20	COMBAT ENHANCEMENT FORCES	1,897,315	.....	- 1,897,315
30	AIR OPERATIONS TRAINING	1,797,549	1,767,549	- 30,000
40	DEPOT MAINTENANCE	6,537,127	.....	- 6,537,127
50	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	1,997,712	1,997,712	.....
60	BASE OPERATING SUPPORT	2,841,948	2,841,948	.....
	COMBAT RELATED OPERATIONS			
70	GLOBAL C3I AND EARLY WARNING	930,341	940,341	+ 10,000
80	OTHER COMBAT OPERATIONS SUPPORT PROGRAMS	924,845	924,845	.....
	SPACE OPERATIONS			
100	LAUNCH FACILITIES	271,177	271,177	.....
110	SPACE CONTROL SYSTEMS	382,824	382,824	.....
120	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	900,965	889,965	- 11,000
130	COMBATANT COMMANDERS CORE OPERATIONS	205,078	199,078	- 6,000
	CLASSIFIED PROGRAMS	907,496	907,496	.....
	TOTAL, BUDGET ACTIVITY 1	22,931,245	12,399,191	- 10,532,054
	BUDGET ACTIVITY 2: MOBILIZATION			
	MOBILITY OPERATIONS			
140	AIRLIFT OPERATIONS	2,229,196	2,229,196	.....
150	MOBILIZATION PREPAREDNESS	148,318	148,318	.....
160	DEPOT MAINTENANCE	1,617,571	.....	- 1,617,571
170	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	259,956	259,956	.....
180	BASE SUPPORT	708,799	708,799	.....
	TOTAL, BUDGET ACTIVITY 2	4,963,840	3,346,269	- 1,617,571
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
190	OFFICER ACQUISITION	92,191	92,191	.....
200	RECRUIT TRAINING	21,871	21,871	.....
210	RESERVE OFFICER TRAINING CORPS (ROTC)	77,527	77,527	.....
220	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	228,500	228,500	.....
230	BASE SUPPORT (ACADEMIES ONLY)	772,870	772,870	.....
	BASIC SKILLS AND ADVANCED TRAINING			
240	SPECIALIZED SKILL TRAINING	359,304	359,304	.....
250	FLIGHT TRAINING	710,553	710,553	.....
260	PROFESSIONAL DEVELOPMENT EDUCATION	228,252	228,252	.....
270	TRAINING SUPPORT	76,464	76,464	.....
280	DEPOT MAINTENANCE	375,513	375,513	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	RECRUITING AND OTHER TRAINING AND EDUCATION			
290	RECRUITING AND ADVERTISING	79,690	79,690	.....
300	EXAMINING	3,803	3,803	.....
310	OFF DUTY AND VOLUNTARY EDUCATION	180,807	180,807	.....
320	CIVILIAN EDUCATION AND TRAINING	167,478	167,478	.....
330	JUNIOR ROTC	59,263	59,263	.....
	TOTAL, BUDGET ACTIVITY 3	3,434,086	3,434,086	.....
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	LOGISTICS OPERATIONS			
340	LOGISTICS OPERATIONS	1,141,491	1,124,491	- 17,000
350	TECHNICAL SUPPORT ACTIVITIES	862,022	842,022	- 20,000
360	DEPOT MAINTENANCE	61,745	61,745	.....
370	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	298,759	298,759	.....
380	BASE SUPPORT	1,108,220	1,108,220	.....
	SERVICEWIDE ACTIVITIES			
390	ADMINISTRATION	689,797	681,797	- 8,000
400	SERVICEWIDE COMMUNICATIONS	498,053	498,053	.....
410	OTHER SERVICEWIDE ACTIVITIES	900,253	900,253	.....
420	CIVIL AIR PATROL CORPORATION	25,411	27,711	+ 2,300
	SECURITY PROGRAMS			
	SECURITY PROGRAMS	1,187,859	1,190,860	+ 3,001
	SUPPORT TO OTHER NATIONS			
450	INTERNATIONAL SUPPORT	89,148	89,148	.....
	OPERATING FORCES			
	TOTAL, BUDGET ACTIVITY 4	6,862,758	6,823,059	- 39,699
	MANAGEMENT HEADQUARTERS .....	.....	- 31,801	- 31,801
	SAVINGS FROM ENTERPRICE LICENSE AGREEMENTS .....	.....	- 35,000	- 35,000
	RESTORE EC-130 COMPASS CALL .....	.....	27,300	+ 27,300
	RESTORE A-10 .....	.....	235,300	+ 235,300
	FINANCIAL LITERACY TRAINING .....	.....	250	+ 250
	SPARES AND REPAIR PARTS .....	.....	- 53,666	- 53,666
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE	38,191,929	26,144,988	- 12,046,941

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
011A	Primary Combat Forces	3,336,868	1,276,256	- 2,060,612
	Authorization adjustment: Transfer base requirement to OCO due to BCA .....	.....	.....	- 2,060,612
011C	Combat Enhancement Forces	1,897,315	.....	- 1,897,315
	Maintain program affordability: Unjustified growth .....	.....	.....	- 20,000
	Improving funds management: Program requirement decreases unaccounted for .....	.....	.....	- 25,000
	Authorization adjustment: Transfer base requirement to OCO due to BCA .....	.....	.....	- 1,852,315
011D	Air Operations Training (OJT, Maintain Skills)	1,797,549	1,767,549	- 30,000
	Maintain program affordability: Unjustified growth .....	.....	.....	- 30,000
011M	Depot Maintenance	6,537,127	.....	- 6,537,127
	Budget documentation disparity: Remove fiscal year 2015 contractor logistics support costs .....	.....	.....	- 40,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Authorization adjustment: Transfer base requirement to OCO due to BCA			-6,497,127
012A	Global C3I and Early Warning	930,341	940,341	+10,000
	Program increase: Global C3I and Early Warning			+10,000
015A	Combatant Commanders Direct Mission Support	900,965	889,965	-11,000
	Maintain program affordability: Unjustified growth			-11,000
015B	Combatant Commanders Core Operations	205,078	199,078	-6,000
	Maintain program affordability: Unjustified growth			-6,000
021M	Depot Maintenance	1,617,571		-1,617,571
	Authorization adjustment: Transfer base requirement to OCO due to BCA			-1,617,571
041A	Logistics Operations	1,141,491	1,124,491	-17,000
	Budget documentation disparity: O&M and IT budget justification inconsistencies			-17,000
041B	Technical Support Activities	862,022	842,022	-20,000
	Maintain program affordability: Unjustified growth			-20,000
042A	Administration	689,797	681,797	-8,000
	Budget documentation disparity: Duplicate request			-8,000
042I	Civil Air Patrol	25,411	27,711	+2,300
	Program increase: Civil Air Patrol			+2,300
999	Classified Programs	1,187,859	1,190,860	+3,001
	Classified program adjustment			+3,001
UNDIST	Authorization adjustment: Streamlining Management Headquarters		-31,801	-31,801
UNDIST	Improving funds management: Savings assumed from consolidating enterprise license agreements		-35,000	-35,000
UNDIST	Authorization adjustment: Restore EC-130 Compass Call		27,300	+27,300
UNDIST	Authorization adjustment: Restore A-10		235,300	+235,300
UNDIST	Authorization adjustment: Financial literacy training		250	+250
UNDIST	Improving funds management: Spares and repair parts		-53,666	-53,666

Combatant Commands Direct Mission Support.—The Air Force request includes Combatant Command direct mission funding which supports the various geographic and functional missions assigned to support the National Security Strategy and National Military Strategy. The Air Force is the Combatant Command Support Agent [CCSA] for U.S. Central Command [CENTCOM], U.S. Northern Command [NORTHCOM], North American Aerospace Defense Command [NORAD], U.S. Special Operations Command [SOCOM], U.S. Strategic Command [STRATCOM], and U.S. Transportation Command [TRANSCOM]. The budget justification for the Combatant Commands lacks the details necessary to adequately review the programs. The Committee recommendation includes full funding for STRATCOM and encourages the Air Force to continue to improve the justification for Combatant Commands Direct Mission Support.

Nuclear Force Improvement Program.—The Committee welcomes recent efforts by the Air Force to reinvigorate its nuclear enterprise, which includes the ground-based and air-based legs of the Nation's nuclear triad. The recommendation supports the fiscal year 2016 budget request of more than \$130,000,000 for the Nuclear Force Improvement Program [NFIP] spread across the personnel and operation and maintenance accounts. The Committee directs the Secretary of the Air Force to provide a report to the congressional defense committees not later than 180 days after enactment of this act that lists investments made in the NFIP by fiscal

year, and describes how these investments improve the health of the Air Force's nuclear enterprise.

Powder River Training Complex.—The Committee recognizes the importance of viable airspace ranges to support training operations for the Active, Guard, and Reserve components. It also recognizes that the implementation of approved airspace must be done in a safe and coordinated fashion. The Committee encourages the Air Force to continue to work with the Federal Aviation Administration and all interested parties as the Powder River Training Complex Record of Decision is implemented. Facilitating emergency air traffic and providing, timely, regular updates concerning airspace usage and scheduling via electronic distribution networks to ensure that interested party concerns are received and addressed are of particular concern.

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Appropriations, 2015	\$30,824,752,000
Budget estimate, 2016	32,440,843,000
Committee recommendation	32,124,431,000

The Committee recommends an appropriation of \$32,124,431,000. This is \$316,412,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, DEFENSE-WIDE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
10	JOINT CHIEFS OF STAFF	485,888	490,888	+ 5,000
	OFFICE OF THE SECRETARY OF DEFENSE	534,795	534,795	.....
20	SPECIAL OPERATIONS COMMAND	4,862,368	4,818,368	− 44,000
	TOTAL, BUDGET ACTIVITY 1	5,883,051	5,844,051	− 39,000
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
30	DEFENSE ACQUISITION UNIVERSITY	142,659	142,659	.....
40	NATIONAL DEFENSE UNIVERSITY	78,416	78,416	.....
50	SPECIAL OPERATIONS COMMAND	354,372	354,372	.....
	TOTAL, BUDGET ACTIVITY 3	575,447	575,447	.....
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
60	CIVIL MILITARY PROGRAMS	160,320	190,320	+ 30,000
80	DEFENSE CONTRACT AUDIT AGENCY	570,177	570,177	.....
90	DEFENSE CONTRACT MANAGEMENT AGENCY	1,374,536	1,374,536	.....
100	DEFENSE HUMAN RESOURCES ACTIVITY	642,551	678,851	+ 36,300
110	DEFENSE INFORMATION SYSTEMS AGENCY	1,282,755	1,285,255	+ 2,500
130	DEFENSE LEGAL SERVICES AGENCY	26,073	26,073	.....
140	DEFENSE LOGISTICS AGENCY	366,429	389,101	+ 22,672
150	DEFENSE MEDIA ACTIVITY	192,625	192,625	.....
160	DEFENSE POW /MISSING PERSONS OFFICE	115,372	115,372	.....
170	DEFENSE SECURITY COOPERATION AGENCY	524,723	495,523	− 29,200
180	DEFENSE SECURITY SERVICE	508,396	517,596	+ 9,200
200	DEFENSE TECHNOLOGY SECURITY AGENCY	33,577	33,577	.....
	DEFENSE THREAT REDUCTION AGENCY	415,696	415,696	.....
230	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,753,771	2,783,746	+ 29,975

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
240	MISSILE DEFENSE AGENCY	432,068	424,568	- 7,500
260	OFFICE OF ECONOMIC ADJUSTMENT	110,612	90,612	- 20,000
270	OFFICE OF THE SECRETARY OF DEFENSE	1,388,285	1,368,735	- 19,550
280	SPECIAL OPERATIONS COMMAND	83,263	83,263	.....
290	WASHINGTON HEADQUARTERS SERVICES	621,688	621,688	.....
	OTHER PROGRAMS	14,379,428	14,165,594	- 213,834
	TOTAL, BUDGET ACTIVITY 4	25,982,345	25,822,908	- 159,437
	IMPACT AID .....	.....	30,000	+ 30,000
	IMPACT AID FOR CHILDREN WITH DISABILITIES .....	.....	5,000	+ 5,000
	MANAGEMENT HEADQUARTERS .....	.....	- 152,975	- 152,975
	TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	32,440,843	32,124,431	- 316,412

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Joint Chiefs of Staff	485,888	490,888	+ 5,000
	Budget documentation disparity: O&M and IT budget justification are inconsistent .....	.....	.....	- 15,000
	Authorization adjustment: Middle East Assurance Initiative .....	.....	.....	+ 20,000
	Special Operations Command/Operating Forces	4,862,368	4,818,368	- 44,000
	Improving funds management: Civilian FTE Overestimation .....	.....	.....	- 30,000
	Budget documentation disparity: Removal of one-time fiscal year 2015 cost .....	.....	.....	- 12,000
	Budget documentation disparity: Program termination unaccounted for .....	.....	.....	- 2,000
	Civil Military Programs	160,320	190,320	+ 30,000
	Program increase: STARBASE .....	.....	.....	+ 25,000
	Program increase: Innovative readiness training .....	.....	.....	+ 5,000
	Defense Human Resources Activity	642,551	678,851	+ 36,300
	Budget documentation disparity: Program termination unaccounted for .....	.....	.....	- 3,000
	Budget documentation disparity: Program transfer to OUSD(C) unaccounted for .....	.....	.....	- 5,700
	Program increase: Sexual Assault Special Victims' Counsel .....	.....	.....	+ 25,000
	Program increase: Beyond Yellow Ribbon .....	.....	.....	+ 20,000
	Defense Information Systems Agency	1,282,755	1,285,255	+ 2,500
	Program increase: Defense Enterprise Computing Centers .....	.....	.....	+ 2,500
	Defense Logistics Agency	366,429	389,101	+ 22,672
	Maintain program affordability: Unjustified growth in DOD Enterprise Business Systems .....	.....	.....	- 4,000
	Program increase: Procurement Technical Assistance .....	.....	.....	+ 11,672
	Program increase: Asset tracking and in-transit visibility .....	.....	.....	+ 15,000
	Defense Security Cooperation Agency	524,723	495,523	- 29,200
	Authorization adjustment: Reduction to Combating Terrorism Fellowship .....	.....	.....	- 7,000
	Maintain program affordability: Global Security Contingency Fund .....	.....	.....	- 22,200
	Defense Security Service	508,396	517,596	+ 9,200

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Transfer Insider Threat/Continuous Evaluation: DSS-requested from RDDW			+ 9,200
	Department of Defense Education Activity	2,753,771	2,783,746	+ 29,975
	Maintain program affordability: Updated program requirements			- 5,000
	Budget documentation disparity: Program transfer to OUSD(C) unaccounted for			- 1,200
	Authorization adjustment: School lunches for territories			+ 250
	Authorization adjustment: Financial literacy training			+ 35,925
	Missile Defense Agency	432,068	424,568	- 7,500
	Improving funds management: THAAD batteries sustainment funded early to need			- 4,900
	Budget documentation disparity: Undistributed reduction-program transfer to OUSD(C) unaccounted for ..			- 2,600
	Office of Economic Adjustment	110,612	90,612	- 20,000
	Authorization adjustment: Guam civilian water and wastewater funding ahead of need			- 20,000
	Office of the Secretary of Defense	1,388,285	1,368,735	- 19,550
	Authorization adjustment: OUSD (AT&L) BRAC planning			- 10,500
	Maintain program affordability: OUSD (Policy) unjustified growth			- 3,000
	Maintain program affordability: Contract service spending reduction			- 30,000
	Transfer ARCTIC EDGE and NORTHERN EDGE funding: To the CE2T2 program from O&M Navy, line 1CCH ...			+ 3,700
	Program increase: Healthy Base Initiative			+ 3,000
	Program increase: Fruit and Vegetable Prescription Plan Pilot			+ 1,500
	Program increase: Readiness and Environmental Protection Initiative			+ 14,750
	Authorization adjustment: OSD Fleet architecture study			+ 1,000
	Classified Programs	14,379,428	14,165,594	- 213,834
	Classified program adjustment			- 224,834
	Classified program increase: Information Systems Security Program			+ 11,000
UNDIST	Authorization adjustment: Streamlining Management Headquarters for Non-NIP agencies		- 152,975	- 152,975
UNDIST	Authorization adjustment: Impact Aid		30,000	+ 30,000
UNDIST	Program increase: Impact Aid for children with severe disabilities		5,000	+ 5,000

Defense Language National Security Education Office.—The Committee recognizes that, in partnership with universities across the country, the National Security Education Program provides critical training for servicemembers and government officials in a number of languages and strategic cultures, including those of the Arab world, Afghanistan, China, and Iran. The Committee encourages the Department of Defense to continue placing a high priority on these programs to ensure warfighters receive the language and culture training needed to complete their missions effectively.

Defense Personnel Accounting Agency.—The Committee is pleased with the establishment of the Defense Personnel Accounting Agency [DPAA], which is responsible for the national effort to develop and implement policy on all matters relating to personnel accounting. The Committee encourages the Department to partner with research universities with expertise in archeology and remains recovery in order to provide the fullest possible accounting for missing personnel from past conflicts.

Wildlife Trafficking.—The committee supports efforts by Africa Command and Special Operations Command to assist in the limitation of animal poaching and wildlife trafficking through their capacity building engagements with African governments and authorities, including “train the trainer” exchanges and exercises and encourages the continuation of these engagements in areas affected by wildlife trafficking. The committee also encourages the Department of Defense to examine avenues to facilitate the provision of surplus and retired U.S. military equipment to governments engaged in countering wildlife trafficking. The committee directs the Secretary of Defense to report to the congressional defense committees not later than 120 days after enactment of this act, describing the planned activities in support of the National Strategy for Combating Wildlife Trafficking Implementation Plan.

Counter-Lord’s Resistance Army.—The Department of Defense shall continue its support of Operation Observant Compass to enable regional partners to continue to conduct operations against Joseph Kony and the Lord’s Resistance Army.

African Standby Force.—The Committee recognizes that the rapid deployment capability envisioned for the African Standby Force [ASF] has the potential to counter emerging crises and provide greatly needed peacekeeping support in Africa. However, this capability has been slow to develop, faces inadequate troop contributions, and has yet to reach full operational capability more than a decade since its inception. As the combatant command overseeing U.S. military policy in Africa, Africa Command [AFRICOM] may have a constructive role in engaging the African Union’s Regional Economic Communities who are tasked to provide the necessary capabilities to bring ASF to full operational capability. Therefore, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees not later than 120 days after enactment of this act, on AFRICOM’s capabilities to engage the Regional Economic Communities. The report should also include an assessment of the military capacity shortfalls, to include logistics and airlift that must be addressed as African nations stand up a capable response force.

Communities Affected by Army Force Structure Reductions.—The Committee is concerned about the economic impact of Army force structure reductions on local communities and directs the Department of Defense Office of Economic Adjustment to make economic adjustment assistance available to communities affected by such reductions. The Director of the Office of Economic Adjustment shall submit to congressional defense committees, not later than 90 days after the date upon which the Army announces a force structure change involving the reduction of 1,000 or more soldiers at any one location, a report detailing assistance that will be made available to communities adversely affected by the decision.

OPERATION AND MAINTENANCE, ARMY RESERVE

Appropriations, 2015	\$2,513,393,000
Budget estimate, 2016	2,665,792,000
Committee recommendation	2,679,992,000

The Committee recommends an appropriation of \$2,679,992,000. This is \$14,200,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, ARMY RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	LAND FORCES			
20	MODULAR SUPPORT BRIGADES	16,612	16,612	.....
30	ECHELONS ABOVE BRIGADES	486,531	486,531	.....
40	THEATER LEVEL ASSETS	105,446	105,446	.....
50	LAND FORCES OPERATIONS SUPPORT	516,791	511,191	- 5,600
60	AVIATION ASSETS	87,587	87,587	.....
	LAND FORCES READINESS			
70	FORCES READINESS OPERATIONS SUPPORT	348,601	354,601	+ 6,000
80	LAND FORCES SYSTEM READINESS	81,350	81,350	.....
90	DEPOT MAINTENANCE	59,574	91,974	+ 32,400
	LAND FORCES READINESS SUPPORT			
100	BASE OPERATIONS SUPPORT	570,852	552,252	- 18,600
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	245,686	245,686	.....
120	MANAGEMENT AND OPERATIONS HEADQUARTERS	40,962	40,962	.....
	TOTAL, BUDGET ACTIVITY 1	2,559,992	2,574,192	+ 14,200
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
130	SERVICEWIDE TRANSPORTATION	10,665	10,665	.....
140	ADMINISTRATION	18,390	18,390	.....
150	SERVICEWIDE COMMUNICATIONS	14,976	14,976	.....
160	PERSONNEL/FINANCIAL ADMINISTRATION	8,841	8,841	.....
170	RECRUITING AND ADVERTISING	52,928	52,928	.....
	TOTAL, BUDGET ACTIVITY 4	105,800	105,800	.....
	TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	2,665,792	2,679,992	+ 14,200

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
115	Land Forces Operations Support	516,791	511,191	- 5,600
	Budget documentation disparity: Contract services transfer not accounted for in budget documentation .....	.....	.....	- 5,600
121	Force Readiness Operations Support	348,601	354,601	+ 6,000
	Program increase: Cybersecurity training .....	.....	.....	+ 6,000
123	Land Forces Depot Maintenance	59,574	91,974	+ 32,400
	Authorization adjustment: Readiness funding increase .....	.....	.....	+ 32,400
131	Base Operations Support	570,852	552,252	- 18,600
	Budget documentation disparity: Justification does not match summary of price and program changes .....	.....	.....	- 13,000
	Improving funds management: Fiscal year 2015 Sec 9018 financing .....	.....	.....	- 5,600

OPERATION AND MAINTENANCE, NAVY RESERVE

Appropriations, 2015	\$1,021,200,000
Budget estimate, 2016	1,001,758,000
Committee recommendation	998,758,000

The Committee recommends an appropriation of \$998,758,000. This is \$3,000,000 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]

	Item	2016 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	563,722	563,722	.....
20	INTERMEDIATE MAINTENANCE	6,218	6,218	.....
40	AIRCRAFT DEPOT MAINTENANCE	82,712	79,712	- 3,000
50	AIRCRAFT DEPOT OPERATIONS SUPPORT	326	326	.....
60	AVIATION LOGISTICS	13,436	13,436	.....
	RESERVE SHIP OPERATIONS			
70	SHIP OPERATIONAL SUPPORT AND TRAINING	557	557	.....
	RESERVE COMBAT OPERATIONS SUPPORT			
90	COMBAT COMMUNICATIONS	14,499	14,499	.....
100	COMBAT SUPPORT FORCES	117,601	117,601	.....
	RESERVE WEAPONS SUPPORT			
120	ENTERPRISE INFORMATION TECHNOLOGY	29,382	29,382	.....
	BASE OPERATING SUPPORT			
130	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	48,513	48,513	.....
140	BASE OPERATING SUPPORT	102,858	102,858	.....
	TOTAL, BUDGET ACTIVITY 1	979,824	976,824	- 3,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
150	ADMINISTRATION	1,505	1,505	.....
160	MILITARY MANPOWER & PERSONNEL	13,782	13,782	.....
170	SERVICEWIDE COMMUNICATIONS	3,437	3,437	.....
180	ACQUISITION AND PROGRAM MANAGEMENT	3,210	3,210	.....
	TOTAL, BUDGET ACTIVITY 4	21,934	21,934	.....
	TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	1,001,758	998,758	- 3,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1A5A	Aircraft Depot Maintenance	82,712	79,712	- 3,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Budget documentation disparity: Removal of fiscal year 2015 baseline for terminated program .....	.....	.....	- 3,000

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Appropriations, 2015	\$270,846,000
Budget estimate, 2016	277,036,000
Committee recommendation	277,036,000

The Committee recommends an appropriation of \$277,036,000. 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, MARINE CORPS RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	EXPEDITIONARY FORCES			
10	OPERATING FORCES	97,631	97,631	.....
20	DEPOT MAINTENANCE	18,254	18,254	.....
30	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	28,653	28,653	.....
40	BASE OPERATING SUPPORT	111,923	111,923	.....
	TOTAL, BUDGET ACTIVITY 1	256,461	256,461	.....
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
50	SERVICEWIDE TRANSPORTATION	924	924	.....
60	ADMINISTRATION	10,866	10,866	.....
70	RECRUITING AND ADVERTISING	8,785	8,785	.....
	TOTAL, BUDGET ACTIVITY 4	20,575	20,575	.....
	TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	277,036	277,036	.....

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Appropriations, 2015	\$3,026,342,000
Budget estimate, 2016	3,064,257,000
Committee recommendation	3,056,357,000

The Committee recommends an appropriation of \$3,056,357,000. This is \$7,900,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, AIR FORCE RESERVE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	AIR OPERATIONS			
10	PRIMARY COMBAT FORCES	1,779,378	1,779,378	.....
20	MISSION SUPPORT OPERATIONS	226,243	218,843	- 7,400
30	DEPOT MAINTENANCE	487,036	487,036	.....
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	109,342	109,342	.....
50	BASE OPERATING SUPPORT	373,707	370,707	- 3,000
	TOTAL, BUDGET ACTIVITY 1	2,975,706	2,965,306	- 10,400
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
60	ADMINISTRATION	53,921	53,921	.....
70	RECRUITING AND ADVERTISING	14,359	14,359	.....
80	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	13,665	13,665	.....
90	OTHER PERSONNEL SUPPORT	6,606	6,606	.....
	TOTAL, BUDGET ACTIVITY 4	88,551	88,551	.....
	RESTORE A-10 .....	.....	2,500	+ 2,500
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	3,064,257	3,056,357	- 7,900

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
011G	Mission Support Operations	226,243	218,843	- 7,400
	Maintain program affordability: Reduced program support unaccounted for .....	.....	.....	- 1,400
	Budget documentation disparity: Justification does not match summary of price and program changes for civilian pay .....	.....	.....	- 6,000
011Z	Base Support	373,707	370,707	- 3,000
	Budget documentation disparity: Transfer for support standard not accounted for .....	.....	.....	- 3,000
UNDIST	Authorization adjustment: Restore A-10 .....	.....	2,500	+ 2,500

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Appropriations, 2015	\$6,175,951,000
Budget estimate, 2016	6,717,977,000
Committee recommendation	6,746,302,000

The Committee recommends an appropriation of \$6,746,302,000. This is \$28,325,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	LAND FORCES			
10	MANEUVER UNITS	709,433	709,433	.....
20	MODULAR SUPPORT BRIGADES	167,324	167,324	.....
30	ECHELONS ABOVE BRIGADE	741,327	741,327	.....
40	THEATER LEVEL ASSETS	88,775	96,475	+ 7,700
50	LAND FORCES OPERATIONS SUPPORT	32,130	32,130	.....
60	AVIATION ASSETS	943,609	996,209	+ 52,600
	LAND FORCES READINESS			
70	FORCE READINESS OPERATIONS SUPPORT	703,137	712,537	+ 9,400
80	LAND FORCES SYSTEMS READINESS	84,066	84,066	.....
90	LAND FORCES DEPOT MAINTENANCE	166,848	189,348	+ 22,500
	LAND FORCES READINESS SUPPORT			
100	BASE OPERATIONS SUPPORT	1,022,970	998,970	- 24,000
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	673,680	673,680	.....
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	954,574	954,574	.....
	TOTAL, BUDGET ACTIVITY 1	6,287,873	6,356,073	+ 68,200
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
130	SERVICEWIDE TRANSPORTATION	6,570	6,570	.....
140	ADMINISTRATION	59,629	59,629	.....
150	SERVICEWIDE COMMUNICATIONS	68,452	68,452	.....
160	MANPOWER MANAGEMENT	8,841	8,841	.....
170	RECRUITING AND ADVERTISING	283,670	283,670	.....
180	REAL ESTATE MANAGEMENT	2,942	2,942	.....
	TOTAL, BUDGET ACTIVITY 4	430,104	430,104	.....
	SERVICE SUPPORT CONTRACTOR REDUCTION .....	.....	- 40,000	- 40,000
	FINANCIAL LITERACY TRAINING .....	.....	125	+ 125
	TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	6,717,977	6,746,302	+ 28,325

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
114	Theater Level Assets	88,775	96,475	+ 7,700
	Authorization adjustment: Army National Guard's Operation Phalanx .....	.....	.....	+ 7,700
116	Aviation Assets	943,609	996,209	+ 52,600
	Authorization adjustment: Readiness funding increase .....	.....	.....	+ 39,600
	Authorization adjustment: Army National Guard's Operation Phalanx .....	.....	.....	+ 13,000
121	Force Readiness Operations Support	703,137	712,537	+ 9,400
	Program increase: Army National Guard Cyber Protection Teams .....	.....	.....	+ 9,400
123	Land Forces Depot Maintenance	166,848	189,348	+ 22,500
	Authorization adjustment: Readiness funding increase .....	.....	.....	+ 22,500
131	Base Operations Support	1,022,970	998,970	- 24,000
	Maintain program affordability: Unjustified growth .....	.....	.....	- 10,000
	Budget documentation disparity: Justification does not match summary of price and program changes .....	.....	.....	- 14,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
UNDIST	Maintain program affordability: Service support contracts .....	.....	- 40,000	- 40,000
UNDIST	Authorization adjustment: Financial literacy training .....	.....	125	+ 125

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Appropriations, 2015	\$6,408,558,000
Budget estimate, 2016	6,956,210,000
Committee recommendation	6,951,010,000

The Committee recommends an appropriation of \$6,951,010,000. This is \$5,200,000 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]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATION AND MAINTENANCE, AIR NATIONAL GUARD			
	BUDGET ACTIVITY 1: OPERATING FORCES			
	AIR OPERATIONS			
10	AIRCRAFT OPERATIONS	3,526,471	3,506,471	- 20,000
20	MISSION SUPPORT OPERATIONS	740,779	743,379	+ 2,600
30	DEPOT MAINTENANCE	1,763,859	1,763,859	.....
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	288,786	288,786	.....
50	BASE OPERATING SUPPORT	582,037	582,037	.....
	TOTAL, BUDGET ACTIVITY 1	6,901,932	6,884,532	- 17,400
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE ACTIVITIES			
60	ADMINISTRATION	23,626	23,626	.....
70	RECRUITING AND ADVERTISING	30,652	30,652	.....
	TOTAL, BUDGET ACTIVITY 4	54,278	54,278	.....
	UNJUSTIFIED GROWTH .....	.....	- 30,000	- 30,000
	RESTORE A-10 .....	.....	42,200	+ 42,200
	TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD	6,956,210	6,951,010	- 5,200

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
011F	Aircraft Operations	3,526,471	3,506,471	- 20,000
	Maintain program affordability: Unjustified growth .....	.....	.....	- 20,000
011G	Mission Support Operations	740,779	743,379	+ 2,600
	Authorization adjustment: Air National Guard's Operation Phalanx .....	.....	.....	+ 2,600
UNDIST	Maintain program affordability: Unjustified growth .....	.....	- 30,000	- 30,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
UNDIST	Authorization adjustment: Restore A-10 .....	.....	42,200	+ 42,200

U.S. COURT OF APPEALS FOR THE ARMED FORCES

Appropriations, 2015	\$13,723,000
Budget estimate, 2016	14,078,000
Committee recommendation	14,078,000

The Committee recommends an appropriation of \$14,078,000. This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, ARMY

Appropriations, 2015	\$201,560,000
Budget estimate, 2016	234,829,000
Committee recommendation	234,829,000

The Committee recommends an appropriation of \$234,829,000. This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, NAVY

Appropriations, 2015	\$277,294,000
Budget estimate, 2016	292,453,000
Committee recommendation	292,453,000

The Committee recommends an appropriation of \$292,453,000. This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, AIR FORCE

Appropriations, 2015	\$408,716,000
Budget estimate, 2016	368,131,000
Committee recommendation	368,131,000

The Committee recommends an appropriation of \$368,131,000. This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Appropriations, 2015	\$8,547,000
Budget estimate, 2016	8,232,000
Committee recommendation	8,232,000

The Committee recommends an appropriation of \$8,232,000. This is equal to the budget estimate.

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

Appropriations, 2015	\$250,853,000
Budget estimate, 2016	203,717,000
Committee recommendation	233,717,000

The Committee recommends an appropriation of \$233,717,000. This is \$30,000,000 above the budget estimate to help address unfunded needs.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

Appropriations, 2015	\$103,000,000
Budget estimate, 2016	100,266,000
Committee recommendation	100,266,000

The Committee recommends an appropriation of \$100,266,000. This is equal to the budget estimate.

COOPERATIVE THREAT REDUCTION ACCOUNT

Appropriations, 2015	\$365,108,000
Budget estimate, 2016	358,496,000
Committee recommendation	358,496,000

The Committee recommends an appropriation of \$358,496,000. 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	COOPERATIVE THREAT REDUCTION			
1	Strategic Offensive Arms Elimination	1,289	1,289	
2	Chemical Weapons Destruction	942	942	
3	Biological Threat Reduction	264,618	264,618	
4	Threat Reduction Engagement	2,827	2,827	
5	Other Assessments/Admin Costs	29,320	29,320	
6	Global Nuclear Security	20,555	20,555	
7	WMD Proliferation Prevention	38,945	38,945	
	TOTAL, COOPERATIVE THREAT REDUCTION	358,496	358,496	

DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT FUND

Appropriations, 2015	\$83,034,000
Budget estimate, 2016	84,140,000
Committee recommendation	84,140,000

The Committee recommends an appropriation of \$84,140,000. 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, ships, missiles, combat vehicles, ammunition, weapons, electronic sensors and communications equipment, and other procurement items.

The President's fiscal year 2016 budget requests a total of \$106,914,372,000 for procurement appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends procurement appropriations totaling \$109,813,734,000 for fiscal year 2016. This is \$2,899,362,000 above the budget estimate.

Committee recommended procurement appropriations for fiscal year 2016 are summarized below:

SUMMARY OF PROCUREMENT APPROPRIATIONS

[In thousands of dollars]

Account	2016 budget estimate	Committee recommendation	Change from budget estimate
Procurement:			
Aircraft Procurement, Army	5,689,357	5,465,751	- 223,606
Missile Procurement, Army	1,419,957	1,667,167	+ 247,210
Procurement of Weapons and Tracked Combat Vehicles, Army	1,887,073	1,914,446	+ 27,373
Procurement of Ammunition, Army	1,233,378	1,247,426	+ 14,048
Other Procurement, Army	5,899,028	5,648,874	- 250,154
Aircraft Procurement, Navy	16,126,405	17,392,174	+ 1,265,769
Weapons Procurement, Navy	3,154,154	3,172,822	+ 18,668
Procurement of Ammunition, Navy and Marine Corps	723,741	728,741	+ 5,000
Shipbuilding and Conversion, Navy	16,597,457	18,176,362	+ 1,578,905
Other Procurement, Navy	6,614,715	6,329,750	- 284,965
Procurement, Marine Corps	1,131,418	1,239,618	+ 108,200
Aircraft Procurement, Air Force	15,657,769	15,890,661	+ 232,892
Missile Procurement, Air Force	2,987,045	2,965,869	- 21,176
Space Procurement, Air Force	2,584,061	2,891,159	+ 307,098
Procurement of Ammunition, Air Force	1,758,843	1,797,343	+ 38,500
Other Procurement, Air Force	18,272,438	17,997,359	- 275,079
Procurement, Defense-Wide	5,130,853	5,211,532	+ 80,679
Defense Production Act Purchases	46,680	76,680	+ 30,000
Total:	106,914,372	109,813,734	+ 2,899,362

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense appropriations bill for fiscal year 2008 (House Report 110-279). Specifically, the dollar threshold for reprogramming funds will remain at \$20,000,000 for

procurement and \$10,000,000 for research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for service and defense-wide accounts in titles III and IV of this act. Reports for titles III and IV shall comply with guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act for Fiscal Year 2006. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a procurement (P-1), or a research, development, test and evaluation (R-1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

PROCUREMENT OVERVIEW

Airspace Compliance.—In order for Department of Defense aircraft to operate in the both the Federal Aviation Administration-controlled airspace and International Civil Aviation Organization-controlled airspace after January 1, 2020, the Department must add appropriate equipment to all current and future aviation platforms projected to operate in those airspaces. Due to various delays, the Department has indicated that many aircraft will not meet the mandated compliance date and will need waivers to operate in controlled airspace. The Committee believes that had the Department taken a centralized role in the oversight of airspace compliance and monitored the progress of each fleet towards meeting the mandate, the services would have developed solutions in a more expedient manner and fewer waivers would have been necessary. Therefore, the Committee directs the Secretary of Defense to report to the congressional defense committees, not later than 180 days after enactment of this act, (1) each aircraft type, by service, required to comply with the mandates, (2) the cost associated with making the aircraft compliant, (3) the projected compliance date for each aircraft and (4) the projected date to obtain waivers for each aircraft, if necessary. The Committee expects the Secretary of Defense to take a more proactive role in ensuring that United States military aircraft are approved to operate in controlled airspace past January 1, 2020.

Army Organic Industrial Base.—The Committee directs the Secretary of the Army to provide 45-day written notification to the congressional defense committees prior to the Secretary approving civilian reductions in force that will result in an employment loss of 50 or more full-time employees at any Army organic industrial base facility. The notification shall include the impact that the proposed reduction in force will have on the ability to maintain the organic industrial base critical manufacturing capabilities as delin-

eated in the Army Organic Industrial Base Strategy Report, a detailed accounting of the costs of implementing the reduction in force, and an assessment of the cost of, and time necessary, to restore any lost capability to meet future organic wartime manufacturing needs.

Arsenal Sustainment Initiative.—The Committee supports the ongoing efforts of the Department of the Army to develop the Army Organic Industrial Base Strategy. This process is identifying manufacturing capabilities at each organic industrial facility that are critical for the country to sustain in wartime and peacetime if the U.S. military is called to act. However, the Committee is concerned that while the Army Organic Industrial Base Strategy is identifying capabilities, it has not prioritized them in annual budget requests to Congress. In particular, the Nation's arsenals are at risk of not having the capacity to respond rapidly to meet the Department's needs. The Committee directs the Secretary of the Army to assign the arsenals sufficient workload to maintain the critical capabilities identified in the Army Organic Industrial Base Strategy Report and ensure cost efficiency and technical competence in peacetime, while preserving the ability to provide an effective and timely response to mobilizations, national defense contingency situations, and other emergency requirements.

Further, the Committee is aware that while the Army's manufacturing arsenals have provided critical wartime needs to all the services, they are not always considered by the other services for the work opportunities which help sustain them in peacetime. Given the arsenals' unique capabilities, the Committee looks forward to receiving the Secretary of Defense's report detailing recommendations on how the Air Force, Navy and Marine Corps can better use the arsenals for their manufacturing needs. Noting that fulfilling spare parts needs are an important part of our organic industrial base, the Committee directs the Secretary of Defense to also report to the congressional defense committees not later than 90 days after enactment of this act assessing what opportunities may exist for the arsenals to assist the services and the Defense Logistics Agency to procure for our spare parts inventory.

Hellfire Missiles.—The Committee notes that the Department requested authority in February 2015 to reprogram funding to align Hellfire missile inventories with operational and organizational requirements. The reprogramming request followed similar requests in each of the four prior fiscal years, indicating that Hellfire missile inventories could be more effectively managed across and between the services. The Committee directs the Director of Cost Analysis and Program Evaluation to review short-range air-to-ground missile requirements, Hellfire inventory requirements, Hellfire inventory management processes and practices, and current and prospective Hellfire operational demand and submit to the congressional defense committees, not later than 180 days after enactment of this act, recommendations for jointly optimizing the management of Hellfire missiles, or that of a substantively similar capability, across the four services.

Physical Access Control Systems.—The Committee remains concerned with the challenges the Department of Defense continues to face with the efficacy of physical access control systems and notes

that it is yet to receive a report as required by Senate Report 113–211. Last year’s report requested that the Secretaries of the Army, Navy, and Air Force perform a business case analysis that examines the development, procurement, and sustainment cost of existing physical access control systems compared to the cost of physical access control systems available commercially. The Secretaries shall provide the report to the congressional defense committees summarizing the outcome of this business case analysis and actions they plan to take to implement the most affordable solution not later than 180 days after enactment of this act.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 2015	\$5,216,225,000
Budget estimate, 2016	5,689,357,000
Committee recommendation	5,465,751,000

The Committee recommends an appropriation of \$5,465,751,000. This is \$223,606,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	AIRCRAFT PROCUREMENT, ARMY						
	AIRCRAFT						
	FIXED WING						
2	UTILITY F/W CARGO AIRCRAFT		879		879		
4	MQ-1 UAV	15	260,436	15	199,636		-60,800
	ROTARY						
6	HELICOPTER, LIGHT UTILITY [LUH]	28	187,177	28	187,177		
7	AH-64 APACHE BLOCK IIIA REMAN	64	1,168,461	64	1,138,461		-30,000
8	AH-64 APACHE BLOCK IIIA REMAN [AP-CY]		209,930		209,930		
11	UH-60 BLACKHAWK [MYP]	94	1,435,945	94	1,435,945		
12	UH-60 BLACKHAWK [MYP] [AP-CY]		127,079		127,079		
13	UH-60 BLACKHAWK A AND L MODELS	40	46,641	40	46,641		
14	CH-47 HELICOPTER	39	1,024,587	39	931,398		-93,189
15	CH-47 HELICOPTER [AP-CY]		99,344		99,344		
	TOTAL, AIRCRAFT		4,560,479		4,376,490		-183,989
	MODIFICATION OF AIRCRAFT						
16	MQ-1 PAYLOAD-UAS		97,543		91,653		-5,890
19	MULTI SENSOR ABN RECON [MIP]		95,725		68,500		-27,225
20	AH-64 MODS		116,153		116,153		
21	CH-47 CARGO HELICOPTER MODS		86,330		73,130		-13,200
22	GRCS SEMA MODS [MIP]		4,019		4,019		
23	ARL SEMA MODS [MIP]		16,302		10,800		-5,502
24	EMARSS SEMA MODS [MIP]		13,669		13,669		
25	UTILITY/CARGO AIRPLANE MODS		16,166		16,166		
26	UTILITY HELICOPTER MODS		13,793		13,793		
28	NETWORK AND MISSION PLAN		112,807		105,807		-7,000
29	COMMS, NAV SURVEILLANCE		82,904		82,904		
30	GAIM ROLLUP		33,890		33,890		
31	RQ-7 UAV MODS		81,444		81,444		
	TOTAL, MODIFICATION OF AIRCRAFT		770,745		711,928		-58,817

SUPPORT EQUIPMENT AND FACILITIES							
GROUND SUPPORT AVIONICS							
32	AIRCRAFT SURVIVABILITY EQUIPMENT	56,215	56,215			56,215	
33	SURVIVABILITY CM	8,917	8,917			8,917	
34	CMWS	78,348	78,348			104,348	+ 26,000
OTHER SUPPORT							
35	AVIONICS SUPPORT EQUIPMENT	6,937	6,937			6,937	
36	COMMON GROUND EQUIPMENT	64,867	64,867			58,067	- 6,800
37	AIRCREW INTEGRATED SYSTEMS	44,085	44,085			44,085	
38	AIR TRAFFIC CONTROL	94,545	94,545			94,545	
39	INDUSTRIAL FACILITIES	1,207	1,207			1,207	
40	LAUNCHER, 2.75 ROCKET	3,012	3,012			3,012	
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	358,133	358,133			377,333	+ 19,200
	TOTAL, AIRCRAFT PROCUREMENT, ARMY	5,689,357	5,689,357			5,465,751	- 223,606

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
4	MQ-1 UAV	260,436	199,636	-60,800
	Restoring acquisition accountability: ICS growth			-7,800
	Restoring acquisition accountability: Unit cost growth			-53,000
7	AH-64 Apache Block IIIA Reman	1,168,461	1,138,461	-30,000
	Restoring acquisition accountability: Program management growth and forward financing			-10,000
	Improving funds management: Prior year carryover			-20,000
14	CH-47 Helicopter	1,024,587	931,398	-93,189
	Restoring acquisition accountability: Miscellaneous request and forward financing			-93,189
16	MQ-1 Payload [MIP]	97,543	91,653	-5,890
	Restoring acquisition accountability: Test and evaluation unjustified request			-5,890
19	Multi Sensor ABN Recon [MIP]	95,725	68,500	-27,225
	Budget documentation disparity: Poor justification materials			-27,225
21	CH-47 Cargo Helicopter Mods [MYP]	86,330	73,130	-13,200
	Restoring acquisition accountability: Systems optimization and payload buyback early to need			-17,200
	Program increase			+4,000
23	ARL SEMA Mods [MIP]	16,302	10,800	-5,502
	Budget documentation disparity: Poor justification materials			-5,502
28	Network and Mission Plan	112,807	105,807	-7,000
	Improving funds management: Prior year carryover			-7,000
34	CMWS	78,348	104,348	+26,000
	Authorization adjustment: Apache survivability equipment—Army UFR			+26,000
36	Common Ground Equipment	64,867	58,067	-6,800
	Improving funds management: Prior year carryover			-9,000
	Program increase: Corrosion mitigation covers			+2,200

MQ-1 Unmanned Aerial Vehicle [UAV].—The fiscal year 2016 President’s budget request includes \$276,973,000 in base and Overseas Contingency Operations funding to procure 17 additional MQ-1 UAVs, which is 17 aircraft above the Army validated requirement. The Committee is concerned with the small subset of the total Army MQ-1 UAVs providing intelligence, surveillance, and reconnaissance [ISR] for the combatant commanders. The Army’s justification for additional aircraft in the fiscal year 2016 request is to support the increase in Combat Air Patrols [CAPs] requested by the Department of Defense. The Committee supports the request to procure the additional aircraft, but reduces the funding by \$60,800,000 due to unit cost efficiencies. Additionally, the Committee directs the Secretary of Defense to do a complete review of the required CAPs to meet Combatant Commanders requirements, identify the mix of ISR aircraft across the Air Force, Army and Special Operations Command to meet such requirements, and provide a report to the congressional defense committees not later than 180 days after enactment of this act.

CH-47F Cargo Helicopter Modifications.—The Committee understands that the Department of the Army is developing technologies that are common between the Special Operations Command MH-

47G Chinook helicopter and Army CH-47F Block II helicopter in areas such as fuel system commonality. Therefore, the Committee encourages the Army to develop and field technologies that support this commonality.

Corrosion Mitigation Covers.—The Committee recognizes the importance of protecting critical aviation assets from corrosion and environmental degradation and supports the Department of the Army’s efforts to address this concern through the use of corrosion mitigation covers. Therefore, the Committee encourages the Army to acquire corrosion mitigation covers to provide protection to key equipment assets to increase the mission capability of our critical weapons systems.

MISSILE PROCUREMENT, ARMY

Appropriations, 2015	\$1,208,692,000
Budget estimate, 2016	1,419,957,000
Committee recommendation	1,667,167,000

The Committee recommends an appropriation of \$1,667,167,000. This is \$247,210,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISSILE PROCUREMENT, ARMY						
	OTHER MISSILES						
	SURFACE-TO-AIR MISSILE SYSTEM						
2	LOWER TIER AIR AND MISSILE DEFENSE [AMD]		115,075		112,285		-2,790
3	MSE MISSILE	80	414,946	80	614,946		+200,000
	AIR-TO-SURFACE MISSILE SYSTEM						
3	HELLFIRE SYS SUMMARY	113	27,975	113	27,975		
4	JOINT AIR-TO-GROUND MSLS [JAGMT] (AP)		27,738		27,738		
	ANTI-TANK/ASSAULT MISSILE SYSTEM						
5	JAVELIN (AAWS-M) SYSTEM SUMMARY	331	77,163	615	127,163	+284	+50,000
6	TOW 2 SYSTEM SUMMARY	1,704	87,525	1,704	87,525		
8	GUIDED MLRS ROCKET [GMLRS]	1,668	251,060	1,668	251,060		
9	MLRS REDUCED RANGE PRACTICE ROCKETS [RRPR]	3,121	17,428	3,121	17,428		
	TOTAL, OTHER MISSILES		1,018,910		1,266,120		+247,210
	MODIFICATION OF MISSILES						
	MODIFICATIONS						
11	PATRIOT MODS		241,883		241,883		
12	ATACMS MODS		30,119		30,119		
13	GMLRS MOD		18,221		18,221		
14	STINGER MODS		2,216		2,216		
15	AVENGER MODS		6,171		6,171		
16	ITAS/TOW MODS		19,576		19,576		
17	MLRS MODS		35,970		35,970		
18	HIMARS MODIFICATIONS		3,148		3,148		
	TOTAL, MODIFICATION OF MISSILES		357,304		357,304		
	SPARES AND REPAIR PARTS						
19	SPARES AND REPAIR PARTS		33,778		33,778		

20	SUPPORT EQUIPMENT AND FACILITIES					
21	AIR DEFENSE TARGETS	3,717			3,717	
22	ITEMS LESS THAN \$5.0M (MISSILES)	1,544			1,544	
	PRODUCTION BASE SUPPORT	4,704			4,704	
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	9,965			9,965	
	TOTAL, MISSILE PROCUREMENT, ARMY	1,419,957			1,667,167	+ 247,210

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Lower Tier Air and Missile Defense [AMD]	115,075	112,285	- 2,790
	Restoring acquisition accountability: Unjustified growth			- 2,790
2	MSE Missile	414,946	614,946	+ 200,000
	Authorization adjustment: Patriot PAC 3 for improved BMD—Army UFR			+ 200,000
5	Javelin (AAWS-M) System Summary	77,163	127,163	+ 50,000
	Program increase: Additional missiles—Army UFR			+ 50,000

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY

Appropriations, 2015	\$1,722,136,000
Budget estimate, 2016	1,887,073,000
Committee recommendation	1,914,446,000

The Committee recommends an appropriation of \$1,914,446,000. This is \$27,373,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF W&TCV, ARMY						
	TRACKED COMBAT VEHICLES						
1	STRYKER VEHICLE		181,245		177,345		-3,900
2	STRYKER (MOD)		74,085		74,085		
3	STRYKER UPGRADE	62	305,743		305,743		
5	BRADLEY PROGRAM (MOD)		225,042	62	200,042		-25,000
6	HOWITZER, MED SP FT 155MM M109A6 (MOD)		60,079		56,879		-3,200
7	PALADIN PIPM MOD IN SERVICE	30	273,850	30	273,850		
8	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	31	123,629	47	180,929	+16	+57,300
9	ASSAULT BRIDGE (MOD)		2,461		2,461		
10	ARMORED BREACHER VEHICLE		2,975		2,975		
11	M88 FOV MODS	7	14,878		14,878		
12	JOINT ASSAULT BRIDGE	4	33,455		33,455		
13	M1 ABRAMS TANK (MOD)		367,939		367,939		
15	SUPPORT EQUIPMENT AND FACILITIES PRODUCTION BASE SUPPORT (TCV-WTCV)		6,479		6,129		-350
	TOTAL, TRACKED COMBAT VEHICLES		1,671,860		1,696,710		+24,850
	WEAPONS AND OTHER COMBAT VEHICLES						
16	MORTAR SYSTEMS		4,991		4,991		
17	XM320 GRENADE LAUNCHER MODULE (GLM)		26,294		26,294		
18	PRECISION SNIPER RIFLE		1,984				-1,984
19	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM		1,488				-1,488
20	CARBINE		34,460		31,260		-3,200
21	COMMON REMOTELY OPERATED WEAPONS STATION		8,367		14,750		+6,383
22	HANDGUN		5,417				-5,417
	MOD OF WEAPONS AND OTHER COMBAT VEH						
23	MK-19 GRENADE MACHINE GUN MODS		2,777				-2,777
24	M777 MODS		10,070		10,070		
25	M4 CARBINE MODS		27,566		27,566		
26	M2 50 CAL MACHINE GUN MODS		44,004		44,004		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
27	M249 SAW MACHINE GUN MODS		1,190		1,190		
28	M240 MEDIUM MACHINE GUN MODS		1,424		11,424		+ 10,000
29	SNIPER RIFLES MODIFICATIONS		2,431		980		- 1,451
30	M119 MODIFICATIONS		20,599		20,599		
32	MORTAR MODIFICATION		6,300		6,300		
33	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)		3,737		3,737		
	SUPPORT EQUIPMENT AND FACILITIES						
34	ITEMS LESS THAN \$5.0M (WOCV-WTCV)		391		2,848		+ 2,457
35	PRODUCTION BASE SUPPORT (WOCV-WTCV)		9,027		9,027		
36	INDUSTRIAL PREPAREDNESS		304		304		
37	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)		2,392		2,392		
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES		215,213		217,736		+ 2,523
	TOTAL, PROCUREMENT OF W&TCV, ARMY		1,887,073		1,914,446		+ 27,373

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Stryker Vehicle	181,245	177,345	- 3,900
	Maintain program affordability: Unjustified growth— program management funding			- 3,900
5	Bradley Program (MOD)	225,042	200,042	- 25,000
	Improving funds management: Prior year carryover			- 25,000
6	Howitzer, Med Sp Ft 155mm M109a6 (MOD)	60,079	56,879	- 3,200
	Restoring acquisition accountability: Unit cost growth ..			- 3,200
8	Improved Recovery Vehicle (M88A2 Hercules)	123,629	180,929	+ 57,300
	Authorization adjustment: 16 M88A2's to support mod of ABCTs and industrial base			+ 72,000
	Restoring acquisition accountability: Contractor engi- neering early to need			- 13,200
	Maintain program affordability: Unjustified growth— program management funding			- 1,500
15	Production Base Support (TCV-WTCV)	6,479	6,129	- 350
	Improving funds management: Prior year carryover			- 350
18	Precision Sniper Rifle	1,984		- 1,984
	Transfer: Army-requested to WTCV lines 21 and 34 and RDTE line 83			- 1,984
19	Compact Semi-Automatic Sniper System	1,488		- 1,488
	Transfer: Army-requested to WTCV lines 21 and 34 and RDTE line 83			- 1,488
20	Carbine	34,460	31,260	- 3,200
	Restoring acquisition accountability: Unit cost growth ..			- 3,200
21	Common Remotely Operated Weapons Station	8,367	14,750	+ 6,383
	Transfer CROWS conversions: Army-requested from WTCV lines 18, 19, 22, and 29			+ 6,383
22	Handgun	5,417		- 5,417
	Transfer: Army-requested to WTCV lines 21 and 34 and RDTE line 83			- 5,417
23	MK-19 Grenade Machine Gun Mods	2,777		- 2,777
	Restoring acquisition accountability: Unclear require- ments			- 2,777
28	M240 Medium Machine Gun Mods	1,424	11,424	+ 10,000
	Program increase			+ 10,000
29	Sniper Rifles Modifications	2,431	980	- 1,451
	Improving funds management: Excess to need			- 1,451
34	Items Less Than \$5.0m (WOCV-WTCV)	391	2,848	+ 2,457
	Transfer for nonstandard weapons: Army-requested for WTCV lines 18, 19, 22, and 29			+ 2,457

Stryker Lethality Upgrades.—The Committee understands that the Army is evaluating various courses of action to address the operational needs statement for increased Stryker lethality of the 2nd Cavalry Regiment, U.S. Army Europe. As the courses of action materialize and the tradeoffs between the schedule of fielding the first upgraded units and the risk in the acquisition schedule are properly balanced, the Committee is open to considering re-programming requests that address the required funding.

MK-19 Grenade Machine Gun Modifications.—The fiscal year 2016 President's budget request includes \$2,777,000 for MK-19 40mm grenade machine gun launchers to improve the lethality and accuracy of the weapon. The MK-19 has been a reliable and effective weapon for many years, including extensive operational use in Iraq and Afghanistan. However, the Committee is concerned with

the Army's plan to upgrade the weapon. The Committee directs the Secretary of the Army to submit a report to congressional defense committees, not later than 180 days after enactment of this act, that addresses the feasibility of utilizing commercial, off-the-shelf technologies to upgrade the MK-19 and validates the requirement for the improved components of the MOD 5 kits.

Handgun.—The fiscal year 2016 President's budget request includes \$5,417,000 to support the procurement of modular handgun systems. The Committee is concerned that the Army is rushing to pursue a new acquisition program to replace the M9 pistol before adequately exploring other cost-effective solutions to meet the Army's handgun requirements. Based on the Army's transfer request, the Committee does not provide funding for modular handgun systems in fiscal year 2016.

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 2015	\$1,015,477,000
Budget estimate, 2016	1,233,378,000
Committee recommendation	1,247,426,000

The Committee recommends an appropriation of \$1,247,426,000. This is \$14,048,000 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:

[Dollars in thousands]

	Item	Qty.	2016 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		43,489		43,489		
2	CTG, 7.62MM, ALL TYPES		40,715		40,715		
3	CTG, HANDGUN, ALL TYPES		7,753		6,801		- 952
4	CTG, 50 CAL, ALL TYPES		24,728		24,728		
5	CTG, 25MM, ALL TYPES		8,305		8,305		
6	CTG, 30MM, ALL TYPES		34,330		34,330		
7	CTG, 40MM, ALL TYPES		79,972		79,972		
	MORTAR AMMUNITION						
8	60MM MORTAR, ALL TYPES		42,898		42,898		
9	81MM MORTAR, ALL TYPES		43,500		43,500		
10	120MM MORTAR, ALL TYPES		64,372		64,372		
	TANK AMMUNITION						
11	CTG TANK 105MM AND 120MM: ALL TYPES		105,541		105,541		
	ARTILLERY AMMUNITION						
12	CTG, ARTY, 75MM AND 105MM: ALL TYPES		57,756		57,756		
13	ARTILLERY PROJECTILE, 155MM, ALL TYPES		77,995		77,995		
14	PROJ, 155MM EXTENDED RANGE XM982		45,518		60,518		+ 15,000
15	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES		78,024		78,024		
	ROCKETS						
16	SHOULDER LAUNCHED MUNITIONS, ALL TYPES		7,500		7,500		
17	ROCKET, HYDRA 70, ALL TYPES		33,653		33,653		
	OTHER AMMUNITION						
18	CAD/PAD ALL TYPES		5,639		5,639		
19	DEMOLITION MUNITIONS, ALL TYPES		9,751		9,751		
20	GRENADES, ALL TYPES		19,993		19,993		
21	SIGNALS, ALL TYPES		9,761		9,761		
22	SIMULATORS, ALL TYPES		9,749		9,749		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISCELLANEOUS						
23	AMMO COMPONENTS, ALL TYPES		3,521		3,521		
24	NON-LETHAL AMMUNITION, ALL TYPES		1,700		1,700		
25	ITEMS LESS THAN \$5 MILLION		6,181		6,181		
26	AMMUNITION PECULIAR EQUIPMENT		17,811		17,811		
27	FIRST DESTINATION TRANSPORTATION (AMMO)		14,695		14,695		
	TOTAL, AMMUNITION		894,850		908,898		+ 14,048
	AMMUNITION PRODUCTION BASE SUPPORT						
	PRODUCTION BASE SUPPORT						
29	PROVISION OF INDUSTRIAL FACILITIES		221,703		221,703		
30	CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL		113,250		113,250		
31	ARMS INITIATIVE		3,575		3,575		
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT		338,528		338,528		
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY		1,233,378		1,247,426		+ 14,048

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	CTG, Handgun, All Types	7,753	6,801	- 952
	Transfer CROWS: Army-requested to RDTE, Army line 83			- 952
14	Proj 155mm Extended Range M982	45,518	60,518	+ 15,000
	Program increase			+ 15,000

OTHER PROCUREMENT, ARMY

Appropriations, 2015	\$4,747,523,000
Budget estimate, 2016	5,899,028,000
Committee recommendation	5,648,874,000

The Committee recommends an appropriation of \$5,648,874,000. This is \$250,154,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, ARMY						
	TACTICAL AND SUPPORT VEHICLES						
	TACTICAL VEHICLES						
1	TACTICAL TRAILERS/DOLLY SETS	12,855	12,855		12,855		
2	SEMITRAILERS, FLATBED	53	53		53		
3	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	166	90,040	166	90,040		
4	JOINT LIGHT TACTICAL VEHICLE	450	308,336	450	308,336		
6	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN		8,444		8,444		
7	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	273	27,549	273	27,549		
8	PLS ESP		127,102		127,102		
10	TACTICAL WHEELED VEHICLE PROTECTION KITS		48,292		48,292		
11	MODIFICATION OF IN SVC EQUIP		130,993		130,993		
12	MINE-RESISTANT AMBUSH-PROTECTED MODS		19,146		19,146		
	NON-TACTICAL VEHICLES						
14	PASSENGER CARRYING VEHICLES	1,248	1,248		1,248		
15	NONTACTICAL VEHICLES, OTHER		9,614		9,614		
	TOTAL, TACTICAL AND SUPPORT VEHICLES		783,672		783,672		
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMM—JOINT COMMUNICATIONS						
16	WIN-T—GROUND FORCES TACTICAL NETWORK	783,116	783,116		643,370		-139,746
17	SIGNAL MODERNIZATION PROGRAM	49,898	49,898		49,898		
18	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY	4,062	4,062		4,062		
19	JCSF EQUIPMENT (USREDCOM)	5,008	5,008		5,008		
	COMM—SATELLITE COMMUNICATIONS						
20	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	196,306	196,306		196,306		
21	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	44,998	44,998		44,998		
22	SIF TERM	7,629	7,629		7,629		
23	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE)	14,027	14,027		14,027		
24	SMART-T (SPACE)	13,453	13,453		13,453		
25	GLOBAL BROADCAST SVC—GBS	6,265	6,265		6,265		

26	MOD OF IN-SERVICE EQUIPMENT (TAC-SAT)	1,042	642	-400
	COMM—C3 SYSTEM	10,137	10,137	
28	ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	7,116	7,116	
	COMM—COMBAT COMMUNICATIONS	64,640	32,320	-32,320
27	ENROUTE MISSION COMMAND (EMC)	27,762	21,868	-5,894
29	JOINT TACTICAL RADIO SYSTEM	9,422	9,422	
30	MID-TIER NETWORKING VEHICULAR RADIO (MNVVR)	26,020	26,020	
31	RADIO TERMINAL SET, MIDS LVT(2)	4,073	4,073	
32	AMC CRITICAL ITEMS—OPAZ	1,403	1,403	
33	TRACTOR DESK	9,199	9,199	
34	SPIDER APLA REMOTE CONTROL UNIT	349	349	
35	SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE	25,597	25,597	
36	SOLDIER ENHANCEMENT PROGRAM COMMELECTRONICS	21,854	21,854	
37	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	24,388	24,388	
38	UNIFIED COMMAND SUITE	1,349	1,349	
40	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	3,695	2,695	-1,000
	COMM—INTELLIGENCE COMM	19,920	19,920	
42	CI AUTOMATION ARCHITECTURE (MIP)	72,257	72,257	
43	ARMY CA/MISO GPF EQUIPMENT	16,082	16,082	
	INFORMATION SECURITY	86,037	61,503	-24,534
45	INFORMATION SYSTEM SECURITY PROGRAM—ISSP	8,550	8,550	
46	COMMUNICATIONS SECURITY (COMSEC)	73,496	73,496	
	COMM—LONG HAUL COMMUNICATIONS			
47	BASE SUPPORT COMMUNICATIONS	881	881	
	COMM—BASE COMMUNICATIONS	63,650	63,650	
48	INFORMATION SYSTEMS	260,268	260,268	
50	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	3,906	3,906	
51	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	13,929	13,929	
	ELECT EQUIP	3,978	3,978	
	ELECT EQUIP—TACT INT REL ACT (TIARA)			
54	JTT/CIBS—M (MIP)	881	881	
55	PROPHET GROUND (MIP)	63,650	63,650	
57	DCGS—A (MIP)	260,268	260,268	
58	JOINT TACTICAL GROUND STATION (JTGS)	3,906	3,906	
59	TROJAN (MIP)	13,929	13,929	
60	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	3,978	3,978	

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
61	CI HUMINT AUTO REPRTING AND COLL[CHARCS][MIP]	.....	7,542	.....	7,542	.....	.....
62	CLOSE ACCESS TARGET RECONNAISSANCE (CATR)	.....	8,010	.....	8,010	.....	.....
63	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM	.....	8,125	.....	8,125	.....	.....
	ELECT EQUIP—ELECTRONIC WARFARE (EW)	.....	63,472	.....	63,472	.....	.....
64	LIGHTWEIGHT COUNTER MORTAR RADAR	.....	2,556	.....	2,556	.....	.....
65	EW PLANNING AND MANAGEMENT TOOLS	.....	8,224	.....	8,224	.....	.....
66	AIR VIGILANCE (AV)	.....	2,960	.....	2,960	.....	.....
67	CREW	.....	1,722	.....	1,722	.....	.....
68	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES	.....	447	.....	447	.....	.....
69	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	.....	228	.....	228	.....	.....
70	CI MODERNIZATION (MIP)	.....	.....	.....	.....	.....	.....
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)	.....	43,285	.....	43,285	.....	.....
71	SENTINEL MODS	.....	124,216	.....	124,216	.....	.....
72	NIGHT VISION DEVICES	.....	23,216	.....	23,216	.....	.....
74	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	.....	60,679	.....	60,679	.....	.....
76	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	.....	53,453	.....	53,453	.....	.....
77	FAMILY OF WEAPON SIGHTS (FWS)	.....	3,338	.....	3,338	.....	.....
78	ARTILLERY ACCURACY EQUIP	.....	4,057	.....	4,057	.....	.....
79	PROFILER	.....	133,339	.....	133,339	.....	.....
81	JOINT BATTLE COMMAND—PLATFORM [JBC-P]	.....	47,212	.....	47,212	.....	.....
82	JOINT EFFECTS TARGETING SYSTEM (JETS)	.....	22,314	.....	22,314	.....	.....
83	MOD OF IN-SERVICE EQUIPMENT (LLDR)	.....	12,131	.....	12,131	.....	.....
84	COMPUTER BALLISTICS: LHMCB XM32	.....	10,075	.....	10,075	.....	.....
85	MORTAR FIRE CONTROL SYSTEM	.....	217,379	.....	115,928	.....	-101,451
86	COUNTERFIRE RADARS	.....	.....	.....	.....	.....	.....
	ELECT EQUIP—TACTICAL C2 SYSTEMS	.....	1,190	.....	1,190	.....	.....
87	FIRE SUPPORT C2 FAMILY	.....	28,176	.....	28,176	.....	.....
90	AIR & MSL DEFENSE PLANNING & CONTROL SYS (AID)	.....	20,917	.....	20,917	.....	.....
91	IAMD BATTLE COMMAND SYSTEM	.....	5,850	.....	5,850	.....	.....
92	LIFE CYCLE SOFTWARE SUPPORT (LCS)	.....	12,738	.....	12,738	.....	.....
93	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	.....	145,405	.....	145,405	.....	.....
94	MANEUVER CONTROL SYSTEM (MCS)	.....	162,654	.....	162,654	.....	.....
95	GLOBAL COMBAT SUPPORT SYSTEM—ARMY	.....	.....	.....	.....	.....	.....

96	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY	4,446	4,446	4,446	4,446
98	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	16,218	16,218	16,218	16,218
99	MOD OF IN-SERVICE EQUIPMENT (ENFIRE)	1,138	1,138	1,138	1,138
	ELECT EQUIP-AUTOMATION				
100	ARMY TRAINING MODERNIZATION	12,089	12,089	12,089	12,089
101	AUTOMATED DATA PROCESSING EQUIPMENT	105,775	105,775	105,775	105,775
102	GENERAL FUND ENTERPRISE BUSINESS SYSTEM	18,995	13,540	13,540	-5,455
103	HIGH PERF COMPUTING MOD PROGRAM	62,319	62,319	62,319	62,319
104	RESERVE COMPONENT AUTOMATION SYS (RCAS)	17,894	17,894	17,894	17,894
	ELECT EQUIP-AUDIO VISUAL SYS (A/V)				
106	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	4,242	4,242	4,242	4,242
	ELECT EQUIP-SUPPORT				
107	PRODUCTION BASE SUPPORT (C-E)	425	425	425	425
108	BCT EMERGING TECHNOLOGIES	7,438	7,438	7,438	7,438
	CLASSIFIED PROGRAMS	6,467	6,467	6,467	6,467
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	3,478,118	3,167,318	3,167,318	-310,800
	OTHER SUPPORT EQUIPMENT				
	CHEMICAL DEFENSIVE EQUIPMENT				
109	PROTECTIVE SYSTEMS	248	248	248	248
110	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	1,487	1,487	1,487	1,487
112	CBRN SOLDIER PROTECTION	26,302	26,302	26,302	26,302
	BRIDGING EQUIPMENT				
113	TACTICAL BRIDGING	9,822	9,822	9,822	9,822
114	TACTICAL BRIDGE, FLOAT-RIBBON	21,516	21,516	21,516	21,516
115	BRIDGE SUPPLEMENTAL SET	4,959	4,959	4,959	4,959
116	COMMON BRIDGE TRANSPORTER RECAP	52,546	52,546	52,546	52,546
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT				
117	GROUND STANDOFF MINE DETECTION SYSTEM [GSTMIDS]	58,682	58,682	58,682	58,682
118	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	13,565	13,565	13,565	13,565
119	ROBOTIC COMBAT SUPPORT SYSTEM	2,136	2,136	2,136	2,136
120	EOD ROBOTICS SYSTEMS RECAPITALIZATION	6,960	6,960	6,960	6,960
121	EXPLOSIVE ORDNANCE DISPOSAL EOPM/T (EOD EOPM/T)	17,424	17,424	17,424	17,424
122	REMOTE DEMOLITION SYSTEMS	8,284	8,284	8,284	8,284
123	ITEMS LESS THAN \$5M, COUNTERMINE EQUIPMENT	5,459	5,459	5,459	5,459
124	FAMILY OF BOATS AND MOTORS	8,429	8,429	8,429	8,429

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
125	COMBAT SERVICE SUPPORT EQUIPMENT						
126	HEATERS AND ECUS	18,876	18,876		18,876		
127	SOLDIER ENHANCEMENT	2,287	2,287		2,287		
128	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	7,733	7,733		7,733		
129	GROUND SOLDIER SYSTEM	49,798	49,798		49,798		
130	MOBILE SOLDIER POWER	43,639	43,639		43,639		
132	FIELD FEEDING EQUIPMENT	13,118	13,118		13,118		
133	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	28,278	28,278		28,278		
135	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	34,544	34,544		34,544		
136	ITEMS LESS THAN \$5M (ENG SPT)	595	595		595		
	PETROLEUM EQUIPMENT						
137	QUALITY SURVEILLANCE EQUIPMENT	5,368	5,368		5,368		
138	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	35,381	35,381		35,381		
	MEDICAL EQUIPMENT						
139	COMBAT SUPPORT MEDICAL	73,828	73,828		73,828		
	MAINTENANCE EQUIPMENT						
140	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	25,270	25,270		25,270		
141	ITEMS LESS THAN \$5.0M (MAINT EQ)	2,760	2,760		2,760		
	CONSTRUCTION EQUIPMENT						
142	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	5,903	5,903		5,903		
143	SCRAPERS, EARTHMOVING	26,125	26,125		26,125		
146	TRACTOR, FULL TRACKED	27,156	27,156		27,156		
147	ALL TERRAIN CRANES	16,750	16,750		14,396		
148	PLANT, ASPHALT MIXING	984	984		984		-2,354
149	HIGH MOBILITY ENGINEER EXCAVATOR (HMEEL) FOS	2,656	2,656		2,656		
150	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	2,531	2,531		2,531		
151	FAMILY OF DIVER SUPPORT EQUIPMENT	446	446		446		
152	CONST EQUIP ESP	19,640	19,640		19,640		
153	ITEMS LESS THAN \$5.0M (CONST EQUIP)	5,087	5,087		5,087		
	RAIL FLOAT CONTAINERIZATION EQUIPMENT						
154	ARMY WATERCRAFT ESP	39,772	39,772		39,772		
155	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	5,835	5,835		5,835		

156	GENERATORS							
	GENERATORS AND ASSOCIATED EQUIPMENT	166,356	166,356					
	MATERIAL HANDLING EQUIPMENT							
157	TACTICAL ELECTRIC POWER RECAPITALIZATION	11,505	11,505					
159	FAMILY OF FORKLIFTS	17,496	17,496					
	TRAINING EQUIPMENT							
160	COMBAT TRAINING CENTERS SUPPORT	74,916	74,916					
161	TRAINING DEVICES, NONSYSTEM	303,236	303,236					
162	CLOSE COMBAT TACTICAL TRAINER	45,210	45,210					
163	AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA)	30,068	30,068					
164	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	9,793	9,793					
	TEST MEASURE AND DIG EQUIPMENT (TMD)							
165	CALIBRATION SETS EQUIPMENT	4,650	4,650					
166	INTEGRATED FAMILY OF TEST EQUIPMENT [IFTE]	34,487	34,487					
167	TEST EQUIPMENT MODERNIZATION [TEMOD]	11,083	11,083					
	OTHER SUPPORT EQUIPMENT							
169	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	17,937	17,937					
170	PHYSICAL SECURITY SYSTEMS (OPA3)	52,040	52,040					
171	BASE LEVEL COM'L EQUIPMENT	1,568	1,568					
172	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	64,219	64,219					
173	PRODUCTION BASE SUPPORT (OTH)	1,525	1,525					
174	SPECIAL EQUIPMENT FOR USER TESTING	3,268	3,268					
176	TRACTOR YARD	7,191	7,191					
	TOTAL, OTHER SUPPORT EQUIPMENT	1,588,727	1,589,373					+ 646
	SPARE AND REPAIR PARTS							
177	INITIAL SPARES—C&E	48,511	48,511					
	TOTAL, SPARE AND REPAIR PARTS	48,511	48,511					
	HMMWV MOD PROGRAM							+ 60,000
	TOTAL, OTHER PROCUREMENT, ARMY	5,899,028	5,648,874					- 250,154

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
16	Win-T—Ground Forces Tactical Network	783,116	643,370	− 139,746
	Improving funds management: Prior year carryover			− 139,746
26	Mod of In-Svc Equip (TAC SAT)	1,042	642	− 400
	Improving funds management: Prior year carryover			− 400
29	Joint Tactical Radio System	64,640	32,320	− 32,320
	Restoring acquisition accountability: Schedule slip			− 32,320
30	Mid-Tier Networking Vehicular Radio (MNVR)	27,762	21,868	− 5,894
	Restoring acquisition accountability: Acquisition strategy			− 5,894
43	Army CA/MISO GPF Equipment	3,695	2,695	− 1,000
	Improving funds management: Prior year carryover			− 1,000
48	Information Systems	86,037	61,503	− 24,534
	Improving funds management: Prior year carryover			− 24,534
86	Counterfire Radars	217,379	115,928	− 101,451
	Improving funds management: Prior year carryover			− 101,451
102	General Fund Enterprise Business Systems Fam	18,995	13,540	− 5,455
	Transfer GFEBs—SA: Army-requested to RDT&E, Army line 106			− 5,455
147	All Terrain Cranes	16,750	14,396	− 2,354
	Improving funds management: Prior year carryover			− 2,354
174	Special Equipment for User Testing	3,268	6,268	+ 3,000
	Program increase			+ 3,000
XX	HMMWV Mod Program		60,000	+ 60,000
	Program increase: HMMWV Ambulance Replacement			+ 60,000

European Facilities Communications.—The Committee notes capability gaps in communications security at U.S. Army Europe [USAREUR] facilities, which rely on outdated radio infrastructure. A study by the Naval Surface Warfare Center—Crane recommended that USAREUR adopt a single enterprise radio infrastructure by entering into a joint agreement with U.S. Air Forces Europe to utilize their Enterprise Land Mobile Radio [ELMR] program. The Committee recognizes that a joint ELMR program would result in cost savings and support Joint Information Environment goals. The Committee directs the Secretary of the Army to provide a USAREUR radio upgrade strategy to the congressional defense committees not later than 120 days after enactment of this act.

Heavy Equipment Transport.—Future upgrades to the Army's M1 Abrams tank, planned for fielding as early as fiscal year 2019, will likely increase the weight of the platform in excess of the M1070 Heavy Equipment Transport [HET] and associated M1000 HET Trailer's current carrying capacity of 70 tons. The Committee encourages the Army to establish and fund an M1070 and M1000 recapitalization program or programs.

MRAP Recovery Vehicle Upgrades.—The Committee recognizes the Army's continuing need for, and investment in, Mine Resistant Armored Personnel recovery vehicles [MRV] and recommends that the Army move expeditiously to install and evaluate MRV performance kits. The Committee directs the Secretary of the Army to provide a report to the congressional defense committees, not later than 60 days after enactment of this act, on the status of the MRV fleet including actual and planned fielded quantities and locations,

MRV capability requirements, and estimates of budgets across the Future Years Defense Program needed to meet the Army’s current and future MRV needs.

HMMWV Ambulances.—The Committee recommends an additional \$60,000,000 for High Mobility Multipurpose Wheeled Vehicle [HMMWV] ambulances, of which \$40,000,000 is intended for the Army National Guard and \$20,000,000 for the Army Reserve.

Ultra-Light Combat Vehicle.—The Committee is aware that the Army is developing requirements for an Ultra-Light Combat Vehicle [ULCV] for use by general purpose infantry. The Committee encourages the Secretary of the Army to develop and acquire ULCV using commercially available platforms, non-developmental items, and full and open competition.

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 2015	\$14,758,035,000
Budget estimate, 2016	16,126,405,000
Committee recommendation	17,392,174,000

The Committee recommends an appropriation of \$17,392,174,000. This is \$1,265,769,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
AIRCRAFT PROCUREMENT, NAVY							
COMBAT AIRCRAFT							
2	F/A-18E/F (FIGHTER) HORNET [MYP]	.....	.....	12	978,750	+12	+978,750
3	JOINT STRIKE FIGHTER	4	897,542	4	778,142	.....	-119,400
4	JOINT STRIKE FIGHTER [AP-CY]	.....	48,630	.....	48,630	.....	.....
5	JSF STOVL	9	1,483,414	15	2,213,714	+6	+730,300
6	JSF STOVL [AP-CY]	.....	203,060	.....	203,060	.....	.....
7	CH-53K (HEAVY LIFT) [AP-CY]	.....	41,300	.....	.....	.....	-41,300
8	V-22 (MEDIUM LIFT)	19	1,436,355	19	1,421,355	.....	-15,000
9	V-22 (MEDIUM LIFT) [AP-CY]	.....	43,853	.....	43,853	.....	.....
10	UH-1Y/AH-1Z	28	800,057	28	795,405	.....	-4,652
11	UH-1Y/AH-1Z [AP-CY]	.....	56,168	.....	56,168	.....	.....
12	MH-60S [MYP]	8	28,232	8	28,232	.....	.....
13	MH-60R	29	969,991	29	964,991	.....	-5,000
16	P-8A POSEIDON	16	3,008,928	16	3,008,928	.....	.....
17	P-8A POSEIDON [AP-CY]	.....	269,568	.....	250,568	.....	-19,000
18	E-2D ADV HAWKEYE	5	857,654	5	857,654	.....	.....
19	E-2D ADV HAWKEYE [AP-CY]	.....	195,336	.....	195,336	.....	.....
	TOTAL, COMBAT AIRCRAFT	.....	10,340,088	.....	11,844,786	.....	+1,504,698
TRAINER AIRCRAFT							
20	JPATS	.....	8,914	.....	8,914	.....	.....
	TOTAL, TRAINER AIRCRAFT	.....	8,914	.....	8,914	.....	.....
OTHER AIRCRAFT							
21	KC-130J	2	192,214	2	192,214	.....	.....
22	KC-130J [AP-CY]	.....	24,451	.....	24,451	.....	.....
23	MQ-4 TRITON	3	494,259	2	391,759	-1	-102,500
24	MQ-4 TRITON [AP-CY]	.....	54,577	.....	5,098	.....	-49,479
25	MQ-8 UAV	2	120,020	5	156,020	+3	+36,000
26	STUASLO UAV	.....	3,450	.....	3,450	.....	.....

		1	15,100	+1	+15,100
OTHER SUPPORT AIRCRAFT					
TOTAL, OTHER AIRCRAFT	888,971		788,092		-100,879
MODIFICATION OF AIRCRAFT					
28 EA-6 SERIES	9,799		9,799		+8,000
29 AEA SYSTEMS	23,151		31,151		+3,300
30 AV-8 SERIES	41,890		45,190		
31 ADVERSARY	5,816		5,816		
32 F-18 SERIES	978,756		939,556		-39,200
34 H-53 SERIES	46,887		46,887		
35 SH-60 SERIES	107,728		100,928		-6,800
36 H-1 SERIES	42,315		40,565		-1,750
37 EP-3 SERIES	41,784		44,984		+3,200
38 P-3 SERIES	3,067		3,067		
39 E-2 SERIES	20,741		20,741		
40 TRAINER A/C SERIES	27,980		27,980		
41 C-2A	8,157		8,157		
42 C-130 SERIES	70,335		66,735		-3,600
43 F4U	633		633		
44 CARGO/TRANSPORT A/C SERIES	8,916		8,916		
45 E-6 SERIES	185,253		185,253		
46 EXECUTIVE HELICOPTERS SERIES	76,138		72,338		
47 SPECIAL PROJECT AIRCRAFT	23,702		23,702		
48 T-45 SERIES	105,439		105,439		
49 POWER PLANT CHANGES	9,917		9,917		
50 JPATS SERIES	13,537		13,537		
51 COMMON ECM EQUIPMENT	131,732		131,732		
52 COMMON AVIONICS CHANGES	202,745		202,745		
53 COMMON DEFENSIVE WEAPON SYSTEM	3,062		3,062		
54 ID SYSTEMS	48,206		48,206		
55 P-8 SERIES	28,492		28,092		-400
56 MAGTF EW FOR AVIATION	7,680		7,680		
57 MQ-8 SERIES	22,464		22,464		
58 RQ-7 SERIES	3,773		3,773		
59 V-22 (TILT/ROTOR AGFT) OSPREY	121,208		144,208		+23,000
60 F-35 STOVL SERIES	256,106		256,106		
61 F-35 CV SERIES	68,527		48,527		-20,000
62 QUICK REACTION CAPABILITY (QRC)	6,885		6,885		
TOTAL, MODIFICATION OF AIRCRAFT	2,752,821		2,714,771		-38,050

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
63	AIRCRAFT SPARES AND REPAIR PARTS	.....	1,563,515	.....	1,463,515	.....	- 100,000
	SPARES AND REPAIR PARTS .....	.....		.....		.....
64	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	.....	450,959	.....	450,959	.....
65	COMMON GROUND EQUIPMENT .....	.....	24,010	.....	24,010	.....
66	AIRCRAFT INDUSTRIAL FACILITIES .....	.....	42,012	.....	42,012	.....
67	WAR CONSUMABLES .....	.....	2,455	.....	2,455	.....
68	OTHER PRODUCTION CHARGES .....	.....	50,859	.....	50,859	.....
69	SPECIAL SUPPORT EQUIPMENT .....	.....	1,801	.....	1,801	.....
	FIRST DESTINATION TRANSPORTATION .....	.....		.....		.....
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES .....	.....	572,096	.....	572,096	.....
	TOTAL, AIRCRAFT PROCUREMENT, NAVY .....	.....	16,126,405	.....	17,392,174	.....	+ 1,265,769

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	F/A-18E/F (Fighter) Hornet		978,750	+ 978,750
	Authorization adjustment: Additional 12 aircraft—Navy UFR			+ 978,750
3	Joint Strike Fighter CV	897,542	778,142	- 119,400
	Restoring acquisition accountability: Delayed sustainment contract awards			- 105,000
	Restoring acquisition accountability: Unit cost growth			- 14,400
5	JSF STOVL	1,483,414	2,213,714	+ 730,300
	Authorization adjustment: Additional 6 aircraft and support equipment—USMC UFR			+ 846,000
	Restoring acquisition accountability: Delayed sustainment contract awards			- 95,000
	Restoring acquisition accountability: Unit cost growth			- 20,700
7	CH-53K (Heavy Lift)	41,300		- 41,300
	Restoring acquisition accountability: Advance procurement early to need			- 41,300
8	V-22 (Medium Lift)	1,436,355	1,421,355	- 15,000
	Restoring acquisition accountability: Unit cost growth			- 15,000
10	H-1 Upgrades (UH-1Y/AH-1Z)	800,057	795,405	- 4,652
	Maintain program affordability: Engineering change order funds excess to need			- 4,652
14	MH-60R [MYP]	969,991	964,991	- 5,000
	Budget documentation disparity: Poor justification of production line shutdown funds			- 5,000
17	P-8A Poseidon—AP	269,568	250,568	- 19,000
	Maintain program affordability: Advance procurement excess to need			- 19,000
23	MQ-4 Triton	494,259	391,759	- 102,500
	Restoring acquisition accountability: Quantity reduction from three to two aircraft			- 102,500
24	MQ-4 Triton—AP	54,577	5,098	- 49,479
	Restoring acquisition accountability: Advance procurement for two aircraft			- 49,479
25	MQ-8 UAV	120,020	156,020	+ 36,000
	Program increase: 3 additional MQ-8 aircraft for Navy			+ 36,000
27	Other Support Aircraft		15,100	+ 15,100
	Program increase: Additional UC-12W for USMC			+ 15,100
29	AEA Systems	23,151	31,151	+ 8,000
	Program increase			+ 8,000
30	AV-8 Series	41,890	45,190	+ 3,300
	Authorization adjustment: AV-8B Link 16 upgrades—Navy UFR			+ 3,300
32	F-18 Series	978,756	939,556	- 39,200
	Improving funds management: Prior year carryover			- 51,200
	Program increase: Update generators for EA-18 Growlers ..			+ 12,000
35	SH-60 Series	107,728	100,928	- 6,800
	Improving funds management: Prior year carryover			- 6,800
36	H-1 Series	42,315	40,565	- 1,750
	Maintain program affordability: Unjustified growth—installation funding			- 1,750
37	EP-3 Series	41,784	44,984	+ 3,200
	Program increase: 12th and final spiral 3 installation			+ 3,200
42	C-130 Series	70,335	66,735	- 3,600
	Maintain program affordability: Unjustified growth—installation funding			- 3,600
46	Executive Helicopters Series	76,138	72,338	- 3,800
	Maintain program affordability: Unjustified growth—installation funding			- 3,800
55	P-8 Series	28,492	28,092	- 400

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Improving funds management: Prior year carryover			-400
59	V-22 (Tilt/Rotor ACFT) Osprey	121,208	144,208	+23,000
	Authorization adjustment: MV-22 integrated aircraft survivability—MC UFR			+15,000
	Authorization adjustment: MV-22 ballistic protection—MC UFR			+8,000
61	F-35 CV Series	68,527	48,527	-20,000
	Improving funds management: Prior year carryover			-20,000
63	Spares and Repair Parts	1,563,515	1,463,515	-100,000
	Budget documentation disparity: Poor justification materials			-100,000

CH-53K Helicopter.—The fiscal year 2016 President’s budget request includes \$41,300,000 in advance procurement for the first two low rate initial production units of the CH-53K heavy lift helicopter for the Marine Corps. The Committee notes that developmental test has been delayed and now extends through June 2016. The Committee also understands that a milestone C decision is scheduled for the fourth quarter of fiscal year 2016. Therefore, the Committee believes that there is risk in the current schedule and it is premature to begin procurement of the CH-53K helicopter in fiscal year 2016 and recommends no funding for advance procurement.

MQ-4 Triton Unmanned Aerial Vehicle.—The fiscal year 2016 President’s budget requests \$494,259,000 for three low rate initial production [LRIP] Lot 1 aircraft. The President’s budget request also includes \$54,577,000 for advance procurement of three LRIP Lot 2 aircraft for production in fiscal year 2017. The Committee understands that Lots 1 and 2 will include only basic intelligence capability and that multiple intelligence capability will be added beginning with Lot 3 in fiscal year 2018. As expressed in the report accompanying the Senate version of the fiscal year 2015 Department of Defense Appropriations bill (Senate Report 113–211), the Committee remains concerned with software development delays. In addition, the delivery of the system demonstration test article [SDTA] aircraft has slipped from the second half of fiscal year 2015 to the first half of fiscal year 2017. Due to the Navy’s plan to meet the initial operational capability requirement with two SDTA aircraft and only two LRIP aircraft from Lot 1, the Committee recommends \$391,759,000 for two aircraft in fiscal year 2016 and sufficient funding in advance procurement, in addition to the funding provided in fiscal year 2015, to support the production of two aircraft in fiscal year 2017.

TH-57 Helicopter Trainers.—The Committee understands that the Navy rotary wing training fleet of TH-57B/C helicopters are equipped with obsolete avionics, increasingly costly to sustain and have little commonality with the rest of the rotary-wing fleet. Therefore, the Committee directs the Navy to submit a report to the congressional defense committees, not later than 180 days after enactment of the act, on the near and long-term plan to sustain and replace the TH-57 fleet.

WEAPONS PROCUREMENT, NAVY

Appropriations, 2015	\$3,137,257,000
Budget estimate, 2016	3,154,154,000
Committee recommendation	3,172,822,000

The Committee recommends an appropriation of \$3,172,822,000. This is \$18,668,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	WEAPONS PROCUREMENT, NAVY						
	BALLISTIC MISSILES						
	MODIFICATION OF MISSILES						
1	TRIDENT II MODS		1,099,064		1,099,064		
2	SUPPORT EQUIPMENT AND FACILITIES		7,748		7,748		
	MISSILE INDUSTRIAL FACILITIES						
	TOTAL, BALLISTIC MISSILES		1,106,812		1,106,812		
	OTHER MISSILES						
	STRATEGIC MISSILES						
3	TOMAHAWK	100	184,814	149	214,814	+49	+30,000
	TACTICAL MISSILES						
4	AMRAAM	167	192,873	167	207,873		+15,000
5	SIDEWINDER	227	96,427	227	96,427		
6	JSOW		21,419		21,419		
7	STANDARD MISSILE	113	435,352	113	435,352		
8	RAM	90	80,826	90	80,826		
11	STAND OFF PRECISION GUIDED MUNITION	27	4,265	27	4,265		
12	AERIAL TARGETS		40,792		40,792		
13	OTHER MISSILE SUPPORT		3,335		3,335		
	MODIFICATION OF MISSILES						
14	ESSM	30	44,440	30	44,440		
15	ESSM IAP-CYI		54,462		54,462		
16	HARM MODS		122,298		122,298		
	SUPPORT EQUIPMENT AND FACILITIES						
17	WEAPONS INDUSTRIAL FACILITIES		2,397		2,397		
18	FLEET SATELLITE COMM FOLLOW-ON		39,932		39,932		
	ORDNANCE SUPPORT EQUIPMENT						
19	ORDNANCE SUPPORT EQUIPMENT		57,641		31,309		-26,332

	TOTAL, OTHER MISSILES	1,381,273		1,399,941		+ 18,668
	TORPEDOES AND RELATED EQUIPMENT					
	TORPEDOES AND RELATED EQUIP					
20	SSTD	7,380		7,380		
21	MK-48 TORPEDO	65,611	8	65,611		
22	ASW TARGETS	6,912		6,912		
23	MK-54 TORPEDO MODS	113,219		113,219		
	MOD OF TORPEDOES AND RELATED EQUIP					
24	MK-48 TORPEDO ADCAP MODS	63,317		63,317		
25	QUICKSTRIKE MINE	13,254		13,254		
	SUPPORT EQUIPMENT					
26	TORPEDO SUPPORT EQUIPMENT	67,701		67,701		
27	ASW RANGE SUPPORT	3,699		3,699		
	DESTINATION TRANSPORTATION					
28	FIRST DESTINATION TRANSPORTATION	3,342		3,342		
	TOTAL, TORPEDOES AND RELATED EQUIPMENT	344,435		344,435		
	OTHER WEAPONS					
	GUNS AND GUN MOUNTS					
29	SMALL ARMS AND WEAPONS	11,937		11,937		
	MODIFICATION OF GUNS AND GUN MOUNTS					
30	CWS MODS	53,147		53,147		
31	COAST GUARD WEAPONS	19,022		19,022		
32	GUN MOUNT MODS	67,980		67,980		
33	AIRBORNE MINE NEUTRALIZATION SYSTEMS	19,823		19,823		
	TOTAL, OTHER WEAPONS	171,909		171,909		
35	SPARES AND REPAIR PARTS	149,725		149,725		
	TOTAL, WEAPONS PROCUREMENT, NAVY	3,154,154		3,172,822		+ 18,668

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Tomahawk	184,814	214,814	+ 30,000
	Authorization adjustment: Return production to minimum sustainment rate—Navy UFR			+ 30,000
4	AMRAAM	192,873	207,873	+ 15,000
	Authorization adjustment: Additional captive air training missiles			+ 15,000
19	Ordnance Support Equipment	57,641	31,309	– 26,332
	Classified program adjustment			– 30,000
	Authorization adjustment: Classified program			+ 3,668

Joint Stand-Off Weapon.—The Committee supports international sales of the Joint Stand-Off Weapon [JSOW], of which \$2,000,000,000 in foreign sales are expected across the future years defense program. In order to protect industrial base capability, the Navy and Defense Security Cooperation Agency should to take all steps to expeditiously finalize foreign military sales contracts with international customers that have already been notified and approved by Congress, and work with other allied partner nations to sustain the capability provided by JSOW.

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 2015	\$674,100,000
Budget estimate, 2016	723,741,000
Committee recommendation	728,741,000

The Committee recommends an appropriation of \$728,741,000. This is \$5,000,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROC AMMO, NAVY						
	NAVY AMMUNITION						
1	GENERAL PURPOSE BOMBS		101,238		101,238		
2	AIRBORNE ROCKETS, ALL TYPES		67,289		67,289		
3	MACHINE GUN AMMUNITION		20,340		20,340		
4	PRACTICE BOMBS		40,365		40,365		
5	CARTRIDGES & CART ACTUATED DEVICES		49,377		49,377		
6	AIR EXPENDABLE COUNTERMEASURES		59,651		59,651		
7	JATOS		2,806		2,806		
8	LRLAP 6 INCH LONG RANGE ATTACK PROJECTILE		11,596		11,596		
9	5 INCH/54 GUN AMMUNITION		35,994		40,994		+ 5,000
10	INTERMEDIATE CALIBER GUN AMMUNITION		36,715		36,715		
11	OTHER SHIP GUN AMMUNITION		45,483		45,483		
12	SMALL ARMS & LANDING PARTY AMMO		52,080		52,080		
13	PYROTECHNIC AND DEMOLITION		10,809		10,809		
14	AMMUNITION LESS THAN \$5 MILLION		4,469		4,469		
	TOTAL, PROC AMMO, NAVY		538,212		543,212		+ 5,000
	PROC AMMO, MARINE CORPS						
	MARINE CORPS AMMUNITION						
15	SMALL ARMS AMMUNITION		46,848		46,848		
16	LINEAR CHARGES, ALL TYPES		350		350		
17	40MM, ALL TYPES		500		500		
18	60MM, ALL TYPES		1,849		1,849		
19	81MM, ALL TYPES		1,000		1,000		
20	120MM, ALL TYPES		13,867		13,867		
21	GRENADES, ALL TYPES		1,390		1,390		
22	ROCKETS, ALL TYPES		14,967		14,967		
23	ARTILLERY, ALL TYPES		45,219		45,219		
24	FUZE, ALL TYPES		29,335		29,335		
25	NON LETHALS		3,868		3,868		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
28	AMMO MODERNIZATION		15,117		15,117		
29	ITEMS LESS THAN \$5 MILLION		11,219		11,219		
	TOTAL, PROC AMMO, MARINE CORPS		185,529		185,529		
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS		723,741		728,741		+ 5,000

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
9	5 Inch/54 Gun Ammunition	35,994	40,994	+ 5,000
	Program increase .....	.....	.....	+ 5,000

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 2015	\$15,954,379,000
Budget estimate, 2016	16,597,457,000
Committee recommendation	18,176,362,000

The Committee recommends an appropriation of \$18,176,362,000. This is \$1,578,905,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	SHIPBUILDING & CONVERSION, NAVY						
	OTHER WARSHIPS						
1	CARRIER REPLACEMENT PROGRAM		1,634,701		1,634,701		
2	CARRIER REPLACEMENT PROGRAM [AP-CY]	2	874,658		683,200		-191,458
3	VIRGINIA CLASS SUBMARINE		3,346,370	2	3,346,370		
4	VIRGINIA CLASS SUBMARINE [AP-CY]	1	1,993,740		1,993,740		
5	CVN REFUELING OVERHAUL		678,274	1	678,274		
6	CVN REFUELING OVERHAULS [AP-CY]		14,951		14,951		
7	DDG 1000	2	433,404		433,404		
8	DDG-51	2	3,149,703		4,149,703		+1,000,000
10	LITTORAL COMBAT SHIP	3	1,356,991	3	1,331,591		-25,400
	TOTAL, OTHER WARSHIPS		13,482,792		14,265,934		+783,142
	AMPHIBIOUS SHIPS						
12	LPD-17	1	550,000	1	550,000		
13	AFLAT FORWARD STAGING BASE [AP-CY]				97,000		+97,000
14	LHA REPLACEMENT [AP-CY]		277,543		476,543		+199,000
15	LX(R)-AP			1	250,000		+250,000
16	JOINT HIGH SPEED VESSEL			1	225,000		+225,000
	TOTAL, AMPHIBIOUS SHIPS		827,543		1,598,543		+771,000
	AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS						
17	TAO FLEET OILER	1	674,190	1	674,190		
17A	T-ATS(X) FLEET TUG			1	75,000		+75,000
17B	LCU REPLACEMENT			1	34,000		+34,000
19	MOORED TRAINING SHIP (AP)		138,200		138,200		
20	OUTFITTING		697,207		663,970		-33,237
21	SHIP TO SHORE CONNECTOR	5	255,630	4	204,630		-51,000
22	SERVICE CRAFT		30,014		30,014		
23	LOGAC SLEP	4	80,738	4	80,738		
24	YP CRAFT MAINTENANCE/ROH/SLEP		21,838		21,838		
25	COMPLETION OF PY SHIPBUILDING PROGRAMS		389,305		389,305		

TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM .....	.....	2,287,122	.....	2,311,885	.....	+ 24,763
TOTAL, SHIPBUILDING & CONVERSION, NAVY .....	.....	16,597,457	.....	18,176,362	.....	+ 1,578,905

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	Carrier Replacement Program—AP	874,658	683,200	− 191,458
	Restoring acquisition accountability: Defer non-nuclear long-lead material			− 191,458
8	DDG-51	3,149,703	4,149,703	+ 1,000,000
	Program increase: Funding to support incremental funding authorization for an additional DDG-51			+ 1,000,000
10	Littoral Combat Ship	1,356,991	1,331,591	− 25,400
	Restoring acquisition accountability: Defer weight and survivability enhancements until more research and development is completed			− 25,400
13	Afloat Forward Staging Base—AP		97,000	+ 97,000
	Authorization adjustment: Accelerate shipbuilding funding			+ 97,000
14	LHA Replacement—AP	277,543	476,543	+ 199,000
	Authorization adjustment: Accelerate LHA-8 advanced procurement			+ 199,000
15	LX(R)—AP		250,000	+ 250,000
	Program increase: Funding to support authorization proposal to accelerate delivery of LX(R) class ships			+ 250,000
16	Joint High Speed Vessel		225,000	+ 225,000
	Additional Joint High Speed Vessel			+ 225,000
17A	T-ATS(X) Fleet Tug		75,000	+ 75,000
	Authorization adjustment: Accelerate T-ATS(X)			+ 75,000
17B	LCU Replacement		34,000	+ 34,000
	Authorization adjustment: Accelerate LCU replacement			+ 34,000
20	Outfitting	697,207	663,970	− 33,237
	Improving funds management: Post delivery funds early to need			− 33,237
21	Ship to Shore Connector	255,630	204,630	− 51,000
	Restoring acquisition accountability: Slow production ramp to reduce concurrency			− 51,000

Shipbuilding Cost Reports.—Cost reports provide the Government with actual program costs and are used to validate cost models, which lead to improved cost estimates for future systems. Therefore, access to timely and accurate cost data is vital to the budgeting process and results in more informed decisionmaking. Cost reports are especially important for shipbuilding programs, since ships generally take several years to design, construct and deliver.

The Committee understands that the Department of Defense Director of Cost Assessment and Program Evaluation [CAPE] is not receiving cost reports for many shipbuilding programs from various shipyards and the Navy, particularly cost reports from major subcontractors and large dollar value government furnished equipment systems. The Committee directs the Director of CAPE to provide a list of delinquent and deficient cost reports to the Secretary of the Navy and the congressional defense committees not later than 60 days after the enactment of this act. Further, the Committee directs the Secretary of the Navy to work with the Director of CAPE and provide a plan to improve shipbuilding cost reporting to the congressional defense committees not later than 90 days after the enactment of this act. The plan should include a schedule with esti-

mated dates for outstanding contractors and program offices to submit all cost report data due to CAPE and a status of establishing cost reporting plans for current deficient programs and contracts. Further, this plan should lay out the strategy for providing cost data to the Director of CAPE and the cost community in a timely manner.

Shipbuilding Industrial Base and Workload Allocation.—As expressed in the report accompanying the Senate version of the fiscal year 2015 Department of Defense Appropriations Bill (Senate Report 113–211), the Committee remains concerned about the overall health of the shipbuilding industrial base and specifically about the health of the non-nuclear surface combatant shipbuilding industry. In compliance with Senate Report 113–211, the Navy submitted a report to Congress dated February 25, 2015, titled “Shipbuilding Industrial Base and Workload Allocation”. The Committee was disappointed when this report failed to describe how the Navy intended to meet its remaining obligations under a 2002 workload allocation agreement that the Navy reaffirmed in 2009 and still considers “in full force and effect.” While Congress is not a party to this agreement, the Committee finds it unacceptable that the Navy is unable “to determine the extent to which its obligations relating to the workload allocation provision remain unfulfilled.” The Committee also finds it troubling that the Navy communicated to Congress that it “has not fully considered all of the options” related to the agreement.

Consistent with the intent of the agreement signed by the Navy, funding for an additional DDG–51 *Arleigh Burke*-class destroyer would preserve options for maintaining an efficient and stable non-nuclear shipbuilding industrial base. It would also mitigate unfulfilled combatant commander requirements for large surface combatants. In addition, according to section 117 of S. 1376, the National Defense Authorization Act for Fiscal Year 2016, as reported, the Secretary of the Navy is authorized to incrementally fund an additional DDG–51 *Arleigh Burke*-class destroyer. Therefore, the Committee recommends an increase of \$1,000,000,000 in incremental funding for one *Arleigh Burke*-class destroyer in addition to the ten DDG–51s in the fiscal year 2013–2017 multiyear procurement contract.

Amphibious Warship Construction.—The Committee commends the Navy for including \$550,000,000 in the fiscal year 2016 budget request to build a 12th LPD–17 *San Antonio*-class amphibious ship. This additional ship will help reduce the level of risk being assumed with amphibious lift capability. As noted in previous Senate reports, the Navy and Marine Corps have agreed on a fiscally constrained minimum force of 33 ships to meet a 38 amphibious warship force requirement. This additional ship also provides continued stability and cost savings opportunities to the shipbuilding industrial base.

The Committee was also pleased when the Secretary of the Navy, the Chief of Naval Operations, and the Commandant of the Marine Corps agreed to support the LSD amphibious warship replacement program, known as LX(R), with a derivative of the LPD–17 *San Antonio*-class hull form. As detailed in the report accompanying the Senate version of the fiscal year 2010 Department of Defense Ap-

ropriations Bill (Senate Report 111–74), the Committee supports the use of common hull forms as a way to control ship costs and maintain production schedules. The use of an existing or common hull form for the LX(R) program will improve the Navy’s ability to deliver on a program that builds ships on time and on budget.

While the Committee was pleased with the Navy’s LX(R) hull form decision, it was disappointed the budget request contained no advance procurement funds for the program. The Committee believes the Navy’s current LX(R) build plan does not take advantage of the efficiencies and subsequent cost avoidance inherent in maintaining an active industrial base for construction of vessels utilizing the LPD–17 hull form. As a result, the Committee does not support the Navy’s current program of record construction start date of fiscal year 2020 and believes the optimum construction start for LX(R) class vessels is as early as fiscal year 2018. Therefore, the Committee recommends \$250,000,000 in advance procurement funding for investment in engineering design and planning, and long lead time equipment including propulsion, steering and electrical generating equipment, air conditioning plants, castings, and other items necessary to accelerate construction start of the first LX(R) vessel.

Finally, consistent with S. 1376, the National Defense Authorization Act for Fiscal Year 2016, as reported, the Committee recommends an additional \$199,000,000 in advance procurement funding for the LHA amphibious assault warship replacement program. As noted in the report accompanying S. 1376, these additional funds would expedite delivery of LHA 8 enabling the Navy to reach the force structure assessment objective of 11 large deck amphibious ships as early as fiscal year 2023.

Joint High Speed Vessel [JHSV].—The Department of the Navy is procuring JHSVs for fast intra-theater transportation of troops, military vehicles and equipment. Congress provided funds for an additional JHSV in the Department of Defense Appropriations Act, 2015 (Public Law 113–235) because the Navy assumed risk with the overall JHSV requirement when it reduced the program procurement objective from 18 to 10 ships with the fiscal year 2013 budget submission. Considering the ability of the JHSV to support all branches of the military services, provide intra-theater sealift, operate in littoral environments and austere port environments, and support humanitarian/disaster relief activities, the Committee continues to support procuring additional JHSVs to address the original requirement. Further, the Committee continues to note that one JHSV continues to be used as an experimental test platform for Navy technology projects. Therefore, the Committee recommends \$225,000,000 to procure one JHSV in fiscal year 2016.

Cruiser and Dock Landing Ship Phased Modernization.—The Navy’s fiscal year 2016 budget request does not fully fund a phased modernization plan for Cruiser and Dock Landing ships, in contravention to direction provided in the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291) and the Department of Defense Appropriations Act, 2015 (Public Law 113–235). Consistent with the report accompanying the Senate version of the fiscal year 2016 National Defense Authorization Act (Senate Report 114–49), as re-

ported, the Committee believes the Navy should request full funding in fiscal year 2017 and throughout the future years defense program [FYDP] for the phased modernization program for cruisers and dock landing ships in the regular appropriations accounts. Consistent with Committee direction provided since fiscal year 2013, the Committee expects the Navy to fully program across the FYDP for all manpower, readiness, and modernization associated with its phased modernization plan.

Intergovernmental Support for New Vessel Construction.—The Committee recognizes that the Navy has the most experienced Federal capacity and capability for managing new vessel construction and acquisition. Leveraging the successful construction of the Navy’s Auxiliary General Oceanographic Research [AGOR] class vessel built for the Nation’s academic research fleet, the National Oceanic and Atmospheric Administration [NOAA] has been coordinating with the Navy on the design and acquisition for NOAA’s new series of Ocean Survey Vessels. While funding for NOAA vessels is provided in legislation making appropriations for the Departments of Commerce and Justice, for science-related programs, and related agencies, and not this act, the Committee directs the Navy to continue working with NOAA to support the interagency agreement for the Navy to acquire ships for NOAA, which was signed by the two agencies in May 2014.

Polar-Class Icebreakers.—Senate Report 113–211, accompanying the Department of Defense Appropriations Act, 2015, noted the Committee’s support for the interagency process to develop requirements for a new Polar-class icebreaker or similarly Arctic-capable surface vessel to recognize the strategic importance of Arctic operations to our Nation’s future security and prosperity. Accordingly, Senate Report 113–211 directed the Deputy Secretary of Defense, in cooperation with the Secretary of the Navy and the Commandant of the United States Coast Guard to provide the congressional defense committees a plan to begin expanding U.S. icebreaking capacity. The Committee looks forward to receiving the report and associated briefing in a timely manner.

OTHER PROCUREMENT, NAVY

Appropriations, 2015	\$5,846,558,000
Budget estimate, 2016	6,614,715,000
Committee recommendation	6,329,750,000

The Committee recommends an appropriation of \$6,329,750,000. This is \$284,965,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT						
	SHIP PROPULSION EQUIPMENT						
1	LW-2500 GAS TURBINE		4,881		4,881		
2	ALLISON 501K GAS TURBINE		5,814		5,814		
3	HYBRID ELECTRIC DRIVE (HED)		32,906		29,106		-3,800
	GENERATORS						
4	SURFACE COMBATANT HM&E		36,860		36,860		
	NAVIGATION EQUIPMENT						
5	OTHER NAVIGATION EQUIPMENT		87,481		87,481		
	PERISCOPES						
6	SUB PERISCOPES & IMAGING EQUIP		63,109		63,109		
	OTHER SHIPBOARD EQUIPMENT						
7	DDG MOD		364,157		361,195		-2,962
8	FIREFIGHTING EQUIPMENT		16,089		13,983		-2,106
9	COMMAND AND CONTROL SWITCHBOARD		2,255		2,255		
10	LHA/LHD MIDLIFE		28,571		26,545		-2,026
11	LCC 19/20 EXTENDED SERVICE LIFE		12,313		8,631		-3,682
12	POLLUTION CONTROL EQUIPMENT		16,609		16,609		
13	SUBMARINE SUPPORT EQUIPMENT		10,498		10,498		
14	VIRGINIA CLASS SUPPORT EQUIPMENT		35,747		35,747		
15	LCS CLASS SUPPORT EQUIPMENT		48,399		39,349		-9,050
16	SUBMARINE BATTERIES		23,072		23,072		
17	LPD CLASS SUPPORT EQUIPMENT		55,283		43,462		-11,821
18	STRATEGIC PLATFORM SUPPORT EQUIP		18,563		18,563		
19	DSSP EQUIPMENT		7,376		7,376		
21	LCAC		20,965		15,125		-5,840
22	UNDERWATER EOD PROGRAMS		51,652		46,376		-5,276
23	ITEMS LESS THAN \$5 MILLION		102,498		77,860		-24,638
24	CHEMICAL WARFARE DETECTORS		3,027		3,027		
25	SUBMARINE LIFE SUPPORT SYSTEM		7,399		7,399		

27	REACTOR PLANT EQUIPMENT		296,095		296,095				
	REACTOR COMPONENTS								
	OCEAN ENGINEERING								
28	DIVING AND SALVAGE EQUIPMENT		15,982		15,982				
	SMALL BOATS								
29	STANDARD BOATS		29,982		29,982				
	TRAINING EQUIPMENT								
30	OTHER SHIPS TRAINING EQUIPMENT		66,538		43,341				-23,197
	PRODUCTION FACILITIES EQUIPMENT								
31	OPERATING FORCES IPE		71,138		58,138				-13,000
	OTHER SHIP SUPPORT								
32	NUCLEAR ALTERATIONS		132,625		132,625				
33	LCS COMMON MISSION MODULES EQUIPMENT		23,500		23,061				-439
34	LCS MCM MISSION MODULES		85,151		33,701				-51,450
35	LCS SUW MISSION MODULES		35,228		35,228				
36	REMOTE MINEHUNTING SYSTEM (RMS)		87,627		53,077				-34,550
	LOGISTICS SUPPORT								
37	LSD MIDLIFE		2,774		2,774				
	TOTAL, SHIPS SUPPORT EQUIPMENT		1,902,164		1,708,327				-193,837
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT								
	SHIP SONARS								
38	SPQ-9B RADAR		20,551		19,841				-710
39	AN/SQQ-89 SURF ASW COMBAT SYSTEM		103,241		103,241				
40	SSN ACOUSTICS		214,835		234,835				+20,000
41	UNDERSEA WARFARE SUPPORT EQUIPMENT		7,331		7,331				
42	SONAR SWITCHES AND TRANSDUCERS		11,781		11,781				
	ASW ELECTRONIC EQUIPMENT								
44	SUBMARINE ACOUSTIC WARFARE SYSTEM		21,119		18,696				-2,423
45	SSTD		8,396		8,396				
46	FIXED SURVEILLANCE SYSTEM		146,968		146,968				
47	SURTASS		12,953		12,953				
48	MARITIME PATROL AND RECONNAISSANCE FORCE		13,725		13,725				
	ELECTRONIC WARFARE EQUIPMENT								
49	AN/SLO-32		324,726		302,732				-21,994

(Dollars in thousands)

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
50	RECONNAISSANCE EQUIPMENT						
51	SHIPBOARD IW EXPLOIT		148,221		138,002		- 10,219
	AUTOMATED IDENTIFICATION SYSTEM (AIS)		152		152		
52	SUBMARINE SURVEILLANCE EQUIPMENT						
	SUBMARINE SUPPORT EQUIPMENT PROG		79,954		78,816		-1,138
53	OTHER SHIP ELECTRONIC EQUIPMENT						
54	COOPERATIVE ENGAGEMENT CAPABILITY		25,695		25,695		
55	TRUSTED INFORMATION SYSTEM (TIS)		284		284		
56	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)		14,416		14,416		
57	ATDLS		23,069		23,069		
58	NAVY COMMAND AND CONTROL SYSTEM (NCCS)		21,014		21,014		
59	MINESWEEPING SYSTEM REPLACEMENT		18,077				-18,077
60	SHALLOW WATER MCM		12,359		12,359		
61	NAVSTAR GPS RECEIVERS (SPACE)		4,240		4,240		
62	ARMED FORCES RADIO AND TV		17,440		17,440		
	STRATEGIC PLATFORM SUPPORT EQUIP						
	TRAINING EQUIPMENT						
63	OTHER TRAINING EQUIPMENT		41,314		41,314		
64	AVIATION ELECTRONIC EQUIPMENT						
65	MATCALS		10,011		10,011		
66	SHIPBOARD AIR TRAFFIC CONTROL		9,346		9,346		
67	AUTOMATIC CARRIER LANDING SYSTEM		21,281		21,281		
68	NATIONAL AIR SPACE SYSTEM		25,621		25,621		
69	FLEET AIR TRAFFIC CONTROL SYSTEMS		8,249		8,249		
70	LANDING SYSTEM		14,715		14,715		
71	ID SYSTEMS		29,676		29,676		
	TAC A/C MISSION PLANNING SYSTEMS]		13,737		13,737		
72	OTHER SHORE ELECTRONIC EQUIPMENT						
73	DEPLOYABLE JOINT COMMAND AND CONT		1,314		1,314		
74	TADIX-B		13,600		13,600		
75	DCGS-N		31,809		31,809		
76	CANES		278,991		275,641		-3,350

77	RADIAC	8,294	8,294	8,294	8,294
78	CANES-INTELL	28,695	28,695	28,695	28,695
79	GRETE	6,962	6,962	6,962	6,962
80	MASF	290	290	290	290
81	INTEG COMBAT SYSTEM TEST FACILITY	14,419	14,419	14,419	14,419
82	EMI CONTROL INSTRUMENTATION	4,175	4,175	4,175	4,175
83	ITEMS LESS THAN \$5 MILLION	44,176	44,176	44,176	44,176
	SHIPBOARD COMMUNICATIONS				
84	SHIPBOARD TACTICAL COMMUNICATIONS	8,722	8,722	8,722	8,722
85	SHIP COMMUNICATIONS AUTOMATION	108,477	108,477	108,477	108,477
86	COMMUNICATIONS ITEMS UNDER \$5M	16,613	16,613	16,613	16,613
	SUBMARINE COMMUNICATIONS				
87	SUBMARINE BROADCAST SUPPORT	20,691	20,691	16,021	16,021
88	SUBMARINE COMMUNICATION EQUIPMENT	60,945	60,945	60,945	60,945
	SATELLITE COMMUNICATIONS				
89	SATELLITE COMMUNICATIONS SYSTEMS	30,892	30,892	30,892	30,892
90	NAVY MULTIBAND TERMINAL (NMT)	118,113	118,113	118,113	118,113
	SHORE COMMUNICATIONS				
91	JCS COMMUNICATIONS EQUIPMENT	4,591	4,591	4,591	4,591
92	ELECTRICAL POWER SYSTEMS	1,403	1,403	1,403	1,403
	CRYPTOGRAPHIC EQUIPMENT				
93	INFO SYSTEMS SECURITY PROGRAM (ISSP)	135,687	135,687	135,687	135,687
94	MIO INTEL EXPLOITATION TEAM	970	970	970	970
	CRYPTOLOGIC EQUIPMENT				
95	CRYPTOLOGIC COMMUNICATIONS EQUIP	11,433	11,433	11,433	11,433
	OTHER ELECTRONIC SUPPORT				
96	COAST GUARD EQUIPMENT	2,529	2,529	2,529	2,529
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	2,382,342	2,382,342	2,339,761	2,339,761
	AVIATION SUPPORT EQUIPMENT				
	SONOBUOYS				
97	SONOBUOYS—ALL TYPES	168,763	168,763	168,763	168,763
	AIRCRAFT SUPPORT EQUIPMENT				
98	WEAPONS RANGE SUPPORT EQUIPMENT	46,979	46,979	46,979	46,979
100	AIRCRAFT LAUNCH & RECOVERY EQUIPMENT	123,884	123,884	123,884	123,884
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT				-4,670

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
103	METEOROLOGICAL EQUIPMENT		15,090		15,090		
104	OTHER PHOTOGRAPHIC EQUIPMENT		638		638		
106	AIRBORNE MINE COUNTERMEASURES		14,098		14,098		
111	AVIATION SUPPORT EQUIPMENT		49,773		49,773		
	TOTAL, AVIATION SUPPORT EQUIPMENT		419,225		419,225		
	ORDNANCE SUPPORT EQUIPMENT						
	SHIP GUN SYSTEM EQUIPMENT						
112	SHIP GUN SYSTEMS EQUIPMENT		5,300		5,300		
	SHIP MISSILE SYSTEMS EQUIPMENT						
115	SHIP MISSILE SUPPORT EQUIPMENT		298,738		276,503		- 22,235
120	TOMAHAWK SUPPORT EQUIPMENT		71,245		71,245		
	FBM SUPPORT EQUIPMENT						
123	STRATEGIC MISSILE SYSTEMS EQUIP		240,694		240,694		
	ASW SUPPORT EQUIPMENT						
124	SSN COMBAT CONTROL SYSTEMS		96,040		96,040		
125	ASW SUPPORT EQUIPMENT		30,189		30,189		
	OTHER ORDNANCE SUPPORT EQUIPMENT						
129	EXPLOSIVE ORDNANCE DISPOSAL EQUIP		22,623		22,623		
130	ITEMS LESS THAN \$5 MILLION		9,906		9,906		
	OTHER EXPENDABLE ORDNANCE						
134	TRAINING DEVICE MODS		99,707		99,707		
	TOTAL, ORDNANCE SUPPORT EQUIPMENT		874,442		852,207		- 22,235
	CIVIL ENGINEERING SUPPORT EQUIPMENT						
135	PASSENGER CARRYING VEHICLES		2,252		2,252		
136	GENERAL PURPOSE TRUCKS		2,191		2,191		
137	CONSTRUCTION & MAINTENANCE EQUIP		2,164		2,164		
138	FIRE FIGHTING EQUIPMENT		14,705		14,705		
139	TACTICAL VEHICLES		2,497		2,497		

140	AMPHIBIOUS EQUIPMENT	12,517	12,517	12,517	12,517	.....	.....	.....	.....
141	POLLUTION CONTROL EQUIPMENT	3,018	3,018	3,018	3,018	.....	.....	.....	.....
142	ITEMS UNDER \$5 MILLION	14,403	14,403	14,403	14,403	.....	.....	.....	.....
143	PHYSICAL SECURITY VEHICLES	1,186	1,186	1,186	1,186	.....	.....	.....	.....
	TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT	54,933	54,933	54,933	54,933	.....	.....	.....	.....
144	SUPPLY SUPPORT EQUIPMENT	18,805	18,805	18,805	18,805	.....	.....	.....	.....
145	MATERIALS HANDLING EQUIPMENT	10,469	10,469	10,469	10,469	.....	.....	.....	.....
146	OTHER SUPPLY SUPPORT EQUIPMENT	5,720	5,720	5,720	5,720	.....	.....	.....	.....
147	FIRST DESTINATION TRANSPORTATION	211,714	211,714	211,714	211,714	.....	.....	.....	.....
	SPECIAL PURPOSE SUPPLY SYSTEMS	246,708	246,708	246,708	246,708	.....	.....	.....	.....
	TOTAL, SUPPLY SUPPORT EQUIPMENT	7,468	7,468	7,468	7,468	.....	.....	.....	.....
	PERSONNEL AND COMMAND SUPPORT EQUIPMENT	36,433	36,433	36,433	36,433	.....	.....	.....	.....
	TRAINING DEVICES	3,180	3,180	3,180	3,180	.....	.....	.....	.....
148	TRAINING SUPPORT EQUIPMENT	4,790	4,790	4,790	4,790	.....	.....	.....	.....
	COMMAND SUPPORT EQUIPMENT	4,608	4,608	4,608	4,608	.....	.....	.....	.....
149	COMMAND SUPPORT EQUIPMENT	5,655	5,655	5,655	5,655	.....	.....	.....	.....
150	EDUCATION SUPPORT EQUIPMENT	9,929	9,929	9,929	9,929	.....	.....	.....	.....
151	MEDICAL SUPPORT EQUIPMENT	26,795	26,795	26,795	26,795	.....	.....	.....	.....
153	NAVAL MIP SUPPORT EQUIPMENT	88,453	88,453	88,453	88,453	.....	.....	.....	.....
154	OPERATING FORCES SUPPORT EQUIPMENT	99,094	99,094	99,094	99,094	.....	.....	.....	.....
155	CAISR EQUIPMENT	99,014	99,014	99,014	99,014	.....	.....	.....	.....
156	ENVIRONMENTAL SUPPORT EQUIPMENT	385,419	385,419	385,419	385,419	.....	.....	.....	.....
157	PHYSICAL SECURITY EQUIPMENT	328,043	328,043	328,043	328,043	.....	.....	.....	.....
159	ENTERPRISE INFORMATION TECHNOLOGY	21,439	21,439	21,439	21,439	.....	.....	.....	.....
160	NEXT GENERATION ENTERPRISE SERVICE	6,614,715	6,614,715	6,614,715	6,614,715	.....	.....	.....	.....
	TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT	379,686	379,686	379,686	379,686	.....	.....	.....	.....
161	SPARES AND REPAIR PARTS	307,464	307,464	307,464	307,464	.....	.....	.....	.....
	CLASSIFIED PROGRAMS	21,439	21,439	21,439	21,439	.....	.....	.....	.....
	TOTAL, OTHER PROCUREMENT, NAVY	6,329,750	6,329,750	6,329,750	6,329,750	.....	.....	.....	.....
		-5,733	-5,733	-5,733	-5,733	.....	.....	.....	.....
		-20,579	-20,579	-20,579	-20,579	.....	.....	.....	.....
		-284,965	-284,965	-284,965	-284,965	.....	.....	.....	.....

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Hybrid Electric Drive [HED]	32,906	29,106	- 3,800
	Improving funds management: Support funding ahead of need			- 2,000
	Restoring acquisition accountability: Excess installation funding			- 1,800
7	DDG Mod	364,157	361,195	- 2,962
	Improving funds management: AWS upgrade prior year contract savings			- 2,962
8	Firefighting Equipment	16,089	13,983	- 2,106
	Restoring acquisition accountability: SCBA cost growth			- 2,106
10	LHA/LHD Midlife	28,571	26,545	- 2,026
	Improving funds management: VSD fire pump ahead of need			- 2,026
11	LCC 19/20 Extended Service Life Program	12,313	8,631	- 3,682
	Restoring acquisition accountability: LCC air search radar contract delay			- 3,682
15	LCS Class Support Equipment	48,399	39,349	- 9,050
	Restoring acquisition accountability: Habitability modification early to need			- 9,050
17	LPD Class Support Equipment	55,283	43,462	- 11,821
	Improving funds management: HW/SW obsolescence excess installation funding			- 2,000
	Improving funds management: Prior year carryover due to contract delays			- 9,821
21	LCAC	20,965	15,125	- 5,840
	Improving funds management: LCAC systems upgrade excess growth			- 5,840
22	Underwater EOD Programs	51,652	46,376	- 5,276
	Improving funds management: HULS retrofit kits ahead of need			- 1,652
	Improving funds management: MK18 mod 2 retrofit kits ahead of need			- 3,624
23	Items Less Than \$5 Million	102,498	77,860	- 24,638
	Improving funds management: Machinery plant upgrades excess installation funding			- 2,000
	Improving funds management: Automated voltage regulator funding carryover			- 5,149
	Improving funds management: PCMS funding carryover			- 10,555
	Restoring acquisition accountability: MLP AFSB SOF backfit excess cost			- 6,934
30	Other Ships Training Equipment	66,538	43,341	- 23,197
	Restoring acquisition accountability: LCS virtual ship training system growth			- 4,180
	Restoring acquisition accountability: LCS integrated tactical trainer ahead of need			- 19,017
31	Operating Forces Ipe	71,138	58,138	- 13,000
	Improving funds management: Shipyard capital investment program excess growth			- 13,000
33	LCS Common Mission Modules Equipment	23,500	23,061	- 439
	Restoring acquisition accountability: MPCE cost growth			- 439
34	LCS MCM Mission Modules	85,151	33,701	- 51,450
	Restoring acquisition accountability: COBRA ahead of need			- 17,700
	Restoring acquisition accountability: MCM mission module ahead of need			- 33,750
36	Remote Minehunting System [RMS]	87,627	53,077	- 34,550

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: RMMV ahead of need			- 34,550
38	SPQ-9B Radar	20,551	19,841	- 710
	Improving funds management: Installation funding carryover			- 710
40	SSN Acoustics	214,835	234,835	+ 20,000
	Authorization adjustment: Towed array—Navy UFR ...			+ 20,000
44	Submarine Acoustic Warfare System	21,119	18,696	- 2,423
	Improving funds management: NAE beacon contract savings			- 2,423
49	AN/SLO-32	324,726	302,732	- 21,994
	Restoring acquisition accountability: Block 1B3 excess installation funding			- 1,898
	Restoring acquisition accountability: Block 2 excess installation funding			- 20,096
50	Shipboard IW Exploit	148,221	138,002	- 10,219
	Restoring acquisition accountability: SSEE increment F ship cost growth			- 5,419
	Restoring acquisition accountability: SSEE increment F ship excess installation funding due to contract delays			- 4,800
52	Submarine Support Equipment Prog	79,954	78,816	- 1,138
	Restoring acquisition accountability: ICADF MMM antenna installation funding ahead of need			- 1,138
59	Shallow Water MCM	18,077		- 18,077
	Restoring acquisition accountability: COBRA ahead of need			- 18,077
76	CANES	278,991	275,641	- 3,350
	Restoring acquisition accountability: Installation cost growth			- 3,350
87	Submarine Broadcast Support	20,691	16,021	- 4,670
	Improving funds management: Low Band Universal Communication System (LBUCS) ahead of need ...			- 4,670
115	Ship Missile Support Equipment	298,738	276,503	- 22,235
	Maintain program affordability: Aegis support equipment excess growth			- 22,235
156	Environmental Support Equipment	26,795	21,062	- 5,733
	Improving funds management: Prior year carryover ...			- 5,733
161	Spares and Repair Parts	328,043	307,464	- 20,579
	Improving funds management: Prior year carryover ...			- 20,579

Littoral Combat Ship [LCS] Mission Modules.—The Committee continues to be concerned with the Navy's acquisition strategy for LCS mission modules. The Government Accountability Office has repeatedly noted that the Navy's strategy includes buying significant numbers of LCS mission modules before their performance is demonstrated and that the current inventory of mission packages exceeds the quantities necessary for operational testing. Additionally, the Director of Operational Test and Evaluation [DOT&E] noted in the latest DOT&E annual report that low operator proficiency, software immaturity, system integration issues and poor reliability of mine countermeasure components have continued to plague the program. Given these ongoing testing concerns, the Committee finds it prudent to slow the procurement of LCS mission modules and recommends a total reduction of \$104,516,000 to the fiscal year 2016 budget request for LCS mission modules and related components.

PROCUREMENT, MARINE CORPS

Appropriations, 2015	\$935,209,000
Budget estimate, 2016	1,131,418,000
Committee recommendation	1,239,618,000

The Committee recommends an appropriation of \$1,239,618,000. This is \$108,200,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, MARINE CORPS						
	WEAPONS AND COMBAT VEHICLES						
	TRACKED COMBAT VEHICLES						
1	AA7/A1 PIP		26,744		26,744		
2	LAV PIP		54,879		48,979		-5,900
	ARTILLERY AND OTHER WEAPONS						
3	EXPEDITIONARY FIRE SUPPORT SYSTEM		2,652		2,652		
4	155MM LIGHTWEIGHT TOWED HOWITZER		7,482		7,482		
5	HIGH MOBILITY ARTILLERY ROCKET SYSTEM		17,181		17,181		
6	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION		8,224		8,224		
	OTHER SUPPORT						
7	MODIFICATION KITS		14,467		14,467		
8	WEAPONS ENHANCEMENT PROGRAM		488		488		
	TOTAL, WEAPONS AND COMBAT VEHICLES		132,117		126,217		-5,900
	GUIDED MISSILES AND EQUIPMENT						
	GUIDED MISSILES						
9	GROUND BASED AIR DEFENSE		7,565		7,565		
10	JAVELIN		1,091		1,091		
11	FOLLOW ON TO SIMAW		4,872		4,872		
12	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)		668		668		
	OTHER SUPPORT						
13	MODIFICATION KITS		12,495	2,070	152,495	+2,070	+140,000
	TOTAL, GUIDED MISSILES AND EQUIPMENT		26,691		166,691		+140,000
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMMAND AND CONTROL SYSTEMS						
14	COMBAT OPERATIONS CENTER		13,109		13,109		
15	COMMON AVIATION COMMAND AND CONTROL SYS		35,147		16,747		-18,400

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
16	REPAIR AND TEST EQUIPMENT		21,210		21,210		
	REPAIR AND TEST EQUIPMENT						
17	OTHER SUPPORT (TEL)		792		792		
	COMMAND AND CONTROL						
19	ITEMS UNDER \$5 MILLION (COMM & ELEC)		3,642		3,642		
20	AIR OPERATIONS C2 SYSTEMS		3,520		3,520		
21	RADAR + EQUIPMENT (NON-TEL)		35,118		35,118		
22	RADAR SYSTEMS	3	130,661	3	130,661		
23	GROUND/AIR TASK ORIENTED RADAR	4	84,916	4	84,916		
	RQ-21 UAS						
24	INTELL/COMM EQUIPMENT (NON-TEL)		9,136		9,136		
25	FIRE SUPPORT SYSTEM		29,936		29,936		
28	INTELLIGENCE SUPPORT EQUIPMENT		1,947		1,947		
	DCGS-MC						
31	OTHER COMM/ELEC EQUIPMENT (NON-TEL)		2,018		2,018		
32	NIGHT VISION EQUIPMENT		67,295		67,295		
	NEXT GENERATION ENTERPRISE NETWORK (NGEN)						
33	OTHER SUPPORT (NON-TEL)		43,101		33,101		-10,000
34	COMMON COMPUTER RESOURCES		29,255		29,255		
35	COMMAND POST SYSTEMS		80,584		80,584		
36	RADIO SYSTEMS		66,123		66,123		
37	COMM SWITCHING & CONTROL SYSTEMS		79,486		79,486		
	COMM & ELEC INFRASTRUCTURE SUPPORT						
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		736,996		708,596		-28,400
	SUPPORT VEHICLES						
38	ADMINISTRATIVE VEHICLES		3,538		3,538		
39	COMMERCIAL PASSENGER VEHICLES		22,806		22,806		
	COMMERCIAL CARGO VEHICLES						

41	TACTICAL VEHICLES								
	MOTOR TRANSPORT MODIFICATIONS	7,743	7,743						
43	JOINT LIGHT TACTICAL VEHICLE	79,429	79,429	109					
44	FAMILY OF TACTICAL TRAILERS	3,157	3,157						
	OTHER SUPPORT								
45	ITEMS LESS THAN \$5 MILLION	6,938	6,938						
	TOTAL, SUPPORT VEHICLES	123,611	123,611						
	ENGINEER AND OTHER EQUIPMENT								
	ENGINEER AND OTHER EQUIPMENT								
46	ENVIRONMENTAL CONTROL EQUIP ASSORT	94	94						
47	BULK LIQUID EQUIPMENT	896	896						
48	TACTICAL FUEL SYSTEMS	136	136						
49	POWER EQUIPMENT ASSORTED	10,792	10,792						
50	AMPHIBIOUS SUPPORT EQUIPMENT	3,235	3,235						
51	EOD SYSTEMS	7,666	7,666						
	MATERIALS HANDLING EQUIPMENT								
52	PHYSICAL SECURITY EQUIPMENT	33,145	33,145						
53	GARRISON MOBILE ENGR EQUIP	1,419	1,419						
	GENERAL PROPERTY								
57	TRAINING DEVICES	24,163	24,163						
58	CONTAINER FAMILY	962	962						
59	FAMILY OF CONSTRUCTION EQUIPMENT	6,545	9,045						+2,500
60	FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV)	7,533	7,533						
	OTHER SUPPORT								
62	ITEMS LESS THAN \$5 MILLION	4,322	4,322						
	TOTAL, ENGINEER AND OTHER EQUIPMENT	100,908	103,408						+2,500
63	SPARES AND REPAIR PARTS	8,292	8,292						
	CLASSIFIED PROGRAMS	2,803	2,803						
	TOTAL, PROCUREMENT, MARINE CORPS	1,131,418	1,239,618						+108,200

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	LAV PIP	54,879	48,979	- 5,900
	Improving funds management: Prior year carryover			- 5,900
13	Modification Kits	12,495	152,495	+ 140,000
	Authorization adjustment: Additional missiles			+ 140,000
15	Common Aviation Command and Control System	35,147	16,747	- 18,400
	Restoring acquisition accountability: Procurement early to need			- 18,400
33	Common Computer Resources	43,101	33,101	- 10,000
	Improving funds management: Prior year carryover			- 10,000
59	Family of Construction Equipment	6,545	9,045	+ 2,500
	Program increase: Grade control systems			+ 2,500

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 2015	\$12,067,703,000
Budget estimate, 2016	15,657,769,000
Committee recommendation	15,890,661,000

The Committee recommends an appropriation of \$15,890,661,000. This is \$232,892,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from		
						Qty.	Budget estimate	
	AIRCRAFT PROCUREMENT, AIR FORCE							
	COMBAT AIRCRAFT							
	TACTICAL FORCES							
1	F-35	44	5,260,212	44	5,357,812			+ 97,600
2	F-35 (AP-CY)		460,260		460,260			
	TOTAL, COMBAT AIRCRAFT		5,720,472		5,818,072			+ 97,600
	AIRLIFT AIRCRAFT							
	OTHER AIRLIFT							
3	KC-46A TANKER	12	2,350,601	12	2,350,601			
4	C-130J	14	889,154	14	848,394			- 40,800
5	C-130J ADVANCE PROCUREMENT (CY)		50,000		50,000			
6	HC-130J	5	463,934	5	453,934			- 10,000
7	HC-130J		30,000		30,000			
8	MC-130J	8	828,472	8	790,872			- 37,600
9	MC-130J (AP)		60,000		60,000			
	TOTAL, AIRLIFT AIRCRAFT		4,672,161		4,583,761			- 88,400
	OTHER AIRCRAFT							
	HELICOPTERS							
	MISSION SUPPORT AIRCRAFT							
11	CIVIL AIR PATROL A/C	6	2,617	6	10,417			+ 7,800
	OTHER AIRCRAFT							
12	TARGET DRONES	75	132,028	75	132,028			
14	RQ-4 UAV		37,800		29,900			- 7,900
15	MQ-9	29	552,528	29	693,928			+ 141,400
	TOTAL, OTHER AIRCRAFT		724,973		866,273			+ 141,300

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MODIFICATION OF INSERVICE AIRCRAFT						
17	STRATEGIC AIRCRAFT						
18	B-2A		32,458		32,458		
19	B-1B		114,119		114,119		
20	B-52		148,987		144,987		-4,000
	LARGE AIRCRAFT INFRARED COUNTERMEASURES		84,335		84,335		
	TACTICAL AIRCRAFT						
22	F-15		464,367		682,071		+ 217,704
23	F-16		17,134		17,134		
24	F-22A		126,152		126,152		
25	F-35 MODIFICATIONS		70,167		70,167		
26	INCREMENT 3.2b		69,325		64,325		-5,000
	AIRLIFT AIRCRAFT						
28	C-5		5,604		2,604		-3,000
30	C-17A		46,997		46,997		
31	C-21		10,162		9,860		-302
32	C-32A		44,464		44,464		
33	C-37A		10,861		10,861		
	TRAINER AIRCRAFT						
34	GLIDER MODS		134		134		
35	T6		17,968		17,968		
36	T-1		23,706		22,956		-750
37	T-38		30,604		30,604		
	OTHER AIRCRAFT						
38	U-2 MODS		22,095		22,095		
39	KC-10A (ATCA)		5,611		5,611		
40	C-12		1,980		1,980		
42	VC-25A MOD		98,231		98,231		
43	C-40		13,171		6,586		-6,585
44	C-130		7,048		140,248		+ 133,200
45	C130I MODS		29,713		997		-28,716
46	C-135		49,043		49,043		

47	COMPASS CALL MODS	68,415	97,115	.....	.....	+ 28,700
48	RC-135	156,165	156,165	.....	.....	.....
49	E-3	13,178	13,178	.....	.....	.....
50	E-4	23,937	23,937	.....	.....	.....
51	E-8	18,001	18,001	.....	.....	.....
52	AIRBORNE WARNING AND CONTROL SYSTEM	183,308	183,308	.....	.....	.....
53	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	44,163	44,163	.....	.....	.....
54	H-1	6,291	6,291	.....	.....	.....
55	UH-1H REPLACEMENT	2,456	2,456	.....	.....	.....
56	H-60	45,731	23,831	.....	.....	- 21,900
57	RC-4 UAV MODS	50,022	50,022	.....	.....	.....
58	HQ/MC-130 MODIFICATIONS	21,660	16,660	.....	.....	- 5,000
59	OTHER AIRCRAFT	117,767	5,521	.....	.....	- 112,246
60	MQ-1 MODS	3,173	1,673	.....	.....	- 1,500
61	MQ-9 MODS	115,226	115,226	.....	.....	.....
63	CV-22 MODS	58,828	58,828	.....	.....	.....
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT	2,472,757	2,663,362	.....	.....	+ 190,605
64	AIRCRAFT SPARES AND REPAIR PARTS	656,242	656,242	.....	.....	.....
	INITIAL SPARES/REPAIR PARTS .....	.....	.....	.....	.....	.....
	TOTAL, AIRCRAFT SPARES AND REPAIR PARTS	656,242	656,242	.....	.....	.....
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES .....	.....	.....	.....	.....	.....
65	COMMON SUPPORT EQUIPMENT	33,716	33,716	.....	.....	.....
	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	.....	.....	.....	.....	.....
	POST PRODUCTION SUPPORT .....	.....	.....	.....	.....	.....
67	B-2A	38,837	38,837	.....	.....	.....
68	B-52	5,911	5,911	.....	.....	.....
69	C-17A	30,108	15,054	.....	.....	- 15,054
70	CV-22 POST PRODUCTION SUPPORT	3,353	3,353	.....	.....	.....
71	C-135	4,490	2,245	.....	.....	- 2,245
72	F-15 POST PRODUCTION SUPPORT	3,225	3,225	.....	.....	.....
73	F-16 POST PRODUCTION SUPPORT	14,969	14,969	.....	.....	.....
74	F-22A	971	971	.....	.....	.....
76	MQ-9	5,000	5,000	.....	.....	.....
	INDUSTRIAL PREPAREDNESS .....	.....	.....	.....	.....	.....
77	INDUSTRIAL PREPAREDNESS	18,802	18,802	.....	.....	.....

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
78	WAR CONSUMABLES		156,465		156,465		
	WAR CONSUMABLES						
	OTHER PRODUCTION CHARGES		1,052,814		961,900		- 90,914
79	OTHER PRODUCTION CHARGES						
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES		1,368,661		1,260,448		- 108,213
	CLASSIFIED PROGRAMS		42,503		42,503		
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		15,657,769		15,890,661		+ 232,892

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	F-35	5,260,212	5,357,812	+ 97,600
	Restoring acquisition accountability: Delayed sustainment contract awards			- 180,000
	Restoring acquisition accountability: Unit cost growth			- 114,400
	Program increase: 4 additional aircraft utilizing program savings			+ 392,000
4	C-130J	889,154	848,354	- 40,800
	Restoring acquisition accountability: Unit cost growth and contract delays			- 40,800
6	HC-130J	463,934	453,934	- 10,000
	Restoring acquisition accountability: Unit cost growth			- 10,000
8	MC-130J	828,472	790,872	- 37,600
	Restoring acquisition accountability: Excess trainer funds and unit cost growth			- 37,600
11	Civil Air Patrol A/C	2,617	10,417	+ 7,800
	Program Increase			+ 7,800
14	RQ-4	37,800	29,900	- 7,900
	Restoring acquisition accountability: Unjustified other production request			- 7,900
15	MQ-9	552,528	693,928	+ 141,400
	Restoring acquisition accountability: Program management and unit cost growth			- 18,600
	Program increase: Procure eight MQ-9 aircraft—AF UFR			+ 160,000
19	B-52	148,987	144,987	- 4,000
	Restoring acquisition accountability: CONECT unit cost growth			- 4,000
22	F-15	464,367	682,071	+ 217,704
	Transfer F-15: AF requested to RDAF Line #136 F-15 Squadrons			- 12,796
	Restoring acquisition accountability: Milestone C delay ..			- 10,000
	Authorization adjustment: F-15C AESA radars (6)			+ 48,000
	Authorization adjustment: F-15D AESA radars (24)			+ 192,500
26	Increment 3.2b (F-22)	69,325	64,325	- 5,000
	Restoring acquisition accountability: Cost growth for 3.2B kits			- 5,000
28	C-5	5,604	2,604	- 3,000
	Improving funds management: Prior year carryover			- 3,000
31	C-21	10,162	9,860	- 302
	Improving funds management: Prior year carryover			- 302
36	T-1	23,706	22,956	- 750
	Restoring acquisition accountability: Excess program management and prior year carryover			- 750
43	C-40	13,171	6,586	- 6,585
	Improving funds management: Prior year carryover			- 6,585
44	C-130	7,048	140,248	+ 133,200
	Authorization adjustment: C-130H Electronic Prop Control System—AF UFR			+ 13,500
	Authorization adjustment: C-130H In-flight Prop Balancing System—AF UFR			+ 1,500
	Authorization adjustment: C-130H T-56 3.5 Engine Mods			+ 33,200
	Authorization adjustment: Funds to comply with Section 134, Fiscal Year 2015 NDAA			+ 75,000
	Program increase: Eight bladed propeller system			+ 10,000
45	C-130J Mods	29,713	997	- 28,716
	Restoring acquisition accountability: Block 8.1 development slip			- 28,716
47	Compass Call Mods EC-130	68,415	97,115	+ 28,700

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Authorization adjustment: Modification for restored EC-130H			+ 28,700
56	H-60	45,731	23,831	- 21,900
	Restoring acquisition accountability: Milestone C delay ..			- 21,900
58	HC/MC-130 Modifications	21,660	16,660	- 5,000
	Restoring acquisition accountability: Block 8.1 development slip			- 5,000
59	Other Aircraft	117,767	5,521	- 112,246
	Transfer COMSEC equipment: AF requested to OPAF Line #11 COMSEC			- 2,246
	Budget documentation disparity: Unjustified request			- 110,000
60	MQ-1 Mods	3,173	1,673	- 1,500
	Restoring acquisition accountability: Excess initial spares			- 1,500
69	C-17A	30,108	15,054	- 15,054
	Improving funds management: Prior year carryover			- 15,054
71	C-135	4,490	2,245	- 2,245
	Improving funds management: Prior year carryover			- 2,245
79	Other Production Charges	1,052,814	961,900	- 90,914
	Transfer NATO AGS: AF requested from RDAF Line #216 NATO AGS			+ 59,086
	Classified program adjustment			- 150,000

C-130 Beddown.—The Committee notes that the Air Force has not formally established a long term plan to augment the National Guard's fleet of C-130Hs with C-130Js. To accept new aircraft and to plan for modification of their existing C-130H fleet, the National Guard needs adequate time to prepare and budget for the future fleet mix. Therefore, the Committee directs the Secretary of the Air Force to provide a beddown plan that lays out, by location and fiscal year through the end of the C-130H's expected life, the future mix of the National Guard's C-130H and C-130J fleet not later than 180 days after enactment of this act.

F-16 Avionics Upgrade.—The F-16 Fighting Falcon is currently the primary multi-mission fighter for the Air Force. As threats and tactics evolve and weapons and sensor technologies improve, the need to modernize F-16 avionics to take full advantage of these advances becomes undeniable. Therefore, the Committee encourages the Air Force to undertake strategic avionics upgrades to ensure the F-16, particularly the older blocks, remains capable of fulfilling its central role in the fleet and combat relevance.

USAF UH-1N Replacement.—The fiscal year 2016 President's budget request includes \$2,456,000 for the UH-1N replacement program. The Committee notes that there is no research and development funding for this program, and that the Air Force will proceed directly to procurement of non-developmental aircraft. The Committee is encouraged by this methodology as long as Joint Requirements Oversight Council validated requirements are met. The Committee believes this acquisition strategy may lower sustainment costs and affords expeditious procurement that will enable the Air Force to meet its objective of fielding replacement aircraft by 2017.

C-130 Avionics Modernization Program.—The Secretary of the Air Force may proceed with and accelerate a C-130H modification program known as AMP Increment 1 to address safety and air-

space compliance requirements, using funds provided in this bill and previous funds appropriated for the avionics modernization program of record. In addition, the Committee expects the Air Force to continue efforts for AMP Increment 2 modifications, using previously purchased components and leveraging research and development efforts to the maximum extent practical.

Undefinitized Contract Actions (UCA).—In the report accompanying the Senate version of the Department of Defense Appropriations Act, 2015 (Senate Report 113–211), the Committee directed the Government Accountability Office [GAO] to review the use of UCAs within the Aircraft Procurement, Air Force account to determine how often this contracting option is being utilized and for what purpose. The GAO completed the review and highlighted several troubling trends. According to the findings, GAO found that the Air Force obligated \$14,000,000,000 on UCAs from fiscal years 2010 through 2014 and the number of Air Force UCAs awarded has been relatively constant from fiscal year 2011 to 2014. Of the nine UCAs that the GAO reviewed, none were definitized within 180 days of contract award, as required in the Defense Federal Acquisition Regulation. Lastly, they found the Air Force has been using advance procurement funds to award undefinitized long-lead contracts, which the GAO found may be underreported in the Department’s semiannual “Undefinitized Contracts” report to Congress. The GAO reported that the most common rationale for definitization delays is insufficient pricing data and changing requirements. The Committee remains extremely concerned with the Air Force’s common practice of using UCAs.

The Committee is also concerned with the large amount of unobligated balances within the Aircraft Procurement, Air Force account. During the 2015 mid-year review, the Air Force had \$1,200,000,000 of fiscal year 2013 funds unobligated with only 6 months remaining before expiration, as well as \$3,900,000,000 of fiscal year 2014 funds unobligated. In a fiscally constrained environment, these practices need to change.

The Committee directs the Secretary of the Air Force to develop a policy requiring the Air Force Service Acquisition Executive to review and approve requirements changes when undefinitized contracting actions are utilized and provide a report to the congressional defense committees, not later than 180 days after enactment of this act, on the implementation of such policy. In addition, the Committee is concerned that the “Undefinitized Contracts” report to Congress does not encompass all of the UCAs being used by the Air Force. Therefore, the Committee directs the Air Force to modify the existing “Undefinitized Contracts” report, to include all current and future UCAs, the timeline to definitize each contract, and a plan on how to reduce the use of this contracting methodology on non-urgent requirements.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 2015	\$4,629,662,000
Budget estimate, 2016	2,987,045,000
Committee recommendation	2,965,869,000

The Committee recommends an appropriation of \$2,965,869,000. This is \$21,176,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	MISSILE PROCUREMENT, AIR FORCE						
	BALLISTIC MISSILES						
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC						
1	MISSILE REPLACEMENT EQ—BALLISTIC		94,040		94,040		
	OTHER MISSILES						
	TACTICAL						
3	JOINT AIR-SURFACE STANDOFF MISSILE [JASSM]	360	440,578	360	430,578		-10,000
4	SIDEWINDER (AIM-9X)	506	200,777	506	198,247		-2,530
5	AWRAAM	262	390,112	262	381,466		-8,646
6	PREDATOR HELFIRE MISSILE	3,756	423,016	3,756	423,016		
7	SMALL DIAMETER BOMB	1,942	133,697	1,942	133,697		
	INDUSTRIAL FACILITIES						
8	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION		397		397		
	TOTAL, OTHER MISSILES		1,588,577		1,567,401		-21,176
	MODIFICATION OF INSERVICE MISSILES						
	CLASS IV						
9	MM III MODIFICATIONS		50,517		50,517		
10	AGM-650 MAVERICK		9,639		9,639		
11	AGM-88A HARM		197		197		
12	AIR LAUNCH CRUISE MISSILE		25,019		25,019		
	TOTAL, MODIFICATION OF INSERVICE MISSILES		85,372		85,372		
	SPARES AND REPAIR PARTS						
14	INITIAL SPARES/REPAIR PARTS		48,523		48,523		
	SPECIAL PROGRAMS						
28	SPECIAL UPDATE PROGRAMS		276,562		276,562		
	CLASSIFIED PROGRAMS		893,971		893,971		

[Dollars in thousands]

Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
					Qty.	Budget estimate
TOTAL, MISSILE PROCUREMENT, AIR FORCE	2,987,045	.....	2,965,869	.....	- 21,176

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Joint Air-Surface Standoff Missile	440,578	430,578	- 10,000
	Restoring acquisition accountability: Unit cost efficiencies .....	.....	.....	- 10,000
4	Sidewinder (AIM-9X)	200,777	198,247	- 2,530
	Restoring acquisition accountability: Unit cost efficiencies .....	.....	.....	- 2,530
5	AMRAAM	390,112	381,466	- 8,646
	Restoring acquisition accountability: Joint program unit cost variance .....	.....	.....	- 8,646

Advanced Medium Range Air-to-Air Missile [AMRAAM] Diminishing Manufacturing Sources/Material Shortages [DMSMS].—The Committee remains concerned about increasing AMRAAM DMSMS costs. A fiscal year 2013 Department report required by the Committee estimated AMRAAM DMSMS costs at 12.8 percent of total program production costs from fiscal year 2008 through fiscal year 2015. Actual DMSMS costs in fiscal years 2014 and 2015 were over 19 percent of total program costs, and are estimated to be over 17 percent in fiscal year 2016. For fiscal year 2015, DMSMS expenses almost doubled, from an estimated \$34,000,000 to \$63,000,000. The Committee is aware that many factors contribute to DMSMS costs, and that the Air Force has an active plan to sustain AMRAAM inventory beyond 2030 at reasonable expense. The Committee urges the Air Force to continue to be proactive in this effort.

SPACE PROCUREMENT, AIR FORCE

Appropriations, 2015 .....	.....
Budget estimate, 2016	\$2,584,061,000
Committee recommendation	2,891,159,000

The Committee recommends an appropriation of \$2,891,159,000. This is \$307,098,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	SPACE PROGRAMS						
1	ADVANCED EHF		333,366		333,366		.....
2	WIDEBAND GAPPILLER SATELLITES		53,476		33,476		- 20,000
3	GPS III SPACE SEGMENT	1	199,218	1	199,218		.....
4	SPACEBORNE EQUIP (COMSEC)		18,362		13,362		- 5,000
5	GLOBAL POSITIONING (SPACE)		66,135		66,135		.....
6	DEF METEOROLOGICAL SAT PROG (SPACE)		89,351		.....		- 89,351
7	EVOLVED EXPENDABLE LAUNCH VEH INFRASTRUCTURE (SPACE)		571,276		571,276		.....
8	EVOLVED EXPENDABLE LAUNCH VEH (SPACE)	5	800,201	5	800,201		.....
9	SRIR HIGH (SPACE)		452,676		452,676		.....
10	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS		52,192		52,192		+ 52,192
11	SPACE BASED IR SENSOR PGM SPACE		90,190		90,190		+ 90,190
12	NAVSTAR GPS SPACE		2,029		2,029		+ 2,029
13	NUDET DETECTION SYS SPACE		5,095		5,095		+ 5,095
14	AF SATELLITE CONTROL NETWORK SPACE		76,673		76,673		+ 76,673
15	SPACE/LIFT RANGE SYSTEM SPACE		93,275		93,275		+ 93,275
16	MILSATCOM SPACE		35,495		35,495		+ 35,495
17	SPACE MODS SPACE		23,435		23,435		+ 23,435
18	COUNTERSPACE SYSTEM		43,065		43,065		+ 43,065
	TOTAL, SPACE PROCUREMENT, AIR FORCE		2,584,061		2,891,159		+ 307,098

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	Wideband Gapfiller Satellites (Space)	53,476	33,476	- 20,000
	Restoring acquisition accountability: Unjustified cost growth			- 20,000
4	Spaceborne Equip (COMSEC)	18,362	13,362	- 5,000
	Improving funds management: Prior year carryover			- 5,000
6	Def Meteorological Sat Prog (Space)	89,351		- 89,351
	Program termination			- 89,351
10	Family of Beyond Line-of-Sight Terminals		52,192	+ 52,192
	Transfer from Other Procurement, Air Force line 43			+ 79,592
	Restoring acquisition accountability: Schedule slip			- 27,400
11	Space Based Ir Sensor Pgm Space		90,190	+ 90,190
	Transfer from Other Procurement, Air Force line 44			+ 90,190
12	Navstar GPS Space		2,029	+ 2,029
	Transfer from Other Procurement, Air Force line 45			+ 2,029
13	Nudet Detection Sys Space		5,095	+ 5,095
	Transfer from Other Procurement, Air Force line 46			+ 5,095
14	AF Satellite Control Network Space		76,673	+ 76,673
	Transfer from Other Procurement, Air Force line 47			+ 76,673
15	Spacelift Range System Space		93,275	+ 93,275
	Transfer from Other Procurement, Air Force line 48			+ 113,275
	Improving funds management: Prior year carryover			- 20,000
16	Milsatcom Space		35,495	+ 35,495
	Transfer from Other Procurement, Air Force line 49			+ 35,495
17	Space Mods Space		23,435	+ 23,435
	Transfer from Other Procurement, Air Force line 50			+ 23,435
18	Counterspace System		43,065	+ 43,065
	Transfer from Other Procurement, Air Force line 51			+ 43,065

Space Procurement.—The fiscal year 2016 budget requests a new 5-year appropriation account to fund space procurement programs. The Committee supports the creation of a new appropriation account and believes that all space-related procurement line items should be included. Therefore, the Committee recommendation transfers space-related items requested in Other Procurement, Air Force to the new Space Procurement, Air Force account. However, the Committee does not support the request for 5-year availability of funds and recommends retention of the standard 3-year time period for traditional procurement accounts.

Evolved Expendable Launch Vehicle Competition.—The Committee supports competition in the Evolved Expendable Launch Vehicle [EELV] program and appreciates the Air Force's efforts to find the proper balance between reducing launch costs and maintaining mission assurance as it transitions from a sole source to a competitive procurement environment. In an effort to further enhance competition, last year the Department of Defense Appropriations Act, 2015 added \$125,000,000 to double the number of competitive launch opportunities in fiscal year 2015 and required that the competition include at least two certified launch service providers. However, the Department of Defense and the Intelligence Community have notified the Committee that Section 1608 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291; 128 Stat.

3314) restricts the incumbent launch provider's use of the RD-180 engine on its most competitive launch vehicle, nullifying the intent of the Committee's \$125,000,000 add for a launch vehicle competition. Additionally, the Department has informed the Committee that Section 1608 would limit the availability of RD-180 engines for future competitions to five, which may create a multi-year gap where the Department has neither assured access to space nor an environment where price-based competition is possible. Therefore, the Committee recommends a rescission of \$125,000,000 from fiscal year 2015 funds due to the statutory impediment to competition. The Committee does not recommend a reduction of competitive launch opportunities in fiscal year 2016, because true competition may still be possible in fiscal year 2016 if Congress implements the Department's recommended modification to Section 1608. The Committee believes that this modification would enable a responsible transition away from the RD-180 as soon as possible while maintaining the goal of reducing launch costs through true competition. To ensure expeditious development of an alternative engine, the Committee recommendation also includes an increase of \$143,600,000 in Research, Development, Test and Evaluation, Air Force for rocket engine development.

Defense Meteorological Satellite Program.—The budget request includes \$89,351,000 for the Defense Meteorological Satellite Program [DMSP]. Last year, the Department of Defense Appropriation Act, 2015 outlined concerns about the excessive cost of launching this satellite and restricted \$50,000,000 of funding for the program, unless the Secretary of the Air Force could certify that the satellite would be launched by the end of calendar year 2016. The Air Force has notified Congress that it will not be able to launch DMSP-20 by 2016, but proposes launching the satellite in fiscal year 2018 or 2019 at a cost of between \$410,000,000 to \$455,000,000, in addition to approximately \$500,000,000 already spent on the satellite. The Committee questions the Air Force's decision to incur these additional costs to launch a satellite with 1990s technology that the Air Force has previously stated no longer meets its requirements. The Committee believes that such funds would be better spent on developing new technologies and enhancing the capabilities of the next generation of weather satellites. Therefore, the Committee recommends no funding for the DMSP program in fiscal year 2016. The Committee also recommends a rescission of the \$50,000,000 of fiscal year 2015 funds. The Committee expects the Air Force to bring the program to an orderly close with the remaining fiscal year 2015 funds.

Commercial Satellite Communications.—The Committee supports efforts by the Air Force to use pathfinder demonstrations to investigate non-traditional approaches for acquiring commercial satellite communications [SATCOM] capabilities. These efforts help the Air Force gain experience with different business models to enable innovative and affordable procurement of long-term commercial SATCOM and may obviate the need for future procurement of costly, military specific SATCOM satellites. The Committee encourages the Air Force to pursue additional pathfinder demonstrations to achieve savings and take advantage of improved technology and performance offered by commercial SATCOM providers.

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 2015	\$659,909,000
Budget estimate, 2016	1,758,843,000
Committee recommendation	1,797,343,000

The Committee recommends an appropriation of \$1,797,343,000. This is \$38,500,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT OF AMMUNITION, AIR FORCE						
1	ROCKETS		23,788		23,788		
2	CARTRIDGES		131,102		169,602		+ 38,500
	BOMBS						
3	PRACTICE BOMBS		89,759		89,759		
4	GENERAL PURPOSE BOMBS		637,181		637,181		
5	MASSIVE ORDNANCE PENETRATOR (MOP)		39,690		39,690		
5	JOINT DIRECT ATTACK MUNITION	6,341	374,688	6,341	374,688		
	FLARE, IR MU-7B						
7	CAD/PAD		58,266		58,266		
8	EXPLOSIVE ORDNANCE DISPOSAL (EOD)		5,612		5,612		
9	SPARES AND REPAIR PARTS		103		103		
10	MODIFICATIONS		1,102		1,102		
11	ITEMS LESS THAN \$5,000,000		3,044		3,044		
	FUZES						
12	FLARES		120,935		120,935		
13	FUZES		213,476		213,476		
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE		1,698,746	1,737,246	+ 38,500		
	WEAPONS						
14	SMALL ARMS		60,097		60,097		
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE		1,758,843		1,797,343		+ 38,500

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	Cartridges	131,102	169,602	+ 38,500
	Authorization adjustment: Increase to match size of A-10 fleet .....	.....	.....	+ 38,500

OTHER PROCUREMENT, AIR FORCE

Appropriations, 2015	\$16,781,266,000
Budget estimate, 2016	18,272,438,000
Committee recommendation	17,997,359,000

The Committee recommends an appropriation of \$17,997,359,000. This is \$275,079,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT						
	PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE		8,834		8,834		
	CARGO + UTILITY VEHICLES						
2	FAMILY MEDIUM TACTICAL VEHICLE		58,160		58,160		
3	CAP VEHICLES		977		1,677		+ 700
4	ITEMS LESS THAN \$5M (CARGO)		12,483		12,483		
	SPECIAL PURPOSE VEHICLES						
5	SECURITY AND TACTICAL VEHICLES		4,728		4,728		
6	ITEMS LESS THAN \$5M (SPECIAL)		4,662		4,662		
	FIRE FIGHTING EQUIPMENT						
7	FIRE FIGHTING/CRASH RESCUE VEHICLES		10,419		10,419		
	MATERIALS HANDLING EQUIPMENT						
8	ITEMS LESS THAN \$5,000,000		23,320		23,320		
	BASE MAINTENANCE SUPPORT						
9	RUNWAY SNOW REMOVAL & CLEANING EQUIP		6,215		6,215		
10	ITEMS LESS THAN \$5M		87,781		87,781		
	TOTAL, VEHICULAR EQUIPMENT		217,579		218,279		+ 700
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
	COMM SECURITY EQUIPMENT(COMSEC)						
11	COMSEC EQUIPMENT		136,998		139,244		+ 2,246
12	MODIFICATIONS (COMSEC)		677		677		
	INTELLIGENCE PROGRAMS						
13	INTELLIGENCE TRAINING EQUIPMENT		4,041		4,041		
14	INTELLIGENCE COMM EQUIP		22,573		22,573		
15	MISSION PLANNING SYSTEMS		14,456		14,456		

(Dollars in thousands)

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	ORGANIZATION AND BASE						
52	TACTICAL C-E EQUIPMENT		77,538		113,538		+ 36,000
54	RADIO EQUIPMENT		8,400		8,400		
55	CCTV/AUDIOVISUAL EQUIPMENT		6,144		6,144		
56	BASE COMM INFRASTRUCTURE		77,010		67,010		- 10,000
	MODIFICATIONS						
57	COMM ELECT MODS		71,800		80,800		+ 9,000
	TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP		1,810,006		1,329,727		- 480,279
	OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
	PERSONAL SAFETY AND RESCUE EQUIP						
58	NIGHT VISION GOGGLES		2,370		2,370		
59	ITEMS LESS THAN \$5,000,000 (SAFETY)		79,623		69,623		- 10,000
	DEPOT PLANT + MATERIALS HANDLING EQ						
60	MECHANIZED MATERIAL HANDLING		7,249		7,249		
	BASE SUPPORT EQUIPMENT						
61	BASE PROCURED EQUIPMENT		9,095		15,095		+ 6,000
62	ENGINEERING AND EOD EQUIPMENT		17,866		17,866		
64	MOBILITY EQUIPMENT		61,850		61,850		
65	ITEMS LESS THAN \$5M (BASE SUPPORT)		30,477		20,477		- 10,000
	SPECIAL SUPPORT PROJECTS						
67	DARP RC135		25,072		25,072		
68	DISTRIBUTED GROUND SYSTEMS		183,021		159,021		- 24,000
70	SPECIAL UPDATE PROGRAM		629,371		629,371		
71	DEFENSE SPACE RECONNAISSANCE PROGRAM		100,663		100,663		
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP		1,146,657		1,108,657		- 38,000
	SPARE AND REPAIR PARTS						
73	SPARES AND REPAIR PARTS		59,863		59,863		
	CLASSIFIED PROGRAMS		15,038,333		15,280,833		+ 242,500

TOTAL, OTHER PROCUREMENT, AIR FORCE	18,272,438	17,997,359	-275,079
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COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Cap Vehicles	977	1,677	+ 700
	Program increase: Civil Air Patrol—vehicles			+ 700
11	Comsec Equipment	136,998	139,244	+ 2,246
	Transfer COMSEC equipment: Air Force-requested from APAF Line #59 Other Equipment			+ 2,246
16	Air Traffic Control & Landing Sys	31,823	28,823	- 3,000
	Improving Funds Management: Prior year carryover			- 3,000
25	General Information Technology	27,403	25,803	- 1,600
	Restoring acquisition accountability: Schedule slips (TDNE)			- 1,600
27	Mobility Command and Control	11,062	30,962	+ 19,900
	Authorization adjustment: Additional battlefield air operations kits—AF UFR			+ 19,900
28	Air Force Physical Security System	131,269	103,269	- 28,000
	Improving Funds Management: Prior year carryover			- 28,000
32	Integrated Personnel and Pay System	3,976		- 3,976
	Restoring acquisition accountability: Early to need			- 3,976
33	GCSS—AF Fos	25,515	15,015	- 10,500
	Improving Funds Management: Prior year carryover			- 3,000
	Restoring acquisition accountability: Schedule slips			- 7,500
34	Defense Enterprise Accounting and Mgmt System	9,255	4,755	- 4,500
	Restoring acquisition accountability: Early to need			- 4,500
36	Air & Space Operations Ctr-WPN SYS	12,043	10,043	- 2,000
	Restoring acquisition accountability: Schedule slips (10.1)			- 2,000
37	Air Operations Center [AOC] 10.2	24,246	14,246	- 10,000
	Restoring acquisition accountability: Early to need (AOC 10.2)			- 10,000
39	AFNET	103,748	98,748	- 5,000
	Restoring acquisition accountability: Excess growth			- 5,000
43	Family of Beyond Line-of-Sight Terminals	79,592		- 79,592
	Transfer to Space Procurement Air Force, Line 10			- 79,592
44	Space Based Ir Sensor Pgm Space	90,190		- 90,190
	Transfer to Space Procurement Air Force, Line 11			- 90,190
45	Navstar GPS Space	2,029		- 2,029
	Transfer to Space Procurement Air Force, Line 12			- 2,029
46	Nudet Detection Sys Space	5,095		- 5,095
	Transfer to Space Procurement Air Force, Line 13			- 5,095
47	AF Satellite Control Network Space	76,673		- 76,673
	Transfer to Space Procurement Air Force, Line 14			- 76,673
48	Spacelift Range System Space	113,275		- 113,275
	Transfer to Space Procurement Air Force, Line 15			- 113,275
49	Milsatcom Space	35,495		- 35,495
	Transfer to Space Procurement Air Force, Line 16			- 35,495
50	Space Mods Space	23,435		- 23,435
	Transfer to Space Procurement Air Force, Line 17			- 23,435
51	Counterspace System	43,065		- 43,065
	Transfer to Space Procurement Air Force, Line 18			- 43,065
52	Tactical C-E Equipment	77,538	113,538	+ 36,000
	Authorization adjustment: Increase JTAC training and rehearsal simulators—AF UFR			+ 36,000
56	Base Comm Infrastructure	77,010	67,010	- 10,000
	Improving Funds Management: Prior year carryover			- 10,000
57	Comm Elect Mods	71,800	80,800	+ 9,000
	Program increase: Radar reliability enhancements			+ 9,000
59	Items Less Than \$5 Million	79,623	69,623	- 10,000
	Improving Funds Management: Prior year carryover			- 10,000
61	Base Procured Equipment	9,095	15,095	+ 6,000
	Program increase: Joint training center equipment			+ 6,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
65	Items Less Than \$5 Million	30,477	20,477	-10,000
	Improving funds management: Prior year carryover			-10,000
68	DCGS-AF	183,021	159,021	-24,000
	Restoring acquisition accountability: Schedule slips (Geospatial Intelligence)			-6,000
	Restoring acquisition accountability: Schedule slips (Signals Intelligence)			-6,000
	Restoring acquisition accountability: Early to need (Multi-INT service oriented architecture)			-12,000
71A	Classified Programs	15,038,333	15,280,833	+242,500
	Classified program adjustment			+242,500

Energy Efficient Military Billeting.—The Committee continues to support efforts by the Department of Defense to leverage technology and deliver energy efficient returns on investments, such as thermal technologies in battlefield housing. Such technologies will realize cost savings by reducing the military’s battlefield fuel footprint while also making current billeting structures more energy efficient.

PROCUREMENT, DEFENSE-WIDE

Appropriations, 2015	\$4,429,303,000
Budget estimate, 2016	5,130,853,000
Committee recommendation	5,211,532,000

The Committee recommends an appropriation of \$5,211,532,000. This is \$80,679,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT						
	MAJOR EQUIPMENT, DCAA						
1	MAJOR EQUIPMENT ITEMS LESS THAN \$5M		1,488				-1,488
	MAJOR EQUIPMENT, DCMA						
2	MAJOR EQUIPMENT		2,494		2,494		
	MAJOR EQUIPMENT, DHRA						
3	PERSONNEL ADMINISTRATION		9,341		9,341		
	MAJOR EQUIPMENT, DISA						
7	INFORMATION SYSTEMS SECURITY		8,080		8,080		
8	TELEPORT PROGRAM		62,789		62,789		
9	ITEMS LESS THAN \$5M		9,399		9,399		
10	NET CENTRIC ENTERPRISE SERVICES (NCES)		1,819		1,819		
11	DEFENSE INFORMATION SYSTEMS NETWORK		141,298		141,298		
12	CYBER SECURITY INITIATIVE		12,732		12,732		
13	WHITE HOUSE COMMUNICATION AGENCY		64,098		64,098		
14	SENIOR LEADERSHIP ENTERPRISE		617,910		617,910		
15	JOINT INFORMATION ENVIRONMENT		84,400		84,400		
	MAJOR EQUIPMENT, DLA						
16	MAJOR EQUIPMENT		5,644		5,644		
	MAJOR EQUIPMENT, DMACT						
17	A—WEAPON SYSTEM COST	4	11,208	4	11,208		
	MAJOR EQUIPMENT, DODEA						
18	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS		1,298		1,298		
19	EQUIPMENT		1,048		1,048		
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
21	VEHICLES		100		100		
22	OTHER MAJOR EQUIPMENT		5,474		5,474		

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
55	SHIPBUILDING						
	UNDERWATER SYSTEMS		32,521		29,021		-3,500
	AMMUNITION PROGRAMS						
56	SOF ORDNANCE ITEMS UNDER \$5,000,000		174,734		174,734		
57	OTHER PROCUREMENT PROGRAMS						
	SOF INTELLIGENCE SYSTEMS		93,009		93,009		
58	DGGS-SOF		14,964		14,964		
59	OTHER ITEMS UNDER \$5,000,000		79,149		79,149		
60	SOF COMBATANT CRAFT SYSTEMS		33,362		63,362		+30,000
61	SPECIAL PROGRAMS		143,533		117,815		-25,718
62	TACTICAL VEHICLES		73,520		73,520		
63	WARRIOR SYSTEMS UNDER \$5,000,000		186,009		195,809		+9,800
64	COMBAT MISSION REQUIREMENTS		19,693		14,693		-5,000
65	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES		3,967		3,967		
66	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE		19,225		19,225		
68	SOF OPERATIONAL ENHANCEMENTS		213,252		213,252		
	TOTAL, SPECIAL OPERATIONS COMMAND		1,733,795		1,637,782		-96,013
	CHEMICAL/BIOLOGICAL DEFENSE						
74	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS		141,223		160,223		+19,000
75	CB PROTECTION AND HAZARD MITIGATION		137,487		137,487		
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE		278,710		297,710		+19,000
	CLASSIFIED PROGRAMS		617,757		617,757		
	TOTAL, PROCUREMENT, DEFENSE-WIDE		5,130,853		5,211,532		+80,679

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Items Less Than \$5 Million	1,488		- 1,488
	Program termination			- 1,488
24	Aegis BMD	558,916	571,661	+ 12,745
	Transfer All Up Round procurement only: MDA-requested from line 25			+ 120,445
	Restoring acquisition accountability: Transfer Aegis BMD hardware and software procurements and installations to line 24A			- 107,700
24A	Aegis BMD Hardware		145,300	+ 145,300
	Restoring acquisition accountability: Transfer Aegis BMD hardware and software procurements and installations from line 24			+ 107,700
	Program increase: Aegis BMD 3.6 to 4x hardware procurements for DDG 72 and 76 only			+ 37,600
25	Aegis BMD (AP)	147,765		- 147,765
	Transfer All Up Round procurement only: MDA-requested to line 24			- 120,445
	Transfer additional SM-3 Block IB flight tests: MDA-requested to Research and Development, Defense-Wide, line 108			- 27,320
28	Iron Dome	55,000	41,400	- 13,600
	Improving funds management: Excess to requirement			- 13,600
XX	David's Sling		150,000	+ 150,000
	Authorization adjustment: Program increase for David's Sling			+ 150,000
XXX	Arrow 3		15,000	+ 15,000
	Authorization adjustment: Program increase for Arrow 3			+ 15,000
36	Major Equipment, OSD	46,939	44,439	- 2,500
	Maintain program affordability: Eliminate program growth			- 2,500
41	MC-12	63,170		- 63,170
	Transfer MC-12: SOCOM-requested to PDW Line #45 U-28			- 63,170
44	Non-Standard Aviation	61,275	11,000	- 50,275
	Restoring acquisition accountability: Acquisition strategy			- 50,275
45	U-28		54,600	+ 54,600
	Transfer MC-12: SOCOM requested from PDW Line #41 MC-12			+ 63,170
	Budget documentation disparity: Poor justification materials for low cost mods			- 8,570
47	RQ-11 Unmanned Aerial Vehicle	20,087	15,587	- 4,500
	Budget documentation disparity: Poor justification materials for MTUAS Ancillary Equipment			- 4,500
48	CV-22 Modification	18,832	15,582	- 3,250
	Budget documentation disparity: Poor justification materials for block upgrade modifications			- 3,250
50	MQ-9 Unmanned Aerial Vehicle	11,726	19,726	+ 8,000
	Improving funds management: Prior year carryover			- 2,000
	Authorization adjustment: MQ-9 capability enhancements			+ 10,000
54	C-130 Modifications	66,861	23,861	- 43,000
	Transfer MC-130 TFTA: SOCOM-requested to RDDW Line #240 Aviation Systems			- 7,500
	Restoring acquisition accountability: Early to need (TFTA)			- 27,500
	Restoring acquisition accountability: Early to need (EC-130J block A kits)			- 8,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
55	Underwater Systems	32,521	29,021	- 3,500
	Restoring acquisition accountability: Unit cost growth (SWCS)			- 3,500
60	Combatant Craft Systems	33,362	63,362	+ 30,000
	Program increase: High speed assault craft			+ 30,000
61	Special Programs	143,533	117,815	- 25,718
	Classified program adjustment			- 25,718
63	Warrior Systems <\$5M	186,009	195,809	+ 9,800
	Program increase: Visual Augmentation Systems			+ 4,800
	Program increase: Weapons optics			+ 5,000
64	Combat Mission Requirements	19,693	14,693	- 5,000
	Improving funds management: Prior year carryover			- 5,000
74	Chemical Biological Situational Awareness	141,223	160,223	+ 19,000
	Program increase			+ 19,000

Special Operations Command [SOCOM] Non-Standard Aviation.—The fiscal year 2016 President's budget request includes \$61,275,000 for the acquisition of three C-146A aircraft. The Committee is concerned with SOCOM's divestment strategy of C-145A aircraft, purchased as recently as fiscal years 2012 and 2013, and notes that significant investments have been made to upgrade the existing C-145A fleet. The Committee reduces the fiscal year 2016 request by \$50,275,000. In addition, the Committee directs the Commander of SOCOM to report on the divestment and acquisition strategy for the entire non-standard aviation fleet and provide this report to the congressional defense committees not later than 180 days after enactment of this act.

Rebreather Technology.—The Committee is aware of new underwater rebreather technology for Naval Special Warfare units. If proven, this technology could increase safety for combat divers as well as increase diver endurance while reducing maintenance associated with older carbon dioxide canisters. The Committee encourages the Commander of Special Operations Command to test and validate the utility of this new technology.

MISSILE DEFENSE AGENCY

AEGIS Ballistic Missile Defense [BMD] and SM-3 Block IB Interceptor.—The fiscal year 2016 budget request includes \$558,916,000 for the procurement and installation of AEGIS BMD upgrades and SM-3 Block IB interceptors. The Committee recommends the establishment of distinct funding lines for each effort and transfers funds requested for AEGIS BMD upgrades to a separate line. The Committee directs the Director, MDA to follow this budget structure in future budget submissions. Further, based on Combatant Command requirements and continued concerns with the Department's Destroyer modernization strategy, the Committee recommends an additional \$37,600,000 only for ballistic missile defense upgrades of two Flight II DDG 51 destroyers in fiscal year 2016.

DEFENSE PRODUCTION ACT PURCHASES

Appropriations, 2015	\$51,638,000
Budget estimate, 2016	46,680,000
Committee recommendation	76,680,000

The Committee recommends an appropriation of \$76,680,000. This is \$30,000,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
1	DEFENSE PRODUCTION ACT PURCHASES		46,680		76,680		+ 30,000

Additional Funding.—The Committee recognizes the critical role that the Defense Production Act [DPA] title III program serves in strengthening the U.S. defense industrial base and believes that this work is in the national interest. Therefore, the Committee increases funding for DPA by \$30,000,000 over the budget request. The Committee directs that the additional funding be competitively awarded to new initiatives and priority consideration should be given to completion of DPA projects initiated in prior years. Furthermore, the Committee directs the Under Secretary of Defense (Acquisition, Technology, and Logistics) to notify the congressional defense committees 30 days prior to any obligation or expenditure of these funds.

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 2016 budget requests a total of \$69,784,963,000 for research, development, test and evaluation appropriations.

SUMMARY OF COMMITTEE ACTION

The Committee recommends research, development, test and evaluation appropriations totaling \$70,324,687,000 for fiscal year 2016. This is \$539,724,000 above the budget estimate.

Committee recommended research, development, test and evaluation appropriations for fiscal year 2016 are summarized below:

SUMMARY OF RESEARCH, DEVELOPMENT, TEST AND EVALUATION APPROPRIATIONS

[In thousands of dollars]

Account	2016 budget estimate	Committee recommendation	Change from budget estimate
Research, Development, Test and Evaluation:			
Research, Development, Test and Evaluation, Army	6,924,959	7,096,935	+ 171,976
Research, Development, Test and Evaluation, Navy	17,885,916	18,236,645	+ 350,729
Research, Development, Test and Evaluation, Air Force	26,473,669	25,874,116	- 599,553
Research, Development, Test and Evaluation, Defense-Wide	18,329,861	18,926,433	+ 596,572
Operational Test and Evaluation, Defense	170,558	190,558	+ 20,000
Total:	69,784,963	70,324,687	+ 539,724

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense appropriations bill for fiscal year 2008 (House Report 110-279). Specifically, the dollar threshold for reprogramming funds will remain at \$20,000,000 for procurement and \$10,000,000 for research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for service and defense-wide accounts in titles III and IV of this act. Reports for titles III and IV shall comply with guidance specified in the explanatory statement accompanying the Department of Defense Appropria-

tions Act for Fiscal Year 2006. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a procurement (P-1), or a research, development, test and evaluation (R-1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this report.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION OVERVIEW

Basic Research.—The fiscal year 2016 budget request includes \$2,088,929,000 for basic research in Research, Development, Test and Evaluation for the Army, Navy, Air Force and Department of Defense. This amount is \$188,759,000 below the below fiscal year 2015 enacted level. The Committee believes that further investment in basic research must continue. Basic research is the foundation of innovative breakthroughs that are critical to maintaining the Nation's future technological edge. Investments in basic research not only provide advances in technology for our military men and women but also provide an important incubator for national labs and academic research institutions. These investments also encourage partnerships and collaboration with industry. In order to keep pace with the global challenges to come, the Committee believes that additional funding should be allocated to Federal research. Therefore, the Committee recommends \$2,317,429,000 for basic research, an increase of \$228,500,000 over the 2016 budget request and a \$39,741,000 increase over the fiscal year 2015 enacted level.

Alternative Energy Research.—The Committee continues to support the fiscal and operational value of investing in alternative energy research. The recommendation includes an additional \$75,000,000 for Army, Navy and Air Force research and development to continue research of promising alternative energy technologies, such as renewable energies, alternative fuels, and energy efficiencies. The Committee encourages the services to focus on the ability of platforms, installations, and personnel to operate with a diverse mix of fuels.

Solar Research in Dry-Dust Areas.—The Committee supports efforts by the Department of Defense to become more energy efficient. These efforts have demonstrated cost savings and are an important part of the 2010 and 2015 Quadrennial Defense Reviews and the Department of Defense's Operational Energy Strategy. Renewable energy, including solar, is an important part of these efforts. Last year, the Army broke ground on its largest solar energy plant at Fort Huachuca in Arizona. Covering 155 acres, the plant is projected to provide not less than 25 percent of the Fort's electricity. The Committee believes solar initiatives are also important for overseas operations, particularly in the Middle East and Africa, where in country supplies are unreliable and large amounts of en-

ergy often need to be transported to theater. However, dry-dust problems can prevent the optimal use of solar energy in some areas. Therefore, the Committee urges the Department of Defense to continue research into the use of solar energy in dry-dust regions.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Appropriations, 2015	\$6,675,565,000
Budget estimate, 2016	6,924,959,000
Committee recommendation	7,096,935,000

The Committee recommends an appropriation of \$7,096,935,000. This is \$171,976,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY			
	BASIC RESEARCH			
1	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	13,018	13,018	.....
2	DEFENSE RESEARCH SCIENCES	239,118	279,118	+ 40,000
3	UNIVERSITY RESEARCH INITIATIVES	72,603	72,603	.....
4	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	100,340	105,340	+ 5,000
	TOTAL, BASIC RESEARCH	425,079	470,079	+ 45,000
	APPLIED RESEARCH			
5	MATERIALS TECHNOLOGY	28,314	68,314	+ 40,000
6	SENSORS AND ELECTRONIC SURVIVABILITY	38,374	53,374	+ 15,000
7	TRACTOR HIP	6,879	6,879	.....
8	AVIATION TECHNOLOGY	56,884	56,884	.....
9	ELECTRONIC WARFARE TECHNOLOGY	19,243	19,243	.....
10	MISSILE TECHNOLOGY	45,053	55,053	+ 10,000
11	ADVANCED WEAPONS TECHNOLOGY	29,428	41,428	+ 12,000
12	ADVANCED CONCEPTS AND SIMULATION	27,862	27,862	.....
13	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	68,839	105,839	+ 37,000
14	BALLISTICS TECHNOLOGY	92,801	112,801	+ 20,000
15	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY ..	3,866	3,866	.....
16	JOINT SERVICE SMALL ARMS PROGRAM	5,487	5,487	.....
17	WEAPONS AND MUNITIONS TECHNOLOGY	48,340	63,340	+ 15,000
18	ELECTRONICS AND ELECTRONIC DEVICES	55,301	64,301	+ 9,000
19	NIGHT VISION TECHNOLOGY	33,807	35,807	+ 2,000
20	COUNTERMINE SYSTEMS	25,068	38,068	+ 13,000
21	HUMAN FACTORS ENGINEERING TECHNOLOGY	23,681	23,681	.....
22	ENVIRONMENTAL QUALITY TECHNOLOGY	20,850	20,850	.....
23	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	36,160	36,160	.....
24	COMPUTER AND SOFTWARE TECHNOLOGY	12,656	12,656	.....
25	MILITARY ENGINEERING TECHNOLOGY	63,409	77,409	+ 14,000
26	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	24,735	24,735	.....
27	WARFIGHTER TECHNOLOGY	35,795	40,795	+ 5,000
28	MEDICAL TECHNOLOGY	76,853	76,853	.....
	TOTAL, APPLIED RESEARCH	879,685	1,071,685	+ 192,000
	ADVANCED TECHNOLOGY DEVELOPMENT			
29	WARFIGHTER ADVANCED TECHNOLOGY	46,973	56,973	+ 10,000
30	MEDICAL ADVANCED TECHNOLOGY	69,584	77,584	+ 8,000
31	AVIATION ADVANCED TECHNOLOGY	89,736	89,736	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
32	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	57,663	69,663	+ 12,000
33	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY ...	113,071	120,571	+ 7,500
34	SPACE APPLICATION ADVANCED TECHNOLOGY	5,554	5,554	.....
35	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	12,636	12,636	.....
37	TRACTOR HIKE	7,502	7,502	.....
38	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	17,425	17,425	.....
39	TRACTOR ROSE	11,912	11,912	.....
40	COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT	27,520	33,520	+ 6,000
41	TRACTOR NAIL	2,381	2,381	.....
42	TRACTOR EGGS	2,431	2,431	.....
43	ELECTRONIC WARFARE TECHNOLOGY	26,874	34,874	+ 8,000
44	MISSILE AND ROCKET ADVANCED TECHNOLOGY	49,449	99,449	+ 50,000
45	TRACTOR CAGE	10,999	10,999	.....
46	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM ...	177,159	222,159	+ 45,000
47	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY ...	13,993	13,993	.....
48	JOINT SERVICE SMALL ARMS PROGRAM	5,105	5,105	.....
49	NIGHT VISION ADVANCED TECHNOLOGY	40,929	40,929	.....
50	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	10,727	15,727	+ 5,000
51	MILITARY ENGINEERING ADVANCED TECHNOLOGY	20,145	30,145	+ 10,000
52	ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY	38,163	38,163	.....
53	COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	37,816	37,816	.....
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	895,747	1,057,247	+ 161,500
	DEMONSTRATION & VALIDATION			
54	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	10,347	24,347	+ 14,000
55	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE)	25,061	25,061	.....
56	LANDMINE WARFARE AND BARRIER—ADV DEV	49,636	45,757	- 3,879
57	SMOKE, OBSCURANT AND TARGET DEFEATING SYS—ADV DEV	13,426	13,426	.....
58	TANK AND MEDIUM CALIBER AMMUNITION	46,749	46,749	.....
60	SOLDIER SUPPORT AND SURVIVABILITY	6,258	301	- 5,957
61	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—AD	13,472	13,472	.....
62	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	7,292	7,292	.....
63	ENVIRONMENTAL QUALITY TECHNOLOGY	8,813	8,813	.....
65	NATO RESEARCH AND DEVELOPMENT	6,075	6,075	.....
67	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	21,233	21,233	.....
68	MEDICAL SYSTEMS—ADV DEV	31,962	31,962	.....
69	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	22,194	23,194	+ 1,000
71	ANALYSIS OF ALTERNATIVES	9,805	9,805	.....
72	TECHNOLOGY MATURATION INITIATIVES	40,917	35,917	- 5,000
73	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	30,058	30,058	.....
74	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERC	155,361	155,361	.....
	TOTAL, DEMONSTRATION & VALIDATION	498,659	498,823	+ 164
	ENGINEERING & MANUFACTURING DEVELOPMENT			
76	AIRCRAFT AVIONICS	12,939	12,939	.....
78	ELECTRONIC WARFARE DEVELOPMENT	18,843	18,843	.....
79	JOINT TACTICAL RADIO	9,861	4,546	- 5,315
80	MID-TIER NETWORKING VEHICULAR RADIO	8,763	8,763	.....
81	ALL SOURCE ANALYSIS SYSTEM	4,309	4,309	.....
82	TRACTOR CAGE	15,138	15,138	.....
83	INFANTRY SUPPORT WEAPONS	74,128	78,580	+ 4,452
85	JAVELIN	3,945	3,945	.....
87	AIR TRAFFIC CONTROL	10,076	10,076	.....
88	SMALL UNMANNED GROUND VEHICLE	40,374	9,050	- 31,324
89	NIGHT VISION SYSTEMS—SDD	67,582	67,582	.....
90	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	1,763	1,763	.....
91	NON-SYSTEM TRAINING DEVICES—SDD	27,155	21,723	- 5,432
92	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD	24,569	24,569	.....
93	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	23,364	23,364	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
94	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	8,960	8,960	.....
95	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—SDD	9,138	9,138	.....
96	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	21,622	21,622	.....
97	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	99,242	99,242	.....
98	WEAPONS AND MUNITIONS—SDD	21,379	21,379	.....
99	LOGISTICS AND ENGINEER EQUIPMENT—SDD	48,339	46,539	− 1,800
100	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—SDD	2,726	2,726	.....
101	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	45,412	45,412	.....
102	LANDMINE WARFARE/BARRIER—SDD	55,215	55,215	.....
104	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	163,643	131,899	− 31,744
105	RADAR DEVELOPMENT	12,309	12,309	.....
106	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEB)	15,700	21,155	+ 5,455
107	FIREFINDER	6,243	2,967	− 3,276
108	SOLDIER SYSTEMS—WARRIOR DEM/VAL	18,776	18,776	.....
109	ARTILLERY SYSTEMS	1,953	1,953	.....
110	INFORMATION TECHNOLOGY DEVELOPMENT	67,358	60,358	− 7,000
111	ARMY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM (A-IMH)	136,011	99,011	− 37,000
112	ARMORED MULTI-PURPOSE VEHICLE	230,210	219,259	− 10,951
113	JOINT TACTICAL NETWORK CENTER (JTNC)	13,357	13,357	.....
114	JOINT TACTICAL NETWORK (JTN)	18,055	18,055	.....
115	TRACTOR TIRE	5,677	5,677	.....
116	COMMON INFRARED COUNTERMEASURES (CIRCM)	77,570	53,570	− 24,000
117	AIRCRAFT SURVIVABILITY DEVELOPMENT	18,112	18,112	.....
118	WIN-T INCREMENT 3—FULL NETWORKING	39,700	27,331	− 12,369
119	AMF JOINT TACTICAL RADIO SYSTEM	12,987	12,987	.....
120	JOINT AIR-TO-GROUND MISSILE (JAGM)	88,866	74,966	− 13,900
121	PAC-2/MSE MISSILE	2,272	2,272	.....
122	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	214,099	224,099	+ 10,000
123	MANNED GROUND VEHICLE	49,247	49,247	.....
124	AERIAL COMMON SENSOR	2	2	.....
125	NATIONAL CAPABILITIES INTEGRATION	10,599	10,599	.....
126	JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING	32,486	32,486	.....
127	AVIATION GROUND SUPPORT EQUIPMENT	8,880	8,880	.....
128	PALADIN INTEGRATED MANAGEMENT (PIM)	152,288	152,288	.....
129	TROJAN—RH12	5,022	5,022	.....
130	ELECTRONIC WARFARE DEVELOPMENT	12,686	12,686	.....
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	2,068,950	1,904,746	− 164,204
	RDT&E MANAGEMENT SUPPORT			
131	THREAT SIMULATOR DEVELOPMENT	20,035	27,535	+ 7,500
132	TARGET SYSTEMS DEVELOPMENT	16,684	16,684	.....
133	MAJOR T&E INVESTMENT	62,580	67,580	+ 5,000
134	RAND ARROYO CENTER	20,853	20,853	.....
135	ARMY KWAJALEIN ATOLL	205,145	205,145	.....
136	CONCEPTS EXPERIMENTATION PROGRAM	19,430	19,430	.....
138	ARMY TEST RANGES AND FACILITIES	277,646	280,146	+ 2,500
139	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	51,550	51,550	.....
140	SURVIVABILITY/LETHALITY ANALYSIS	33,246	33,246	.....
141	AIRCRAFT CERTIFICATION	4,760	4,760	.....
142	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	8,303	8,303	.....
143	MATERIEL SYSTEMS ANALYSIS	20,403	20,403	.....
144	EXPLOITATION OF FOREIGN ITEMS	10,396	10,396	.....
145	SUPPORT OF OPERATIONAL TESTING	49,337	49,337	.....
146	ARMY EVALUATION CENTER	52,694	52,694	.....
147	SIMULATION & MODELING FOR ACQ, RQTS, & TNG [SMART]	938	938	.....
148	PROGRAMWIDE ACTIVITIES	60,319	60,319	.....
149	TECHNICAL INFORMATION ACTIVITIES	28,478	28,478	.....
150	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	32,604	47,604	+ 15,000
151	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	3,186	3,186	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
152	MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	48,955	48,955	.....
	TOTAL, RDT&E MANAGEMENT SUPPORT	1,027,542	1,057,542	+ 30,000
	OPERATIONAL SYSTEMS DEVELOPMENT			
154	MLRS PRODUCT IMPROVEMENT PROGRAM	18,397	18,397	.....
155	TRACTOR PULL	9,461	9,461	.....
156	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS	4,945	4,945	.....
157	TRACTOR SMOKE	7,569	7,569	.....
158	APACHE BLOCK III	69,862	40,862	- 29,000
159	BLACKHAWK RECAP/MODERNIZATION	66,653	66,653	.....
160	IMPROVED CARGO (CHINOOK) HELICOPTER	37,407	27,707	- 9,700
161	FIXED WING AIRCRAFT	1,151	1,151	.....
162	IMPROVED TURBINE ENGINE PROGRAM	51,164	51,164	.....
163	EMERGING TECHNOLOGIES FROM NIE	2,481	2,481	.....
164	LOGISTICS AUTOMATION	1,673	1,673	.....
166	FAMILY OF BIOMETRICS	13,237	13,237	.....
167	PATRIOT PRODUCT IMPROVEMENT	105,816	28,200	- 77,616
169	AEROSTAT JOINT PROJECT OFFICE	40,565	40,565	.....
171	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM ...	35,719	35,719	.....
172	COMBAT VEHICLE IMPROVEMENT PROGRAMS	257,167	257,167	.....
173	MANEUVER CONTROL SYSTEM	15,445	15,445	.....
175	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	364	364	.....
176	DIGITIZATION	4,361	4,361	.....
177	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	3,154	3,154	.....
178	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	35,951	35,951	.....
179	TRACTOR CARD	34,686	34,686	.....
180	INTEGRATED BASE DEFENSE—OPERATIONAL SYSTEM DEV	10,750	10,750	.....
181	MATERIALS HANDLING EQUIPMENT	402	402	.....
183	LOWER TIER AIR AND MISSILE DEFENSE [AMD] SYSTEM	64,159	64,159	.....
184	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM [GMLRS]	17,527	34,727	+ 17,200
185	JOINT TACTICAL GROUND SYSTEM	20,515	20,515	.....
187	SECURITY AND INTELLIGENCE ACTIVITIES	12,368	.....	- 12,368
188	INFORMATION SYSTEMS SECURITY PROGRAM	31,154	31,154	.....
189	GLOBAL COMBAT SUPPORT SYSTEM	12,274	12,274	.....
190	SATCOM GROUND ENVIRONMENT (SPACE)	9,355	9,355	.....
191	WMMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	7,053	7,053	.....
193	INTEGRATED BROADCAST SERVICE (IBS)	750	750	.....
194	TACTICAL UNMANNED AERIAL VEHICLES	13,225	13,225	.....
195	AIRBORNE RECONNAISSANCE SYSTEMS	22,870	22,870	.....
196	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	25,592	25,592	.....
199	RQ-7 UAV	7,297	12,297	+ 5,000
201	WIN-T INCREMENT 2—INITIAL NETWORKING	3,800	3,800	.....
202	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	48,442	62,442	+ 14,000
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,124,761	1,032,277	- 92,484
9999	CLASSIFIED PROGRAMS	4,536	4,536	.....
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY	6,924,959	7,096,935	+ 171,976

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2015 budget estimate	Committee recommendation	Change from budget estimate
2	Defense Research Sciences	239,118	279,118	+ 40,000
	Authorization adjustment: Basic research program increase .....	.....	.....	+ 40,000

[In thousands of dollars]

Line	Item	2015 budget estimate	Committee recommendation	Change from budget estimate
4	University and Industry Research Centers	100,340	105,340	+ 5,000
	Basic research program increase			+ 5,000
5	Materials Technology	28,314	68,314	+ 40,000
	Program increase			+ 40,000
6	Sensors and Electronic Survivability	38,374	53,374	+ 15,000
	Program increase			+ 15,000
10	Missile Technology	45,053	55,053	+ 10,000
	Program increase			+ 10,000
11	Advanced Weapons Technology	29,428	41,428	+ 12,000
	Program increase: Thermal management technology			+ 12,000
13	Combat Vehicle and Automotive Technology	68,839	105,839	+ 37,000
	Program increase			+ 12,000
	Program increase: Alternative energy research			+ 25,000
14	Ballistics Technology	92,801	112,801	+ 20,000
	Program increase			+ 20,000
17	Weapons and Munitions Technology	48,340	63,340	+ 15,000
	Program increase			+ 15,000
18	Electronics and Electronic Devices	55,301	64,301	+ 9,000
	Program increase			+ 9,000
19	Night Vision Technology	33,807	35,807	+ 2,000
	Program increase			+ 2,000
20	Countermeasure Systems	25,068	38,068	+ 13,000
	Program increase			+ 5,000
	Program increase: Explosives detection technology			+ 8,000
25	Military Engineering Technology	63,409	77,409	+ 14,000
	Program increase			+ 14,000
27	Warfighter Technology	35,795	40,795	+ 5,000
	Program increase			+ 5,000
29	Warfighter Advanced Technology	46,973	56,973	+ 10,000
	Program increase			+ 10,000
30	Medical Advanced Technology	69,584	77,584	+ 8,000
	Program increase: Peer-reviewed military burn research program			+ 8,000
32	Weapons and Munitions Advanced Technology	57,663	69,663	+ 12,000
	Program increase: High energy laser research			+ 12,000
33	Combat Vehicle and Automotive Advanced Technology	113,071	120,571	+ 7,500
	Program increase			+ 7,500
40	Combating Terrorism—Technology Development	27,520	33,520	+ 6,000
	Program increase: Force protection radar development			+ 6,000
43	Electronic Warfare Technology	26,874	34,874	+ 8,000
	Program increase			+ 8,000
44	Missile and Rocket Advanced Technology	49,449	99,449	+ 50,000
	Program increase			+ 50,000
46	High Performance Computing Modernization Program	177,159	222,159	+ 45,000
	Program increase			+ 45,000
50	Environmental Quality Technology Demonstrations	10,727	15,727	+ 5,000
	Program increase			+ 5,000
51	Military Engineering Advanced Technology	20,145	30,145	+ 10,000
	Program increase			+ 5,000
	Program increase: Natural gas research			+ 5,000
54	Army Missile Defense Systems Integration	10,347	24,347	+ 14,000
	Program increase			+ 14,000
56	Landmine Warfare and Barrier—Adv Dev	49,636	45,757	- 3,879
	Improving funds management: Test and evaluation funding ahead of need			- 3,879
60	Soldier Support and Survivability	6,258	301	- 5,957
	Restoring acquisition accountability: Rapid Equipping Force non-base budget program			- 5,957
69	Soldier Systems—Advanced Development	22,194	23,194	+ 1,000
	Program increase			+ 1,000
72	Technology Maturation Initiatives	40,917	35,917	- 5,000
	Improving funds management: Prior year carryover			- 5,000
79	Joint Tactical Radio	9,861	4,546	- 5,315

[In thousands of dollars]

Line	Item	2015 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: Rifleman radio operational test delay			- 5,315
83	Infantry Support Weapons	74,128	78,580	+ 4,452
	Program increase			+ 2,000
	Transfer modular handgun system: Army-requested from WTCV lines 18, 19, 22, 29			+ 1,500
	Transfer CROWS: Army-requested from PAA line 3			+ 952
88	Small Unmanned Ground Vehicle	40,374	9,050	- 31,324
	Restoring acquisition accountability: EMD contract funding ahead of need			- 31,324
91	Non-System Training Devices—Eng Dev	27,155	21,723	- 5,432
	Budget documentation disparity: LVC—IA excess			- 5,432
99	Logistics and Engineer Equipment—Eng Dev	48,339	46,539	- 1,800
	Improving funds management: Prior year carryover			- 4,800
	Program increase			+ 3,000
104	Army Tactical Command & Control Hardware & Software ..	163,643	131,899	- 31,744
	Improving funds management: Tactical enhancement IOT&E funding ahead of need			- 1,000
	Restoring acquisition accountability: TNOM lack of acquisition strategy			- 30,744
106	General Fund Enterprise Business System [GFEBS]	15,700	21,155	+ 5,455
	Transfer GFEBS—SA: Army-requested from OPA line 102			+ 5,455
107	Firefinder	6,243	2,967	- 3,276
	Improving funds management: L88 prior year carryover			- 3,276
110	Information Technology Development	67,358	60,358	- 7,000
	Improving funds management: Prior year execution ..			- 7,000
111	Integrated Personnel and Pay System—Army [IPPS—A]	136,011	99,011	- 37,000
	Restoring acquisition accountability: Inc II release 2.0 contract delay			- 37,000
112	Armored Multi-Purpose Vehicle [AMPV]	230,210	219,259	- 10,951
	Restoring acquisition accountability: Program management growth			- 4,000
	Improving funds management: Test funding ahead of need			- 6,951
116	Common Infrared Countermeasures [CIRCM]	77,570	53,570	- 24,000
	Improving funds management: Prior year carryover due to contract delay			- 24,000
118	WIN-T Increment 3—Full Networking	39,700	27,331	- 12,369
	Improving funds management: Prior year carryover due to contract delay			- 12,369
120	Joint Air-to-Ground Missile [JAGM]	88,866	74,966	- 13,900
	Restoring acquisition accountability: Excess T&E funding due to EMD contract delay			- 13,900
122	Army Integrated Air and Missile Defense [AIAMD]	214,099	224,099	+ 10,000
	Program increase: Cybersecurity research			+ 10,000
131	Threat Simulator Development	20,035	27,535	+ 7,500
	Program increase			+ 7,500
133	Major T&E Investment	62,580	67,580	+ 5,000
	Program increase: Cyber vulnerabilities research			+ 5,000
138	Army Test Ranges and Facilities	277,646	280,146	+ 2,500
	Program increase			+ 2,500
150	Munitions Standardization, Effectiveness and Safety	32,604	47,604	+ 15,000
	Program increase			+ 15,000
158	Apache Product Improvement Program	69,862	40,862	- 29,000
	Improving funds management: Product development and support costs prior year carryover			- 29,000
160	Chinook Product Improvement Program	37,407	27,707	- 9,700
	Improving funds management: Prior year carryover ..			- 9,700
167	Patriot Product Improvement	105,816	28,200	- 77,616
	Restoring acquisition accountability: Only for near-term urgent improvements			- 77,616
184	Guided Multiple-Launch Rocket System [GMLRS]	17,527	34,727	+ 17,200

[In thousands of dollars]

Line	Item	2015 budget estimate	Committee recommendation	Change from budget estimate
	Program increase: Insensitive munition rocket motor research			+ 17,200
187	Security and Intelligence Activities	12,368		- 12,368
	Improving funds management: Prior year carryover ...			- 12,368
199	RQ-7 UAV	7,297	12,297	+ 5,000
	Program increase			+ 5,000
202	End Item Industrial Preparedness Activities	48,442	62,442	+ 14,000
	Program increase: Army manufacturing technology program			+ 14,000

Improved Turbine Engine Program [ITEP].—The fiscal year 2016 budget request includes \$51,164,000 for the Improved Turbine Engine Program [ITEP]. The Committee notes that contrary to previous budgets, the Army now plans to retain no less than two engine developers through milestone B to ensure competition in the program. The Committee believes that providing adequate and stable funding for ITEP sufficient to carry at least two engine developers is important to reduce risk, achieve appropriate technology maturity, and set the conditions for ultimate program success.

Patriot Modernization.—In February 2015, the Army initiated an analysis of alternatives [AoA] to determine the most cost effective strategy to upgrade or replace the current Patriot radar within the integrated air and missile defense architecture. The results of this AoA will directly affect the cost assessment of the Army's overall Patriot modernization strategy. The Committee finds it prudent to await the results of this AoA, which will be completed in September 2015, before continuing to invest significant funding to improve the current radar system.

Therefore, the Committee recommends deferring radar upgrades that could become obsolete in the near-term, and recommends funding only for urgent near-term improvements in fiscal year 2016, a reduction of \$77,616,000 to the budget request.

Material Development, Characterization, and Computational Modeling.—The Committee recognizes the importance of evaluating materials and technologies, as well as designing and developing methodologies and models to enable enhanced lethality and survivability. Methods such as computational research allow for the development of models that predict the mechanical properties of materials that are used in research and development at the U.S. Army Research Laboratory [ARL]. These models and simulations, which are based on quantum mechanics, statistical mechanics principles and thermodynamic simulations, and are tested via cold spray synthesis and mechanical testing, provide a cost savings to the Department of Defense by simulating materials prior to testing them to ensure mechanical properties will work together. Additionally, these methodologies allow for the enhanced development of technologies such as lightweight armors, protective structures, kinetic energy active protection, ballistic shock and mine blast protection, helmet technologies to prevent traumatic brain injury and numerous other uses. The Committee encourages ARL to continue the utilization of computational modeling and simulations research to achieve greater cost savings.

Strategic Materials Research.—The Committee continues to recognize the importance of the Army Research Laboratory [ARL] in expanding research, education and technology development efforts in materials and metals processing science and engineering, aiming to transform the affordability, performance and environmental sustainability of strategic materials. The Committee further notes that ARL's Open Campus concept benefits the Army, the academic community and industry through collaboration involving ARL's research staff and facilities, leading to continued technological superiority for the U.S. warfighter. The Committee encourages the Army to consider accelerating expansion of its recently initiated Open Campus approach to its Materials and Manufacturing Science laboratories to benefit strategic materials research.

Optimization of Ammunition Manufacturing.—The Committee understands that the Army is the single manager for conventional ammunition for the Department of Defense and is responsible for ensuring effective life cycle management of conventional ammunition products. This includes development and optimization of ammunition manufacturing processes as well as development and integration of new materials. The Committee believes that the manufacturing of conventional ammunition could be assisted by automating and optimizing propellant production processes and integrating new materials. These processes and materials may reduce cost, increase ammunition performance and enhance soldier safety. The Committee encourages the Secretary of the Army to equip the national technical industrial base with new and emerging manufacturing processes and materials in order to achieve these goals.

Small Airborne Networking Radio.—The Committee is encouraged to see funding in the fiscal year 2016 budget to begin activities in support of the Small Airborne Networking Radio [SANR], which will provide simultaneous voice, data and video communications to all Army tactical aircraft. Given the long lead time to integrate radios into airborne platforms, the Committee is concerned by the timeline to deliver both SANR and the Small Airborne Link 16 Terminal [SALT] capabilities. A delay in procurement of next generation radios will require the Army's airborne platforms to rely on legacy radios that provide primarily voice connectivity. The Committee encourages the Army to continue development and procurement of SANR and SALT in order to fully leverage ground and airborne networks for increased situational awareness and connectivity.

Simulation Training.—The Committee acknowledges that simulation training is a cost-effective means by which military units can improve tactical decision-making skills and readiness in realistic scenarios otherwise found only in theater combat operations. The Committee encourages the Department to continue expansion of simulation training and seek the appropriate combination of government owned and operated simulators as well as contractor support in order to maximize efficiency and effectiveness.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Appropriations, 2015	\$15,958,460,000
Budget estimate, 2016	17,885,916,000
Committee recommendation	18,236,645,000

The Committee recommends an appropriation of \$18,236,645,000. This is \$350,729,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY			
	BASIC RESEARCH			
1	UNIVERSITY RESEARCH INITIATIVES	116,196	146,196	+ 30,000
2	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	19,126	19,126	.....
3	DEFENSE RESEARCH SCIENCES	451,606	506,606	+ 55,000
	TOTAL, BASIC RESEARCH	586,928	671,928	+ 85,000
	APPLIED RESEARCH			
4	POWER PROJECTION APPLIED RESEARCH	68,723	86,723	+ 18,000
5	FORCE PROTECTION APPLIED RESEARCH	154,963	184,963	+ 30,000
6	MARINE CORPS LANDING FORCE TECHNOLOGY	49,001	57,001	+ 8,000
7	COMMON PICTURE APPLIED RESEARCH	42,551	42,551	.....
8	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	45,056	45,056	.....
9	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	115,051	115,051	.....
10	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	42,252	42,252	.....
11	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,119	6,119	.....
12	UNDERSEA WARFARE APPLIED RESEARCH	123,750	152,350	+ 28,600
13	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV	179,686	179,686	.....
14	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	37,418	37,418	.....
	TOTAL, APPLIED RESEARCH	864,570	949,170	+ 84,600
	ADVANCED TECHNOLOGY DEVELOPMENT			
15	POWER PROJECTION ADVANCED TECHNOLOGY	37,093	37,093	.....
16	FORCE PROTECTION ADVANCED TECHNOLOGY	38,044	38,044	.....
17	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	34,899	34,899	.....
18	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION [ATD]	137,562	137,562	.....
19	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	12,745	12,745	.....
20	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV	258,860	258,860	.....
21	MANUFACTURING TECHNOLOGY PROGRAM	57,074	57,074	.....
22	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,807	4,807	.....
23	UNDERSEA WARFARE ADVANCED TECHNOLOGY	13,748	13,748	.....
24	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	66,041	66,041	.....
25	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY ..	1,991	4,491	+ 2,500
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	662,864	665,364	+ 2,500
	DEMONSTRATION & VALIDATION			
26	AIR/OCEAN TACTICAL APPLICATIONS	41,832	41,832	.....
27	AVIATION SURVIVABILITY	5,404	5,404	.....
28	DEPLOYABLE JOINT COMMAND AND CONTROL	3,086	3,086	.....
29	AIRCRAFT SYSTEMS	11,643	11,643	.....
30	ASW SYSTEMS DEVELOPMENT	5,555	5,555	.....
31	TACTICAL AIRBORNE RECONNAISSANCE	3,087	3,087	.....
32	ADVANCED COMBAT SYSTEMS TECHNOLOGY	1,636	1,636	.....
33	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	118,588	96,388	- 22,200
34	SURFACE SHIP TORPEDO DEFENSE	77,385	77,385	.....
35	CARRIER SYSTEMS DEVELOPMENT	8,348	8,348	.....
36	PILOT FISH	123,246	123,246	.....
37	RETRACT LARCH	28,819	28,819	.....
38	RETRACT JUNIPER	112,678	112,678	.....
39	RADIOLOGICAL CONTROL	710	710	.....
40	SURFACE ASW	1,096	1,096	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
41	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	87,160	83,360	— 3,800
42	SUBMARINE TACTICAL WARFARE SYSTEMS	10,371	10,371	.....
43	SHIP CONCEPT ADVANCED DESIGN	11,888	11,888	.....
44	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	4,332	4,332	.....
45	ADVANCED NUCLEAR POWER SYSTEMS	482,040	482,040	.....
46	ADVANCED SURFACE MACHINERY SYSTEMS	25,904	25,904	.....
47	CHALK EAGLE	511,802	511,802	.....
48	LITTORAL COMBAT SHIP [LCS]	118,416	88,416	— 30,000
48A	FRIGATE DEVELOPMENT .....	.....	30,000	+ 30,000
49	COMBAT SYSTEM INTEGRATION	35,901	35,901	.....
50	OHIO REPLACEMENT PROGRAM	971,393	971,393	.....
51	LITTORAL COMBAT SHIP [LCS] MISSION PACKAGES	206,149	193,179	— 12,970
52	AUTOMATIC TEST AND RE-TEST	8,000	8,000	.....
53	CONVENTIONAL MUNITIONS	7,678	7,678	.....
54	MARINE CORPS ASSAULT VEHICLES	219,082	219,082	.....
55	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	623	623	.....
56	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	18,260	18,260	.....
57	COOPERATIVE ENGAGEMENT	76,247	76,247	.....
58	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	4,520	4,520	.....
59	ENVIRONMENTAL PROTECTION	20,711	20,711	.....
60	NAVY ENERGY PROGRAM	47,761	62,761	+ 15,000
61	FACILITIES IMPROVEMENT	5,226	5,226	.....
62	CHALK CORAL	182,771	174,771	— 8,000
63	NAVY LOGISTIC PRODUCTIVITY	3,866	3,866	.....
64	RETRACT MAPLE	360,065	330,065	— 30,000
65	LINK PLUMERIA	237,416	237,416	.....
66	RETRACT ELM	37,944	37,944	.....
67	LINK EVERGREEN	47,312	47,312	.....
68	SPECIAL PROCESSES	17,408	17,408	.....
69	NATO RESEARCH AND DEVELOPMENT	9,359	9,359	.....
70	LAND ATTACK TECHNOLOGY	887	887	.....
70	JOINT NONLETHAL WEAPONS TESTING	29,448	29,448	.....
71	JOINT PRECISION APPROACH AND LANDING SYSTEMS	91,479	91,479	.....
73	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	67,360	40,222	— 27,138
74	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER	48,105	127,205	+ 79,100
75	REMOTE MINEHUNTING SYSTEM (RMS)	20,089	20,089	.....
76	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES	18,969	18,969	.....
77	ASE SELF-PROTECTION OPTIMIZATION	7,874	7,874	.....
78	MH-XX	5,298	5,298	.....
79	LX (R)	46,486	75,486	+ 29,000
80	JOINT COUNTER RADIO CONTROLLED IED ELECTRONIC WARFARE	3,817	3,817	.....
81	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	9,595	9,595	.....
82	SPACE & ELECTRONIC WARFARE [SEW] ARCHITECTURE/ENGINE	29,581	25,246	— 4,335
83	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	285,849	285,849	.....
84	JOINT LIGHT TACTICAL VEHICLE ENGINEERING/MANUFACTURING	36,656	36,656	.....
85	ASW SYSTEMS DEVELOPMENT—MIP	9,835	9,835	.....
86	ELECTRONIC WARFARE DEVELOPMENT—MIP	580	580	.....
	TOTAL, DEMONSTRATION & VALIDATION	5,024,626	5,039,283	+ 14,657
	ENGINEERING & MANUFACTURING DEVELOPMENT			
87	TRAINING SYSTEM AIRCRAFT	21,708	21,708	.....
88	OTHER HELO DEVELOPMENT	11,101	11,101	.....
89	AV-8B AIRCRAFT—ENG DEV	39,878	32,668	— 7,210
90	STANDARDS DEVELOPMENT	53,059	53,059	.....
91	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	21,358	21,358	.....
92	AIR/OCEAN EQUIPMENT ENGINEERING	4,515	4,515	.....
93	P-3 MODERNIZATION PROGRAM	1,514	1,514	.....
94	WARFARE SUPPORT SYSTEM	5,875	5,875	.....
95	TACTICAL COMMAND SYSTEM	81,553	73,553	— 8,000
96	ADVANCED HAWKEYE	272,149	225,149	— 47,000

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
97	H-1 UPGRADES	27,235	27,235	.....
98	ACOUSTIC SEARCH SENSORS	35,763	35,763	.....
99	V-22A	87,918	87,918	.....
100	AIR CREW SYSTEMS DEVELOPMENT	12,679	12,679	.....
101	EA-18	56,921	56,921	.....
102	ELECTRONIC WARFARE DEVELOPMENT	23,685	23,685	.....
103	VH-71A EXECUTIVE HELO DEVELOPMENT	507,093	507,093	.....
104	NEXT GENERATION JAMMER (NGJ)	411,767	398,767	- 13,000
104A	NEXT GENERATION JAMMER (NGJ) INCREMENT II .....	.....	13,000	+ 13,000
105	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS—NAVY)	25,071	25,071	.....
106	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	443,433	398,933	- 44,500
107	LPD-17 CLASS SYSTEMS INTEGRATION	747	747	.....
108	SMALL DIAMETER BOMB (SDB)	97,002	69,502	- 27,500
109	STANDARD MISSILE IMPROVEMENTS	129,649	129,649	.....
110	AIRBORNE MCM	11,647	11,647	.....
111	MARINE AIR GROUND TASK FORCE ELECTRONIC WARFARE	2,778	2,778	.....
112	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENG	23,695	23,695	.....
113	UNMANNED CARRIER LAUNCHED AIRBORNE SURVEILLANCE AND STRIKE (UCLASS) SYSTEM	134,708	484,708	+ 350,000
114	ADVANCED ABOVE WATER SENSORS	43,914	43,914	.....
115	SSN-688 AND TRIDENT MODERNIZATION	109,908	109,908	.....
116	AIR CONTROL	57,928	57,928	.....
117	SHIPBOARD AVIATION SYSTEMS	120,217	120,217	.....
118	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	241,754	241,754	.....
119	NEW DESIGN SSN	122,556	147,556	+ 25,000
120	SUBMARINE TACTICAL WARFARE SYSTEM	48,213	60,213	+ 12,000
121	SHIP CONTRACT DESIGN/LIVE FIRE T&E	49,712	45,752	- 3,960
122	NAVY TACTICAL COMPUTER RESOURCES	4,096	4,096	.....
123	VIRGINIA PAYLOAD MODULE (VPM)	167,719	167,719	.....
124	MINE DEVELOPMENT	15,122	15,122	.....
125	LIGHTWEIGHT TORPEDO DEVELOPMENT	33,738	27,338	- 6,400
126	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,123	8,123	.....
127	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	7,686	7,686	.....
128	JOINT STANDOFF WEAPON SYSTEMS	405	405	.....
129	SHIP SELF DEFENSE (DETECT & CONTROL)	153,836	145,336	- 8,500
130	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	99,619	99,619	.....
131	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	116,798	116,798	.....
132	INTELLIGENCE ENGINEERING	4,353	4,353	.....
133	MEDICAL DEVELOPMENT	9,443	9,443	.....
134	NAVIGATION/ID SYSTEM	32,469	32,469	.....
135	JOINT STRIKE FIGHTER (JSF)—EMD	537,901	537,901	.....
136	JOINT STRIKE FIGHTER (JSF)	504,736	504,736	.....
137	JSF FOLLOW ON DEVELOPMENT—MARINE CORPS	59,265	20,798	- 38,467
138	JSF FOLLOW ON DEVELOPMENT—NAVY	47,579	21,244	- 26,335
139	INFORMATION TECHNOLOGY DEVELOPMENT	5,914	5,914	.....
140	INFORMATION TECHNOLOGY DEVELOPMENT	89,711	94,711	+ 5,000
141	CH-53K	632,092	632,092	.....
142	SHIP TO SHORE CONNECTOR (SSC)	7,778	7,778	.....
143	JOINT AIR-TO-GROUND MISSILE (JAGM)	25,898	25,898	.....
144	MULTI-MISSION MARITIME AIRCRAFT (MMA)	247,929	143,813	- 104,116
144A	MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3 .....	.....	104,116	+ 104,116
145	DDG-1000	103,199	103,199	.....
146	TACTICAL COMMAND SYSTEM—MIP	998	998	.....
147	TACTICAL CRYPTOLOGIC SYSTEMS	17,785	17,785	.....
148	SPECIAL APPLICATIONS PROGRAM	35,905	35,905	.....
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	6,308,800	6,482,928	+ 174,128
	RDT&E MANAGEMENT SUPPORT			
149	THREAT SIMULATOR DEVELOPMENT	30,769	30,769	.....
150	TARGET SYSTEMS DEVELOPMENT	112,606	77,552	- 35,054
151	MAJOR T&E INVESTMENT	61,234	61,234	.....
152	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	6,995	6,995	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
153	STUDIES AND ANALYSIS SUPPORT—NAVY	4,011	4,011	.....
154	CENTER FOR NAVAL ANALYSES	48,563	48,563	.....
155	NEXT GENERATION FIGHTER	5,000	5,000	.....
157	TECHNICAL INFORMATION SERVICES	925	925	.....
158	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	78,143	78,143	.....
159	STRATEGIC TECHNICAL SUPPORT	3,258	3,258	.....
160	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	76,948	76,948	.....
161	RDT&E SHIP AND AIRCRAFT SUPPORT	132,122	132,122	.....
162	TEST AND EVALUATION SUPPORT	351,912	351,912	.....
163	OPERATIONAL TEST AND EVALUATION CAPABILITY	17,985	17,985	.....
164	NAVY SPACE AND ELECTRONIC WARFARE [SEW] SUPPORT	5,316	5,316	.....
165	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	6,519	6,519	.....
166	MARINE CORPS PROGRAM WIDE SUPPORT	13,649	13,649	.....
	TOTAL, RDT&E MANAGEMENT SUPPORT	955,955	920,901	− 35,054
	OPERATIONAL SYSTEMS DEVELOPMENT			
174	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	107,039	107,039	.....
175	SSBN SECURITY TECHNOLOGY PROGRAM	46,506	46,506	.....
176	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	3,900	4,700	+ 800
177	NAVY STRATEGIC COMMUNICATIONS	16,569	16,569	.....
178	RAPID TECHNOLOGY TRANSITION (RTT)	18,632	11,132	− 7,500
179	F/A-18 SQUADRONS	133,265	134,765	+ 1,500
179	FLEET TELECOMMUNICATIONS (TACTICAL)	62,867	51,067	− 11,800
180	SURFACE SUPPORT	36,045	36,045	.....
181	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER [TMPC]	25,228	25,228	.....
182	INTEGRATED SURVEILLANCE SYSTEM	54,218	54,218	.....
183	AMPHIBIOUS TACTICAL SUPPORT UNITS	11,335	11,335	.....
184	GROUND/AIR TASK ORIENTED RADAR	80,129	65,629	− 14,500
185	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	39,087	34,329	− 4,758
186	CRYPTOLOGIC DIRECT SUPPORT	1,915	1,915	.....
187	ELECTRONIC WARFARE [EW] READINESS SUPPORT	46,609	46,609	.....
188	HARM IMPROVEMENT	52,708	16,164	− 36,544
189	TACTICAL DATA LINKS	149,997	142,497	− 7,500
190	SURFACE ASW COMBAT SYSTEM INTEGRATION	24,460	24,460	.....
191	MK-48 ADCAP	42,206	47,706	+ 5,500
192	AVIATION IMPROVEMENTS	117,759	117,759	.....
194	OPERATIONAL NUCLEAR POWER SYSTEMS	101,323	101,323	.....
195	MARINE CORPS COMMUNICATIONS SYSTEMS	67,763	82,763	+ 15,000
196	COMMON AVIATION COMMAND AND CONTROL SYSTEM	13,431	13,431	.....
197	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	56,769	56,769	.....
199	MARINE CORPS COMBAT SERVICES SUPPORT	20,729	20,729	.....
200	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS [MIP]	13,152	13,152	.....
201	AMPHIBIOUS ASSAULT VEHICLE	48,535	48,535	.....
202	TACTICAL AIM MISSILES	76,016	36,016	− 40,000
203	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	32,172	32,172	.....
208	SATELLITE COMMUNICATIONS (SPACE)	53,239	47,439	− 5,800
209	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES	21,677	21,677	.....
210	INFORMATION SYSTEMS SECURITY PROGRAM	28,102	28,102	.....
211	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	294	294	.....
213	NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE [METOC]	599	599	.....
214	JOINT MILITARY INTELLIGENCE PROGRAMS	6,207	6,207	.....
215	TACTICAL UNMANNED AERIAL VEHICLES	8,550	8,550	.....
216	UAS INTEGRATION AND INTEROPERABILITY	41,831	41,831	.....
217	DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS ..	1,105	1,105	.....
218	DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS ..	33,149	23,149	− 10,000
219	RQ-4 UAV	227,188	227,188	.....
227	RQ-4 MODERNIZATION	150,854	150,854	.....
220	MQ-8 UAV	52,770	52,770	.....
221	RQ-11 UAV	635	635	.....
222	RQ-7 UAV	688	688	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
223	SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	4,647	4,647	.....
224	RQ-21A	6,435	6,435	.....
225	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	49,145	39,645	- 9,500
226	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS [MIP]	9,246	9,246	.....
227	MODELING AND SIMULATION SUPPORT	4,757	4,757	.....
228	DEPOT MAINTENANCE (NON-IF)	24,185	24,185	.....
231	MARITIME TECHNOLOGY (MARITECH)	4,321	4,321	.....
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	2,229,988	2,104,886	- 125,102
9999	CLASSIFIED PROGRAMS	1,252,185	1,402,185	+ 150,000
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	17,885,916	18,236,645	+ 350,729

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	University Research Initiatives	116,196	146,196	+ 30,000
	Basic research program increase .....	.....	.....	+ 30,000
3	Defense Research Sciences	451,606	506,606	+ 55,000
	Authorization adjustment: Basic research program increase .....	.....	.....	+ 55,000
4	Power Projection Applied Research	68,723	86,723	+ 18,000
	Program increase .....	.....	.....	+ 18,000
5	Force Protection Applied Research	154,963	184,963	+ 30,000
	Program increase .....	.....	.....	+ 5,000
	Program increase: Alternative energy research .....	.....	.....	+ 25,000
6	Marine Corps Landing Force Technology	49,001	57,001	+ 8,000
	Program increase: Cyber research .....	.....	.....	+ 8,000
12	Undersea Warfare Applied Research	123,750	152,350	+ 28,600
	Authorization adjustment: Accelerate undersea warfare research .....	.....	.....	+ 18,600
	Program increase: Underwater energetics research .....	.....	.....	+ 10,000
25	Mine and Expeditionary Warfare Advanced Technology	1,991	4,491	+ 2,500
	Program increase .....	.....	.....	+ 2,500
33	Surface and Shallow Water Mine Countermeasures	118,588	96,388	- 22,200
	Restoring acquisition accountability: MHU change to acquisition strategy .....	.....	.....	- 9,300
	Maintain program affordability: LDUUV product development .....	.....	.....	- 12,900
41	Advanced Submarine System Development	87,160	83,360	- 3,800
	Maintain program affordability: Universal Launch and Recovery Module .....	.....	.....	- 3,800
48	Littoral Combat Ship [LCS]	118,416	88,416	- 30,000
	Restoring acquisition accountability: Frigate development—transfer to line 48A .....	.....	.....	- 30,000
48A	Frigate Development .....	.....	30,000	+ 30,000
	Restoring acquisition accountability: Frigate development—transfer from line 48 .....	.....	.....	+ 30,000
51	LCS Mission Modules	206,149	193,179	- 12,970
	Restoring acquisition accountability: Remove Anti-submarine warfare [ASW] operational assessment of non-requirements-compliant developmental asset .....	.....	.....	- 12,970
60	Navy Energy Program	47,761	62,761	+ 15,000
	Program increase .....	.....	.....	+ 15,000
62	CHALK CORAL	182,771	174,771	- 8,000
	Classified program adjustment .....	.....	.....	- 8,000
64	RETRACT MAPLE	360,065	330,065	- 30,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Classified program adjustment			- 30,000
73	Directed Energy and Electric Weapon Systems	67,360	40,222	- 27,138
	Restoring acquisition accountability: Long lead materials for non-competitive test event in fiscal year 2019			- 27,138
74	Gerald R. Ford Class Nuclear Aircraft Carrier (CVN 78-80)	48,105	127,205	+ 79,100
	Authorization adjustment: Full ship shock trials for CVN-78			+ 79,100
79	LX (R)	46,486	75,486	+ 29,000
	Adjustment adjustment: Accelerate LX (R)			+ 29,000
82	Space and Electronic Warfare [SEW] Architecture/Engineering Support	29,581	25,246	- 4,335
	Restoring acquisition accountability: Project 2140 program adjustment			- 4,335
89	AV-8B Aircraft—Eng Dev	39,878	32,668	- 7,210
	Maintain program affordability: Final Fit AIM-120C new start lack of full funding			- 7,210
95	Tactical Command System	81,553	73,553	- 8,000
	Restoring acquisition accountability: Project 2213 Joint Mission Planning System software development contract award delay			- 8,000
96	Advanced Hawkeye	272,149	225,149	- 47,000
	Maintain program affordability: Defer Delta System/Software Configuration 4 new starts due to aerial refueling cost and effort			- 26,100
	Restoring acquisition accountability: Defer Delta System/Software Configuration 5 non-Counter Electronic Attack growth			- 30,900
	Program increase: Radar development			+ 10,000
104	Next Generation Jammer (NGJ)	411,767	398,767	- 13,000
	Next Generation Jammer Increment II: Transfer to line 104A			- 13,000
104A	Next Generation Jammer (NGJ) Inc II		13,000	+ 13,000
	Next Generation Jammer Increment II: Transfer from line 104			+ 13,000
106	Surface Combatant Combat System Engineering	443,433	398,933	- 44,500
	Restoring acquisition accountability: ACB 16 post-Preliminary Design Review requirements growth			- 28,000
	Restoring acquisition accountability: AEGIS Combat System Engineering Development Site unjustified growth			- 10,000
	Maintain program affordability: Far-Term Interoperability Improvement Plan lack of justification			- 6,500
108	Small Diameter Bomb [SDB]	97,002	69,502	- 27,500
	Restoring acquisition accountability: Joint Miniature Munitions Bomb Rack Unit contract award delay			- 3,500
	Maintain program affordability: Retain previous SDB Increment II integration schedule to reduce risk of H14+ integration schedule			- 24,000
113	Unmanned Carrier Launched Airborne Surveillance and Strike [UCLASS] System	134,708	484,708	+ 350,000
	Program increase: Competitive air vehicle risk reduction activities			+ 300,000
	Program increase: Government and industry source selection preparation			+ 50,000
119	New Design SSN	122,556	147,556	+ 25,000
	Program increase: Virginia Class Submarine hydrodynamic enhancements			+ 25,000
120	Submarine Tactical Warfare System	48,213	60,213	+ 12,000
	Authorization adjustment: Accelerate submarine combat and weapon system modernization			+ 12,000
121	Ship Contract Design/ Live Fire T&E	49,712	45,752	- 3,960
	Improving funds management: Project 3108 dual band radar replacement integration early to need			- 6,960

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Restoring acquisition accountability: Non-recurring engineering for Special Operations Forces capabilities for integration into Mobile Landing Platform—Afloat Forward Staging Base			+ 3,000
125	Lightweight Torpedo Development	33,738	27,338	- 6,400
	Restoring acquisition accountability: HAAWC restructured program delays			- 6,400
129	Ship Self Defense (Detect & Control)	153,836	145,336	- 8,500
	Restoring acquisition accountability: Fire Control Loop Improvement Project Phase 2 unjustified program scope expansion			- 8,500
137	Joint Strike Fighter Follow On Development—Marine Corps	59,265	20,798	- 38,467
	Restoring acquisition accountability: FOD excessive growth			- 38,467
138	Joint Strike Fighter Follow On Development—Navy	47,579	21,244	- 26,335
	Restoring acquisition accountability: FOD excessive growth			- 26,335
140	Information Technology Development	89,711	94,711	+ 5,000
	Program increase			+ 5,000
144	Multi-mission Maritime Aircraft (MMA)	247,929	143,813	- 104,116
	Increment 3: Transfer to line 144A			- 104,116
144A	Multi-mission Maritime Aircraft (MMA) Increment 3		104,116	+ 104,116
	Increment 3: Transfer from line 144			+ 104,116
150	Target Systems Development	112,606	77,552	- 35,054
	Program termination: Parrotfish			- 4,054
	Restoring acquisition accountability: GQM-173A acquisition strategy			- 31,000
176	Submarine Acoustic Warfare Development	3,900	4,700	+ 800
	Authorization adjustment: Accelerate combat rapid attack weapon			+ 800
178	Rapid Technology Transition (RTT)	18,632	11,132	- 7,500
	Maintain program affordability: Unjustified growth			- 7,500
179	F/A-18 Squadrons	133,265	134,765	+ 1,500
	Program increase: Noise reduction research			+ 1,500
181	Fleet Telecommunications (Tactical)	62,867	51,067	- 11,800
	Budget documentation disparity: JALN-M demonstration lack of justification			- 11,800
186	Ground/Air Task Oriented Radar [G/ATOR]	80,129	65,629	- 14,500
	Maintain program affordability: Block II test assets early to need			- 14,500
187	Consolidated Training Systems Development	39,087	34,329	- 4,758
	Improving funds management: Tactical Combat Training Systems [TCTS] funds carryover			- 4,758
190	HARM Improvement	52,708	16,164	- 36,544
	Restoring acquisition accountability: AARGM-ER acquisition strategy			- 36,544
191	Tactical Data Links	149,997	142,497	- 7,500
	Improving funds management: Network Tactical Common Data Link contract award delays			- 7,500
193	MK-48 ADCAP	42,206	47,706	+ 5,500
	Authorization adjustment: Accelerate torpedo upgrades ..			+ 5,500
196	Marine Corps Communications Systems	67,763	82,763	+ 15,000
	Program increase: Radar enhancements			+ 15,000
202	Tactical AIM Missiles	76,016	36,016	- 40,000
	Restoring acquisition accountability: Block II scope expansion			- 40,000
208	Satellite Communications (SPACE)	53,239	47,439	- 5,800
	Budget documentation disparity: JALN-M demonstration lack of justification			- 5,800
218	Distributed Common Ground/Surface Systems	33,149	23,149	- 10,000
	Restoring acquisition accountability: Defer DCGS-N Increment II growth pending completion of acquisition/resourcing strategy			- 10,000
225	Multi-Intelligence Sensor Development	49,145	39,645	- 9,500

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
999	Restoring acquisition accountability: P-8 Quick Reaction Capability scope expansion			- 9,500
	Classified Programs	1,252,185	1,402,185	+ 150,000
	Classified program adjustment			+ 150,000

Navy Budget Justification Materials.—The Committee notes the marked improvements to the Navy’s congressional budget justification documents, as requested in Senate Report 113–211, and looks forward to the Navy continuing its emphasis to provide greater level of detail and clarity in future submissions. In addition to examining the budget justification documents submitted in accordance with the Financial Management Regulations, the Committee during its budget review relies heavily on supplemental briefing materials and information. The Committee finds the quality of these supplemental briefing materials to be inconsistent among program offices, often omitting basic information required for program reviews, or failing to amplify information provided in the congressional budget justification documents. In addition, the Committee finds the response time for additionally requested information excessive, allowing insufficient time for further review. Therefore, the Committee urges the Secretary of the Navy to work with the congressional defense committees to improve the timeliness and quality of information provided in support of future budget submissions.

Virginia Payload Module [VPM].—The fiscal year 2016 budget request includes \$167,719,000 to continue development of the Virginia Payload Module in support of production beginning in fiscal year 2019. According to the Navy, the VPM concept was proposed to compensate for the decline in strike capacity precipitated by the planned retirement of converted *Ohio* class guided missile submarines scheduled in the mid- to late- 2020s. The Committee recommends full funding of the Navy’s request; however, the Committee remains concerned with the program’s stability, cost and schedule pressures. Therefore, the Committee amends the reporting requirement previously included in Division C of the Joint Explanatory Statement accompanying the Consolidated Appropriations Act, 2014 (Public Law 113–76), to a quarterly submission, and directs the Secretary of Navy to include in this quarterly report planned and actual performance of program metrics identified in the March 2015 report provided to the congressional defense committees.

In addition, the fiscal year 2016 budget request includes \$12,900,000 in program element 0603502N and \$3,800,000 in program element 0603561N for the development and evaluation of non-strike payloads for possible insertion into VPM. The Committee finds this inconsistent with the VPM concept as proposed, and is concerned with the technical risk this adds to delivering the VPM on cost and schedule. Therefore, the Committee recommends no funding for these specific efforts.

Directed Energy.—The fiscal year 2016 budget request includes \$67,360,000 for a sea-based demonstration of an electromagnetic railgun on board a Joint High Speed Vessel in fiscal year 2016 and

to purchase materials for a second, more complex sea-based demonstration in fiscal year 2019. The Committee continues its strong support for an electromagnetic railgun program, but remains concerned with the Navy's acquisition approach to this developmental program that has limited competition for major components more than 5 years before the program is scheduled to enter the formal Department of Defense acquisition process. The Committee notes that the proposed complex fiscal year 2019 sea-based demonstration continues to drive the Navy towards a single material solution. The Committee does not agree with this acquisition approach and recommends no funds for the fiscal year 2019 sea-based demonstration.

E2-D Advanced Hawkeye.—The fiscal year 2016 budget request includes \$272,149,000 for continued modernization of the E2-D Advanced Hawkeye airborne early warning aircraft, an increase of \$95,449,000 over amounts appropriated in fiscal year 2015. The Committee notes that the budget request includes funds for the development of three distinct software configurations in fiscal year 2016, each consisting of multiple efforts. The Committee further notes that the most costly effort within in these software configuration upgrades is for the development of an aerial refueling capability. The E2-D Hawkeye will enter full rate production in fiscal year 2016, and received congressional authority to enter into a multi-year procurement contract in fiscal year 2014, which requires stable program requirements and configurations. Developing, testing and integrating an aerial refueling capability adds technical risk to the program, and will likely result in significant additional costs to modernization efforts.

The Committee believes that executing the development of an aerial refueling capability in concert with a multitude of other, lower priority upgrades is technically and fiscally risky, and recommends that the Navy limit its fiscal year 2016 efforts to high priority upgrades only, specifically the development of aerial refueling and counter electronic attack capabilities. Therefore, the Committee does not recommend funding for fiscal year 2016 new start efforts to be fielded concurrently with an aerial refueling capability in software configuration 4, a reduction of \$26,100,000 from the request, and recommends that funds appropriated for software configuration 5 be invested towards counter electronic attack only, a reduction of \$30,900,000 from the request. The Committee recommends full funding of the Navy's aerial refueling capability, and recommends an additional \$10,000,000 only for radar development to overcome limitations of existing capabilities.

Further, the Committee directs the Assistant Secretary of the Navy for Research, Development and Acquisition to submit with the fiscal year 2017 budget submission cost estimates for each planned E2-D Hawkeye Delta System/Software Configuration Build that delineate the content of each configuration, as well as total development, test and integration costs by effort within each configuration. In addition, the Assistant Secretary of the Navy for Research, Development and Acquisition is directed to identify any unfunded requirements for improved airborne surveillance and battle management command control systems to protect against sophisticated adversaries with anti-ship cruise and ballistic missiles.

Next Generation Jammer [NGJ] Increment II.—The fiscal year 2016 budget request includes \$13,000,000 to initiate Increment II of the Next Generation Jammer. The Committee recommends fully funding this request and establishing a separate budget line to increase program visibility and accountability. The Committee directs the Navy to follow this structure in future budget submissions.

Unmanned Carrier-Launched Airborne Surveillance and Strike [UCLASS] System.—The fiscal year 2016 request includes \$134,708,000 for the UCLASS program to continue development of the shipboard integration and command and control system segments as previously scheduled. The Committee notes that the request includes \$20,100,000 for source selection activities of the air segment to support an air vehicle development contract award in fiscal year 2017, but no funding to continue technology risk reduction activities for the air vehicle in fiscal year 2016 in support of that contract award.

With submission of the fiscal year 2016 request, the Navy announced a delay to the UCLASS program pending completion of a Department of Defense-led strategic portfolio review that is intended to inform the fiscal year 2017 budget request. This proposal will result in an additional 1½ year delay in the establishment of an early operational UCLASS capability. According to senior Navy leadership, this delay risks the Navy “losing ground” in developing unmanned aviation from an aircraft carrier. Further, the Committee questions the strategy of dissolving industry teams under contract for competitive air vehicle risk reduction activities prior to awarding a technology development contract. Therefore, the Committee recommends \$300,000,000 only for continued competitive air vehicle risk reduction activities. In addition, the Committee recommends \$50,000,000 for Government and industry preparation of source selection and development contract award activities.

As previously stated in Senate Report 113–211, the Committee believes that stable requirements are critical to ensuring program success, and restates its direction to the Secretary of the Navy to obtain Joint Requirements Oversight Council approval of the UCLASS capability development document [CDD] prior to issuing the final Request for Proposals for the air segment.

Multi-mission Aircraft Increment III.—The fiscal year 2016 budget request includes \$104,116,000 for Increment III of the P–8 Multi-mission Aircraft. The Committee recommends fully funding this request and establishing a separate budget line to increase program visibility and accountability. The Committee directs the Navy to follow this structure in future budget submissions.

Small Business Strategies.—The Committee notes that the Assistant Secretary of the Navy for Research, Development and Acquisition [ASN (RD&A)] in January 2015 directed Program Executive Offices and Heads of Contract Activities to formulate small business strategies that incorporate and promote small business participation across contracts under their purview. The Committee further notes that ASN (RD&A) directed the Small Business Innovation Research/Small Business Technology Transfer [SBIR/STTR] program to focus on improving program transitions to yield a greater return on investment from Navy research and development funds. The Committee believes that a robust small business indus-

trial base is essential to maintaining a technological edge over potential adversaries and therefore directs ASN (RD&A) to provide, with the fiscal year 2017 budget submission, an update on the implementation of measures taken to promote small business participation in Navy acquisition.

Readiness of Aging Air Vehicle Fleet.—The Committee is concerned about the critical funding and maintenance challenges the Navy faces in maintaining the readiness of its air vehicle fleet and extending the useful life of aging aircraft. The Committee recognizes the valuable role university affiliated research institutions offer to the Department of Defense to address these challenges with the ability to respond rapidly to new technology requirements and address shortages of qualified scientists and engineers caused by employee turnover within Department of Defense organizations. The Committee recommends an additional \$30,000,000 for basic university research, and encourages the Navy to support academic institutions with strong capabilities in aviation and aerospace structures and materials testing and evaluation to enhance readiness of Navy and Department of Defense air vehicle fleets.

Cyber Security and Cloud Computing.—The Committee recognizes progress being made in developing new and practical approaches for cyber security and secure cloud computing to protect critical cyber systems and reduce loss of classified information to potential adversaries. The Committee understands that encryption technologies contribute towards these goals. Therefore, the Committee encourages the Navy and Marine Corps to continue research into encryption technologies and to focus on implementation, integration and software tooling support.

Navy Alternative Energy Research.—As in previous years, the Committee recommends an increase for Navy alternative energy research. The Committee notes the fiscal and operational value of investing in alternative energy research, and encourages the Navy to expand ocean renewable energy testing, research, develop and deploy maritime security systems, support at-sea surveillance and communications systems and explore opportunities to reduce the cost of energy and increase energy security at coastal Department of Defense facilities. Further, the Committee encourages the Navy to invest in renewable energy demonstration activities relating to Department of Defense facilities and activities in coordination with other Federal agencies and entities.

Power Generation and Storage Research.—The Committee notes the importance of lithium-ion batteries to the Department of Defense and is concerned with safety incidents that limit their operational fielding. Therefore, the Committee believes that the development and qualification of technologies to reduce the risk of thermal runaway in lithium-ion batteries should be prioritized within energy storage research.

Smart Sensing Technology.—The Committee recognizes the need to continue improving intrusion detection and security screening capabilities by leveraging advanced and reliable non-intrusive technologies. The Committee notes advancements in the area of nanotechnology that offer the potential use in developing sensors to detect biohazards, explosives, propellants and other threats. There-

fore, the Committee encourages the Navy to invest in advanced anti-intrusion detection technologies.

U.S. Marine Corps Asset Lifecycle Management.—The Committee understands the U.S. Marine Corps is reducing costs associated with routine vehicle maintenance through research and development in vehicle remanufacturing and monitoring. The Committee encourages the Office of Naval Research to continue its investment in these areas.

Interdisciplinary Expeditionary Cyber Research.—The Committee notes the significant investment by the Department of Defense in basic cyber research in recent years. However, the Committee is concerned that this research does not consider the inter-disciplinary nature of cyber systems and focuses on the strategic level while excluding the consideration of the role of human behavior. The Committee encourages the Office of Naval Research to develop a multi-disciplinary science and technology strategy addressing dynamic cyber defense and tactical cyberspace operations. Further, the Committee encourages the Navy to examine prototyping and developing technology capabilities for expeditionary cyberspace operations.

Underwater Energetics Research.—The Committee recommends an additional \$10,000,000 for the Office of Naval Research to support development of advanced warhead and explosives concepts for undersea warfare, and an assessment of global developments in energetic materials.

Arctic Center of Excellence.—The Committee notes that the United States has a vested interest in the security and stability of the Arctic region. The Committee believes that with the Arctic becoming increasingly accessible and more broadly transited in the coming decades by both Arctic and non-Arctic nations, it is imperative that the United States be prepared to operate in the Arctic Region when needed. The Committee is pleased that the Department of Defense is enhancing its focus on the Arctic region by releasing its Arctic Strategy in November 2013 and that the Department of the Navy released its updated Arctic Roadmap in February 2014. The Committee believes it is important for the Department to continue to invest in training exercises, partnerships, infrastructure, and capabilities necessary to meet strategic objectives in the Arctic region and to support potential operations. The Committee encourages the Department of Defense, and the Department of the Navy in particular, to continue research efforts to develop security capabilities and strategies for the Arctic region.

The Committee notes that the Navy's Arctic Roadmap includes a plan to identify the requirements for an Arctic Center of Excellence in fiscal year 2015. The Committee directs the Navy to complete identification of these requirements and to report to the Committee on these requirements and the Navy's plans not later than December 31, 2015. The Committee encourages the Navy to coordinate with other Government agencies, academic institutions, and existing polar research efforts that can provide support and promote United States security interests.

Monitoring of Sea Ice in the Arctic Basin.—The Committee notes that as an Arctic nation extending through the State of Alaska, United States national security interests extend into the entire

Arctic region. The Committee encourages the Department of Defense, working with the Office of Naval Research and its academic partners, to expand its understanding of the Arctic region’s physical environment. The Committee recognizes that such data could be key to the development of strategies for national security, natural resource protection and efficient commerce in the Arctic region.

Predictive Analytics.—The Committee notes that equipment failures and performance degradation on naval platforms drive unplanned downtime, reduce operational availability and increase the cost of maintenance. The Committee understands there are available proven commercial tools that leverage equipment sensor data and similarity-based modeling to remotely predict and diagnose mechanical issues well ahead of time, allowing equipment failure to be prevented through planned maintenance activities. The Committee encourages the Department of the Navy to seek opportunities to conduct field trials of these commercially available remote monitoring and diagnostic systems to determine if they can help increase readiness and reduce maintenance costs.

Land-based Power Generation Test Bed.—The Committee notes that the Navy is developing advanced ship electric power systems to support high power weapons and sensors, and to improve ship energy efficiency. An important element for the operation of high power weapons and sensors is the energy magazine concept that would integrate and expand ship power distribution circuits, power conversion, and energy storage. The Committee believes a cost-effective approach to maturing power generation technology is the development of a land-based representative integrated ship power system to include power generation, energy storage, power distribution, and power loads, upon which high power weapons and sensors could be tested. The Committee encourages the Secretary of the Navy to perform a cost-benefit analysis to determine the total cost savings of such a land-based power generation test bed.

Free Space Optical Communication Technology Demonstrator.—The Committee understands there is a potential need for new and emerging compact and affordable Free Space Optical Communication [FSOC] technologies for tactical high bandwidth line-of sight data link needs in multiple environments. The Committee encourages the Secretary of the Navy to assess FSOC technology for use by the Marine Corps that has been demonstrated on multiple DOD applications, can be implemented from ground, air or sea-borne platforms, and is completely eye-safe.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Appropriations, 2015	\$23,643,983,000
Budget estimate, 2016	26,473,669,000
Committee recommendation	25,874,116,000

The Committee recommends an appropriation of \$25,874,116,000. This is \$599,553,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE			
	BASIC RESEARCH			
1	DEFENSE RESEARCH SCIENCES	329,721	384,721	+ 55,000
2	UNIVERSITY RESEARCH INITIATIVES	141,754	141,754	.....
3	HIGH ENERGY LASER RESEARCH INITIATIVES	13,778	13,778	.....
	TOTAL, BASIC RESEARCH	485,253	540,253	+ 55,000
	APPLIED RESEARCH			
4	MATERIALS	125,234	125,234	.....
5	AEROSPACE VEHICLE TECHNOLOGIES	123,438	123,438	.....
6	HUMAN EFFECTIVENESS APPLIED RESEARCH	100,530	100,530	.....
7	AEROSPACE PROPULSION	182,326	187,326	+ 5,000
8	AEROSPACE SENSORS	147,291	147,291	.....
9	SPACE TECHNOLOGY	116,122	116,122	.....
10	CONVENTIONAL MUNITIONS	99,851	99,851	.....
11	DIRECTED ENERGY TECHNOLOGY	115,604	115,604	.....
12	DOMINANT INFORMATION SCIENCES AND METHODS	164,909	170,909	+ 6,000
13	HIGH ENERGY LASER RESEARCH	42,037	42,037	.....
	TOTAL, APPLIED RESEARCH	1,217,342	1,228,342	+ 11,000
	ADVANCED TECHNOLOGY DEVELOPMENT			
14	ADVANCED MATERIALS FOR WEAPON SYSTEMS	37,665	47,665	+ 10,000
15	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	18,378	18,378	.....
16	ADVANCED AEROSPACE SENSORS	42,183	42,183	.....
17	AEROSPACE TECHNOLOGY DEV/DEMO	100,733	100,733	.....
18	AEROSPACE PROPULSION AND POWER TECHNOLOGY	168,821	178,821	+ 10,000
19	ELECTRONIC COMBAT TECHNOLOGY	47,032	47,032	.....
20	ADVANCED SPACECRAFT TECHNOLOGY	54,897	64,897	+ 10,000
21	MAUI SPACE SURVEILLANCE SYSTEM [MSSS]	12,853	12,853	.....
22	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT	25,448	25,448	.....
23	CONVENTIONAL WEAPONS TECHNOLOGY	48,536	43,036	- 5,500
24	ADVANCED WEAPONS TECHNOLOGY	30,195	37,195	+ 7,000
25	MANUFACTURING TECHNOLOGY PROGRAM	42,630	42,630	.....
26	BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION ..	46,414	46,414	.....
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	675,785	707,285	+ 31,500
	ADVANCED COMPONENT DEVELOPMENT			
27	INTELLIGENCE ADVANCED DEVELOPMENT	5,032	5,032	.....
29	SPACE CONTROL TECHNOLOGY	4,070	4,070	.....
30	COMBAT IDENTIFICATION TECHNOLOGY	21,790	21,790	.....
31	NATO RESEARCH AND DEVELOPMENT	4,736	4,736	.....
33	SPACE PROTECTION PROGRAM (SPP)	30,771	30,771	.....
34	INTERCONTINENTAL BALLISTIC MISSILE	39,765	39,765	.....
36	LONG RANGE STRIKE	1,246,228	1,246,228	.....
37	TECHNOLOGY TRANSFER	3,512	8,512	+ 5,000
38	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM	54,637	54,637	.....
40	WEATHER SATELLITE FOLLOW-ON	76,108	21,108	- 55,000
44	OPERATIONALLY RESPONSIVE SPACE	6,457	19,957	+ 13,500
45	TECH TRANSITION PROGRAM	246,514	271,514	+ 25,000
46	GROUND BASED STRATEGIC DETERRENT	75,166	75,166	.....
49	NEXT GENERATION AIR DOMINANCE	8,830	8,830	.....
50	THREE DIMENSIONAL LONG-RANGE RADAR	14,939	8,139	- 6,800
51	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT)	142,288	142,288	.....
52	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	81,732	96,732	+ 15,000

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL, ADVANCED COMPONENT DEVELOPMENT	2,062,575	2,059,275	- 3,300
	ENGINEERING & MANUFACTURING DEVELOPMENT			
55	ELECTRONIC WARFARE DEVELOPMENT	929	929	.....
56	TACTICAL DATA NETWORKS ENTERPRISE	60,256	60,256	.....
57	PHYSICAL SECURITY EQUIPMENT	5,973	5,973	.....
58	SMALL DIAMETER BOMB [SDB]	32,624	32,624	.....
59	COUNTERSPACE SYSTEMS	24,208	24,208	.....
60	SPACE SITUATION AWARENESS SYSTEMS	32,374	32,374	.....
61	SPACE FENCE	243,909	243,909	.....
62	AIRBORNE ELECTRONIC ATTACK	8,358	8,358	.....
63	SPACE BASED INFRARED SYSTEM [SBIRS] HIGH EMD	292,235	292,235	.....
64	ARMAMENT/ORDNANCE DEVELOPMENT	40,154	40,154	.....
65	SUBMUNITIONS	2,506	2,506	.....
66	AGILE COMBAT SUPPORT	57,678	59,678	+ 2,000
67	LIFE SUPPORT SYSTEMS	8,187	8,187	.....
68	COMBAT TRAINING RANGES	15,795	11,795	- 4,000
69	F-35—EMD	589,441	589,441	.....
71	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)	84,438	228,038	+ 143,600
72	LONG RANGE STANDOFF WEAPON	36,643	14,100	- 22,543
73	ICBM FUZE MODERNIZATION	142,551	142,551	.....
74	F-22 MODERNIZATION INCREMENT 3.2B	140,640	140,640	.....
75	GROUND ATTACK WEAPONS FUZE DEVELOPMENT	3,598	3,598	.....
76	NEXT GENERATION AERIAL REFUELING AIRCRAFT KC-46	602,364	602,364	.....
77	ADVANCED PILOT TRAINING	11,395	11,395	.....
78	CSAR HH-60 RECAPITALIZATION	156,085	156,085	.....
80	ADVANCED EHF MILSATCOM (SPACE)	228,230	253,230	+ 25,000
81	POLAR MILSATCOM (SPACE)	72,084	72,084	.....
82	WIDEBAND GLOBAL SATCOM (SPACE)	56,343	56,343	.....
83	AIR AND SPACE OPS CENTER 10.2	47,629	47,629	.....
84	B-2 DEFENSIVE MANAGEMENT SYSTEM	271,961	271,961	.....
85	NUCLEAR WEAPONS MODERNIZATION	212,121	212,121	.....
86	F-15 EPAWSS	186,481	127,681	- 58,800
87	FULL COMBAT MISSION TRAINING	18,082	18,082	.....
88	COMBAT SURVIVOR EVADER LOCATOR	993	993	.....
89	NEXTGEN JSTARS	44,343	44,343	.....
91	PRESIDENTIAL AIRCRAFT REPLACEMENT	102,620	102,620	.....
92	AUTOMATED TEST SYSTEMS	14,563	14,563	.....
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	3,847,791	3,933,048	+ 85,257
	RDT&E MANAGEMENT SUPPORT			
93	THREAT SIMULATOR DEVELOPMENT	23,844	23,844	.....
94	MAJOR T&E INVESTMENT	68,302	68,302	.....
95	RAND PROJECT AIR FORCE	34,918	34,918	.....
97	INITIAL OPERATIONAL TEST & EVALUATION	10,476	10,476	.....
98	TEST AND EVALUATION SUPPORT	673,908	673,908	.....
99	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	21,858	21,858	.....
100	SPACE TEST PROGRAM (STP)	28,228	28,228	.....
101	FACILITIES RESTORATION & MODERNIZATION—TEST & EVAL	40,518	40,518	.....
102	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	27,895	27,895	.....
103	REQUIREMENTS ANALYSIS AND MATURATION	16,507	24,007	+ 7,500
104	SPACE TEST AND TRAINING RANGE DEVELOPMENT	18,997	18,997	.....
106	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE	185,305	180,305	- 5,000
107	ENTERPRISE INFORMATION SERVICES (EIS)	4,841	3,841	- 1,000
108	ACQUISITION AND MANAGEMENT SUPPORT	15,357	15,357	.....
109	GENERAL SKILL TRAINING	1,315	1,315	.....
111	INTERNATIONAL ACTIVITIES	2,315	2,315	.....
	TOTAL, RDT&E MANAGEMENT SUPPORT	1,174,584	1,176,084	+ 1,500
	OPERATIONAL SYSTEMS DEVELOPMENT			
112	GPS III—OPERATIONAL CONTROL SEGMENT	350,232	350,232	.....
113	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	10,465	8,565	- 1,900

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
114	WIDE AREA SURVEILLANCE	24,577	24,577	.....
117	AIR FORCE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM	69,694	29,694	- 40,000
118	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	26,718	26,718	.....
119	HC/MC-130 RECAP RDT&E	10,807	4,807	- 6,000
121	B-52 SQUADRONS	74,520	74,520	.....
122	AIR-LAUNCHED CRUISE MISSILE [ALCM]	451	451	.....
123	B-1B SQUADRONS	2,245	2,245	.....
124	B-2 SQUADRONS	108,183	108,183	.....
125	MINUTEMAN SQUADRONS	178,929	166,729	- 12,200
126	STRAT WAR PLANNING SYSTEM—USSTRATCOM	28,481	28,481	.....
127	NIGHT FIST—USSTRATCOM	87	87	.....
128	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	5,315	5,315	.....
131	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES	8,090	8,090	.....
132	MQ-9 UAV	123,439	123,439	.....
134	A-10 SQUADRONS .....	.....	16,200	+ 16,200
135	F-16 SQUADRONS	148,297	188,297	+ 40,000
136	F-15E SQUADRONS	179,283	192,079	+ 12,796
137	MANNED DESTRUCTIVE SUPPRESSION	14,860	14,860	.....
138	F-22 SQUADRONS	262,552	262,552	.....
139	F-35 SQUADRONS	115,395	53,921	- 61,474
140	TACTICAL AIM MISSILES	43,360	43,360	.....
141	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	46,160	38,160	- 8,000
143	COMBAT RESCUE AND RECOVERY	412	412	.....
144	COMBAT RESCUE—PARARESCUE	657	657	.....
145	AF TENCAP	31,428	31,428	.....
146	PRECISION ATTACK SYSTEMS PROCUREMENT	1,105	1,105	.....
147	COMPASS CALL	14,249	14,249	.....
148	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	103,942	103,942	.....
149	JOINT AIR-TO-SURFACE STANDOFF MISSILE [JASSM]	12,793	9,793	- 3,000
150	AIR AND SPACE OPERATIONS CENTER [AOC]	21,193	21,193	.....
151	CONTROL AND REPORTING CENTER [CRC]	559	559	.....
152	AIRBORNE WARNING AND CONTROL SYSTEM [AWACS]	161,812	155,512	- 6,300
153	TACTICAL AIRBORNE CONTROL SYSTEMS	6,001	6,001	.....
155	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	7,793	6,793	- 1,000
156	TACTICAL AIR CONTROL PARTY—MOD	12,465	12,465	.....
157	C2ISR TACTICAL DATA LINK	1,681	1,681	.....
159	DCAPES	16,796	16,796	.....
161	SEEK EAGLE	21,564	21,564	.....
162	USAF MODELING AND SIMULATION	24,994	24,994	.....
163	WARGAMING AND SIMULATION CENTERS	6,035	6,035	.....
164	DISTRIBUTED TRAINING AND EXERCISES	4,358	4,358	.....
165	MISSION PLANNING SYSTEMS	55,835	55,835	.....
167	AF OFFENSIVE CYBERSPACE OPERATIONS	12,874	12,874	.....
168	AF DEFENSIVE CYBERSPACE OPERATIONS	7,681	7,681	.....
171	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	5,974	5,974	.....
177	SPACE SUPERIORITY INTELLIGENCE	13,815	13,815	.....
178	E-4B NATIONAL AIRBORNE OPERATIONS CENTER [NAOC]	80,360	65,760	- 14,600
179	FAMILY OF ADVANCED BLoS TERMINALS (FAB-T)	3,907	3,907	.....
180	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	75,062	75,062	.....
181	INFORMATION SYSTEMS SECURITY PROGRAM	46,599	46,599	.....
183	GLOBAL COMBAT SUPPORT SYSTEM	2,470	2,470	.....
186	AIRBORNE SIGINT ENTERPRISE	112,775	112,775	.....
189	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,235	4,235	.....
192	SATELLITE CONTROL NETWORK (SPACE)	7,879	7,879	.....
193	WEATHER SERVICE	29,955	29,955	.....
194	AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC) ..	21,485	19,485	- 2,000
195	AERIAL TARGETS	2,515	2,515	.....
198	SECURITY AND INVESTIGATIVE ACTIVITIES	472	472	.....
199	ARMS CONTROL IMPLEMENTATION	12,137	9,137	- 3,000
200	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	361	361	.....
203	SPACE AND MISSILE TEST AND EVALUATION CENTER	3,162	3,162	.....
204	DEVELOPMENT SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY	1,543	1,543	.....
205	INTEGRATED BROADCAST SERVICE	7,860	7,860	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
206	SPACELIFT RANGE SYSTEM (SPACE)	6,902	6,902	.....
207	DRAGON U-2	34,471	34,471	.....
208	ENDURANCE UNMANNED AERIAL VEHICLES .....	.....	5,000	+ 5,000
209	AIRBORNE RECONNAISSANCE SYSTEMS	50,154	42,154	- 8,000
210	MANNED RECONNAISSANCE SYSTEMS	13,245	13,245	.....
211	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	22,784	22,784	.....
212	PREDATOR UAV (JMIP)	716	.....	- 716
213	RQ-4 UAV	208,053	203,053	- 5,000
214	NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA)	21,587	13,987	- 7,600
215	COMMON DATA LINK (CDL)	43,986	43,986	.....
216	NATO AGS	197,486	138,397	- 59,089
217	SUPPORT TO DCGS ENTERPRISE	28,434	28,434	.....
218	GPS III SPACE SEGMENT	180,902	180,902	.....
220	JSPOC MISSION SYSTEM	81,911	79,911	- 2,000
221	RAPID CYBER ACQUISITION	3,149	3,149	.....
222	NUDET DETECTION SYSTEM (SPACE)	14,447	14,447	.....
223	SPACE SITUATION AWARENESS OPERATIONS	20,077	20,077	.....
225	SHARED EARLY WARNING (SEW)	853	853	.....
226	C-130 AIRLIFT SQUADRON	33,962	33,962	.....
227	C-5 AIRLIFT SQUADRONS	42,864	22,864	- 20,000
228	C-17 AIRCRAFT	54,807	54,807	.....
229	C-130J PROGRAM	31,010	39,010	+ 8,000
230	LARGE AIRCRAFT IR COUNTERMEASURES [LAIRCM]	6,802	6,802	.....
231	KC-10S	1,799	1,799	.....
232	OPERATIONAL SUPPORT AIRLIFT	48,453	38,453	- 10,000
233	CV-22	36,576	27,776	- 8,800
235	SPECIAL TACTICS/COMBAT CONTROL	7,963	7,963	.....
236	DEPOT MAINTENANCE (NON-IF)	1,525	1,525	.....
237	LOGISTICS INFORMATION TECHNOLOGY [LOGIT]	112,676	68,400	- 44,276
238	SUPPORT SYSTEMS DEVELOPMENT	12,657	12,657	.....
239	OTHER FLIGHT TRAINING	1,836	1,836	.....
240	OTHER PERSONNEL ACTIVITIES	121	121	.....
241	JOINT PERSONNEL RECOVERY AGENCY	5,911	5,911	.....
242	CIVILIAN COMPENSATION PROGRAM	3,604	3,604	.....
243	PERSONNEL ADMINISTRATION	4,598	4,598	.....
244	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,103	1,103	.....
246	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT	101,840	95,540	- 6,300
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	4,230,197	3,980,938	- 249,259
9999	CLASSIFIED PROGRAMS	12,780,142	12,248,891	- 531,251
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE	26,473,669	25,874,116	- 599,553

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Defense Research Sciences	329,721	384,721	+ 55,000
	Authorization adjustment: Basic research program increase .....	.....	.....	+ 45,000
	Program increase: Air Force Education and Outreach Program .....	.....	.....	+ 10,000
7	Aerospace Propulsion	182,326	187,326	+ 5,000
	Program increase .....	.....	.....	+ 5,000
12	Dominant Information Sciences and Methods	164,909	170,909	+ 6,000
	Program increase .....	.....	.....	+ 6,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
14	Advanced Materials for Weapon Systems	37,665	47,665	+ 10,000
	Program increase: Metals affordability research			+ 10,000
18	Aerospace Propulsion and Power Technology	168,821	178,821	+ 10,000
	Program increase: Silicon carbide research			+ 10,000
20	Advanced Spacecraft Technology	54,897	64,897	+ 10,000
	Program increase			+ 10,000
23	Conventional Weapons Technology	48,536	43,036	- 5,500
	Improving funds management: Forward financing			- 5,500
24	Advanced Weapons Technology	30,195	37,195	+ 7,000
	Program increase: Counter-electronics high power microwave advanced missile			+ 7,000
37	Technology Transfer	3,512	8,512	+ 5,000
	Program increase			+ 5,000
40	Weather System Follow-on	76,108	21,108	- 55,000
	Improving funds management: Prior year carryover			- 55,000
44	Operationally Responsive Space	6,457	19,957	+ 13,500
	Authorization adjustment: Increase to match pre- vious year funding level			+ 13,500
45	Tech Transition Program	246,514	271,514	+ 25,000
	Program increase: Alternative energy research			+ 25,000
50	Three Dimensional Long-Range Radar (3DELRR)	14,939	8,139	- 6,800
	Restoring acquisition accountability: Test and eval- uation support early to need			- 6,800
52	Cyber Operations Technology Development	81,732	96,732	+ 15,000
	Authorization adjustment: Increase USCC cyber op- erations tech development			+ 15,000
66	Agile Combat Support	57,678	59,678	+ 2,000
	Program increase			+ 10,000
	Improving funds management: Forward financing			- 8,000
68	Combat Training Ranges	15,795	11,795	- 4,000
	Improving funds management: Forward financing			- 4,000
71	Evolved Expendable Launch Vehicle Program (SPACE)— EMD	84,438	228,038	+ 143,600
	Program increase: Rocket engine development			+ 143,600
72	Long Range Standoff Weapon	36,643	14,100	- 22,543
	Restoring acquisition accountability: Acquisition strategy			- 18,643
	Restoring acquisition accountability: Test support and program management early to need			- 3,900
80	Advanced EHF MILSATCOM (SPACE)	228,230	253,230	+ 25,000
	Program increase: Protected tactical demonstration			+ 25,000
86	F-15 EPAWSS	186,481	127,681	- 58,800
	Restoring acquisition accountability: EMD funding early to need			- 58,800
103	Requirements Analysis and Maturation	16,507	24,007	+ 7,500
	Program increase			+ 7,500
106	Space and Missile Center [SMC] Civilian Workforce	185,305	180,305	- 5,000
	Maintain program affordability: Excess to need			- 5,000
107	Enterprise Information Services [EIS]	4,841	3,841	- 1,000
	Improving funds management: Forward financing			- 1,000
113	Specialized Undergraduate Flight Training	10,465	8,565	- 1,900
	Improving funds management: Forward financing			- 1,900
117	AF Integrated Personnel and Pay System [AF-IPPS]	69,694	29,694	- 40,000
	Improving funds management: Forward financing, excluding funding for audit readiness			- 40,000
119	HC/MC-130 Recap RDT&E	10,807	4,807	- 6,000
	Restoring acquisition accountability: Block 8.1 funding early-to-need			- 6,000
125	Minuteman Squadrons	178,929	166,729	- 12,200
	Budget documentation disparity: Airborne launch control system funding request unclear			- 12,200
134	A-10 Squadrons		16,200	+ 16,200
	Authorization adjustment: Sustain avionics software development			+ 16,200

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
135	F-16 Squadrons	148,297	188,297	+ 40,000
	Program increase: Radar improvements—Air National Guard			+ 40,000
136	F-15E Squadrons	179,283	192,079	+ 12,796
	Transfer F-15: Air Force-requested from APAF Line #22			+ 12,796
139	F-35 Squadrons	115,395	53,921	- 61,474
	Restoring acquisition accountability: Follow on development excessive growth			- 61,474
141	Advanced Medium Range Air-to-Air Missile [AMRAAM]	46,160	38,160	- 8,000
	Restoring acquisition accountability: Program delay			- 8,000
149	Joint Air-to-Surface Standoff Missile [JASSM]	12,793	9,793	- 3,000
	Improving funds management: Forward financing			- 3,000
152	Airborne Warning and Control System [AWACS]	161,812	155,512	- 6,300
	Restoring acquisition accountability: Delayed contract award			- 6,300
155	Combat Air Intelligence System Activities	7,793	6,793	- 1,000
	Improving funds management: Forward financing			- 1,000
178	E-4B National Airborne Operations Center [NAOC]	80,360	65,760	- 14,600
	Maintain program affordability: Excess funding for low frequency transmit system			- 14,600
194	Air Traffic Control, Approach, and Landing System [ATCALs]	21,485	19,485	- 2,000
	Maintain program affordability: Unjustified program growth in program management administration			- 2,000
199	Arms Control Implementation	12,137	9,137	- 3,000
	Improving funds management: Forward financing			- 3,000
208	Endurance Unmanned Aerial Vehicles		5,000	+ 5,000
	Program increase			+ 5,000
209	Airborne Reconnaissance Systems	50,154	42,154	- 8,000
	Improving funds management: Forward financing			- 8,000
212	MQ-1 Predator A UAV	716		- 716
	Maintain program affordability: Funding not required			- 716
213	RQ-4	208,053	203,053	- 5,000
	Improving funds management: Forward financing			- 5,000
214	Network-Centric Collaborative Targeting	21,587	13,987	- 7,600
	Restoring acquisition accountability: Version 5.0.4 funding early-to-need			- 7,600
216	NATO AGS	197,486	138,397	- 59,089
	Transfer NATO AGS: Air Force-requested to APAF Line #79			- 59,089
220	JSPOC Mission System	81,911	79,911	- 2,000
	Restoring acquisition accountability: Excessive cost growth			- 2,000
227	C-5 Airlift Squadrons (IF)	42,864	22,864	- 20,000
	Improving funds management: Forward financing			- 20,000
229	C-130J Program	31,010	39,010	+ 8,000
	Program increase: In-flight Prop Balancing System			+ 8,000
232	Operational Support Airlift	48,453	38,453	- 10,000
	Improving funds management: Forward financing			- 10,000
233	CV-22	36,576	27,776	- 8,800
	Restoring acquisition accountability: Improved inlet solution program delay			- 8,800
237	Logistics Information Technology [LOGIT]	112,676	68,400	- 44,276
	Improving funds management: Forward financing, excluding funding for audit readiness			- 44,276
246	Financial Management Information Systems Development	101,840	95,540	- 6,300
	Improving funds management: Forward financing, excluding funding for audit readiness			- 6,300
	Classified Programs	12,780,142	12,248,891	- 531,251
	Classified adjustment			- 531,251

Adaptive Engine Transition Program.—The Committee supports the continued emphasis on research and development in the next generation of turbine engine technology. The Committee notes that there are potential applications of this technology to both legacy and future combat aircraft. The Committee encourages the Air Force to continue investing in these critical technologies and supporting multiple industry partners to ensure competition during the next phase of development.

Air Force Alternative Energy.—The Committee is encouraged by the Air Force's energy conservation and efficiency initiatives as well as its investment into promising renewable energy. The Committee urges the Air Force to continue its critical research in this field and encourages the Assistant Secretary of the Air Force for Installations, Environment and Energy to develop a strategy to bridge the gap between investment in energy research and development, and the demonstration and use of that technology to meet Air Force enterprise requirements.

Long Range Stand-Off Weapon.—The Committee supports the Air Force's program to develop a follow-on capability to the Air Launched Cruise Missile to penetrate advanced integrated air defense systems from significant stand-off range. The Committee is pleased that the Air Force accelerated the program's milestone A decision in the President's budget request from the second quarter of fiscal year 2017 to the first quarter of fiscal year 2016. The Committee provides \$14,100,000 in fiscal year 2016, an increase of \$10,662,000 over the fiscal year 2015 enacted level, and encourages the Air Force to maintain the funding profile of \$1,747,300,000 from fiscal years 2017 through 2020, given the strategic importance of the program.

Ground Based Strategic Deterrent Acquisition.—The Committee recognizes that the Air Force is currently exploring options to acquire a replacement for the Minuteman III system, the Ground Based Strategic Deterrent [GBSD]. The Committee believes the use of full and open competition provides the best opportunity for the Department of Defense to benefit from innovation, improved contractor performance, and reduced costs. Not later than 90 days after enactment of this act, the Secretary of the Air Force shall provide the congressional defense committees the GBSD acquisition strategy to include a detailed description of Air Force's plans to use competitive awards throughout the acquisition process.

Combat Rescue Helicopter.—The Committee is pleased that the fiscal year 2016 budget request includes funding for the combat rescue helicopter throughout the future years defense plan, consistent with the service cost position. However, the Committee is concerned with the timing and number of system demonstration test article [SDTA] aircraft in the fiscal year 2016 budget request. The Committee encourages the Air Force to reconsider the timing and number of the research and development-funded aircraft to ensure the most efficient use of resources to support the program test schedule and the industrial base until low rate initial procurement begins.

Joint Surveillance and Target Attack Radar System [JSTARS].—The Committee supports the fiscal year 2016 budget request of \$44,343,000 for JSTARS recapitalization and is pleased with the

recent approval of the Materiel Development Decision to enable the Air Force to begin technology development and award technology maturation contracts. However, the Committee remains concerned with the duration of the design and development phase of the program and the delay of initial operational capability until 2023. As delineated in the report accompanying the Senate version of the Department of Defense Appropriations Act, 2015 (Senate Report 113–211), the Committee continues to view the program as primarily an integration effort that will utilize mature, affordable, and existing components on a commercially available aircraft. Last year, the Committee directed the Secretary of the Air Force to reassess the acquisition strategy to shorten the development phase. The Committee encourages the Air Force to work with industry partners and apply the tenets of Better Buying Power 3.0 to reduce the duration and cost of the design and development phase and reflect the revised schedules and funding levels in the fiscal year 2017 budget request.

Given the time required to develop and procure the new aircraft, the Committee understands that the Air Force plans to extend the service life of the current E–8 JSTARS fleet until the middle of the next decade. The Committee directs the Secretary of the Air Force to submit a plan to the congressional defense committees, to accompany submission of the fiscal year 2017 budget, that outlines how industrial and logistics degradation of the E–8 fleet will be avoided as well as upgrades to the fleet to ensure the platform will continue to meet warfighter needs for combat operations. The plan should include schedules and annual funding requirements.

High Speed Test Track.—The Committee supports the Air Force’s efforts to modernize its high speed testing system in order to meet aerodynamic testing requirements for new missile systems. The Committee understands that a high speed test track that can accommodate speeds up to Mach 4 would enable the Air Force to carry out needed tests for advanced weapons systems at lower costs and with decreased vibration compared to legacy test tracks. The Committee encourages the Air Force to complete an analysis of alternatives of the design, build, and cost of a modern high speed test track.

B–2 Ejection Seats.—The Committee understands that the Air Force is currently conducting market research to develop an acquisition strategy for a B–2 ejection system qualification program. The Committee encourages the Air Force to proceed with a full and open competition for the development, qualification, and acquisition of the ejection seat upgrade.

F–16 Radar Upgrades.—The Committee is concerned about the long-term health of the active electronically scanned array radar industrial base. The Committee believes that competition among multiple suppliers is important to reduce costs and improve performance. Therefore, the Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees, not later than 90 days after enactment of this act, on how the Air Force will address phase two of North American Aerospace Defense Command/U.S. Northern Command Joint Urgent Operational Needs [JUON] NC–0008 to include an acquisition strategy on all

aspects of the solution set. The report should address the Air Force's radar modernization plan for the entire F-16 fleet.

U-2.—The fiscal year 2016 budget request supports the continued operation of the U-2 fleet as well as prudent actions to retire the fleet beginning in fiscal year 2019. The fiscal year 2016 budget request includes \$34,471,000 in Research, Development, Test and Evaluation [RDT&E], Air Force for further development of the ASARS-2B radar. The Committee is concerned that the Air Force is committing resources to improve a radar that it does not intend to use on the U-2 aircraft prior to retirement. Therefore, none of the fiscal year 2016 RDT&E funding may be obligated until the Secretary of the Air Force provides a report to congressional defense committees justifying the use of funds, validating the requirement, and a plan to develop, acquire, and field the modernized radar.

Long-Range, Multi-Day Endurance ISR Capability.—The Department of Defense Appropriations Act, 2015 (Public Law 113-235) provided \$20,000,000 to support development of a capability in response to the U.S. Africa Command joint emerging operational need statement [USAFRICOM JEON] AF-0005. The Committee notes that the Air Force has completed four phases of test article flights to demonstrate a capability in response to USAFRICOM JEON AF-0005, including an 80 hour, long endurance flight demonstration in December 2014. The Committee recommendation includes \$5,000,000, to be combined with previously appropriated but not yet obligated funds, for test articles necessary to reduce airworthiness risk, improve interoperability, and characterize the flight envelope to validate a low-cost and effective solution for persistent aerial surveillance. Additionally, the Committee directs the Joint Staff to submit a plan to the congressional defense committees, not later than 90 days after enactment of this act, on the Department's current plan to address USAFRICOM JEON AF-0005.

SPACE PROGRAMS

Rocket Engine Development.—The budget request for fiscal year 2016 includes \$84,438,000 for Evolved Expendable Launch Vehicle next generation rocket engine development. The Committee continues to view the effort to develop and field an advanced U.S. rocket booster engine as a national security imperative and believes planned Air Force investments for fiscal year 2016 are insufficient to meet the need for a new engine in 2019. Therefore, the Committee recommends an additional \$143,600,000 for the Air Force to implement a full scale engine development program that meets Evolved Expendable Launch Vehicle program requirements for national security payload launches. Given the importance of this issue, the Air Force should move expeditiously to spend appropriated funding for this effort.

Advanced Extremely High Frequency Protected Tactical Waveform.—The Committee supports the Air Force's development of a new Advanced Extremely High Frequency [AEHF] Protected Tactical Waveform [PTW] which offers the ability to provide tactical anti-jam communication utilizing existing space and user terminal assets. The 2016 budget request includes funding for the development of new terminal modems, but the Committee is concerned

that the mission management system and PTW ground station hub electronics and software are not being co-developed, which could lead to a multi-year delay in the fielding of the system and the potential for non-optimal system design. Therefore, the Committee recommends an additional \$25,000,000 for the AEHF Protected Tactical Waveform mission management system and ground station hub electronics and software development to enable protected communications utilizing existing military and commercial space assets.

Global Positioning System III Operational Control Segment.—The budget request for fiscal year 2016 includes \$350,232,000 for the GPS III Operational Control Segment [OCX]. This ground system promises to provide improved accuracy, security, and anti-jamming protection and allow the new GPS III satellites to be integrated into the legacy GPS constellation. Development of the system is so delayed, however, that it will not be available until approximately 4 years after the Air Force begins launching GPS III satellites in fiscal year 2016. This has prompted the Air Force to investigate buying a temporary ground capability to ensure that the first GPS satellite can be integrated into the existing constellation. The Committee notes that such a temporary fix would not enable implementation of the technology improvements promised with OCX, including the improved anti-jamming capability of M-code. In light of these problems and delays, the Committee questions the Air Force’s plan to accelerate the launches of several GPS III satellites, reversing a decision in the 2015 budget request. Therefore, the Committee directs the Cost Assessment and Program Evaluation [CAPE] and Joint Requirements Oversight Council [JROC] to review the cost of and validate the requirements for accelerating GPS III launches ahead of the plan laid out in the fiscal year 2015 budget submission.

Global Positioning System III.—The Committee supports the decision of the Air Force to compete future GPS space vehicles after SV-10 to make the program more affordable while sustaining and enhancing GPS capabilities. The Committee believes that more advanced technologies, such as a modern digital payload, will alleviate production problems while providing enhanced mission capability and affordability. Therefore, the Committee directs the Secretary of the Air Force to allocate \$80,000,000 of the GPS III Space Modernization Imitative budget toward technology maturation efforts for a digital navigation payload and satellite vehicle development for the GPS III SV11 + production competition.

Daytime Space Situational Awareness.—The Committee recognizes the criticality of Space Situational Awareness [SSA] and is concerned about long-duration gaps in actionable satellite data during daytime hours. Therefore, the Committee encourages the Air Force to invest in ground-based optical/infrared capabilities to address daytime gaps in SSA.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

Appropriations, 2015	\$17,225,889,000
Budget estimate, 2016	18,329,861,000
Committee recommendation	18,926,433,000

The Committee recommends an appropriation of \$18,926,433,000. This is \$596,572,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	RESEARCH, DEVELOPMENT, TEST & EVAL, DEFENSE-WIDE			
	BASIC RESEARCH			
1	DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH ..	38,436	38,436	.....
2	DEFENSE RESEARCH SCIENCES	333,119	333,119	.....
3	BASIC RESEARCH INITIATIVES	42,022	72,022	+ 30,000
4	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	56,544	56,544	.....
5	NATIONAL DEFENSE EDUCATION PROGRAM	49,453	54,453	+ 5,000
6	HISTORICALLY BLACK COLLEGES & UNIV (HBCU)	25,834	34,334	+ 8,500
7	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	46,261	46,261	.....
	TOTAL, BASIC RESEARCH	591,669	635,169	+ 43,500
	APPLIED RESEARCH			
8	JOINT MUNITIONS TECHNOLOGY	19,352	19,352	.....
9	BIOMEDICAL TECHNOLOGY	114,262	111,462	- 2,800
10	LINCOLN LABORATORY RESEARCH PROGRAM	51,026	51,026	.....
11	APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES	48,226	48,226	.....
12	INFORMATION AND COMMUNICATIONS TECHNOLOGY	356,358	338,433	- 17,925
14	BIOLOGICAL WARFARE DEFENSE	29,265	29,265	.....
15	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	208,111	202,611	- 5,500
16	CYBER SECURITY RESEARCH	13,727	13,727	.....
18	TACTICAL TECHNOLOGY	314,582	302,582	- 12,000
19	MATERIALS AND BIOLOGICAL TECHNOLOGY	220,115	201,721	- 18,394
20	ELECTRONICS TECHNOLOGY	174,798	163,798	- 11,000
21	WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES	155,415	150,415	- 5,000
22	SOFTWARE ENGINEERING INSTITUTE	8,824	8,824	.....
23	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT	37,517	37,517	.....
	TOTAL, APPLIED RESEARCH	1,751,578	1,678,959	- 72,619
	ADVANCED TECHNOLOGY DEVELOPMENT			
24	JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	25,915	25,915	.....
26	COMBATING TERRORISM TECHNOLOGY SUPPORT	71,171	111,171	+ 40,000
27	FOREIGN COMPARATIVE TESTING	21,782	21,782	.....
28	COUNTERPROLIFERATION INITIATIVES—PROLIF PREV & DEFEAT	290,654	280,654	- 10,000
30	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	12,139	12,139	.....
31	DISCRIMINATION SENSOR TECHNOLOGY	28,200	33,200	+ 5,000
32	WEAPONS TECHNOLOGY	45,389	65,389	+ 20,000
33	ADVANCED C4ISR	9,876	9,876	.....
34	ADVANCED RESEARCH	17,364	17,364	.....
35	JOINT DOD—DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,802	18,802	.....
36	AGILE TRANSPO FOR THE 21ST CENTURY [AT21]—THEATER CA	2,679	1,706	- 973
37	SPECIAL PROGRAM—MDA TECHNOLOGY	64,708	13,908	- 50,800
38	ADVANCED AEROSPACE SYSTEMS	185,043	175,025	- 10,018
39	SPACE PROGRAMS AND TECHNOLOGY	126,692	126,692	.....
40	ANALYTIC ASSESSMENTS	14,645	14,645	.....
41	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	59,830	50,030	- 9,800
42	COMMON KILL VEHICLE TECHNOLOGY	46,753	66,753	+ 20,000
43	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED			
	DEV	140,094	140,094	.....
44	RETRACT LARCH	118,666	118,666	.....
45	JOINT ELECTRONIC ADVANCED TECHNOLOGY	43,966	23,966	- 20,000
46	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	141,540	126,540	- 15,000
47	NETWORKED COMMUNICATIONS CAPABILITIES	6,980	5,000	- 1,980

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
50	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	157,056	157,056	.....
51	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT	33,515	37,515	+ 4,000
52	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	16,543	14,543	- 2,000
53	DEPLOYMENT AND DISTRIBUTION ENTERPRISE TECHNOLOGY	29,888	25,270	- 4,618
54	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	65,836	65,836	.....
55	MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT	79,037	89,037	+ 10,000
56	JOINT WARFIGHTING PROGRAM	9,626	5,000	- 4,626
57	ADVANCED ELECTRONICS TECHNOLOGIES	79,021	75,985	- 3,036
58	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	201,335	201,335	.....
59	NETWORK-CENTRIC WARFARE TECHNOLOGY	452,861	432,861	- 20,000
60	SENSOR TECHNOLOGY	257,127	245,127	- 12,000
61	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT	10,771	10,771	.....
62	SOFTWARE ENGINEERING INSTITUTE	15,202	15,202	.....
63	QUICK REACTION SPECIAL PROJECTS	90,500	65,500	- 25,000
66	ENGINEERING SCIENCE AND TECHNOLOGY	18,377	8,377	- 10,000
67	TEST & EVALUATION SCIENCE & TECHNOLOGY	82,589	94,589	+ 12,000
68	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	37,420	42,420	+ 5,000
69	CWMD SYSTEMS	42,488	42,488	.....
70	SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT ..	57,741	59,741	+ 2,000
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	3,229,821	3,147,970	- 81,851
	DEMONSTRATION & VALIDATION			
71	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	31,710	31,710	.....
73	WALKOFF	90,567	90,567	.....
74	ADVANCE SENSOR APPLICATIONS PROGRAM	15,900	15,900	.....
75	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	52,758	52,758	.....
76	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	228,021	205,621	- 22,400
77	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT ..	1,284,891	1,284,891	.....
78	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	172,754	170,354	- 2,400
79	BALLISTIC MISSILE DEFENSE SENSORS	233,588	233,588	.....
80	BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS	409,088	409,088	.....
81	SPECIAL PROGRAMS—MDA	400,387	400,387	.....
82	AEGIS BMD	843,355	843,355	.....
83	SPACE SURVEILLANCE & TRACKING SYSTEM	31,632	31,632	.....
84	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	23,289	23,289	.....
85	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT	450,085	437,785	- 12,300
86	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	49,570	49,570	.....
87	BALLISTIC MISSILE DEFENSE INTERGRATION AND OPERATIONS CENTER (MDIOC)	49,211	49,211	.....
88	REGARDING TRENCH	9,583	9,583	.....
89	SEA BASED X-BAND RADAR (SBX)	72,866	72,866	.....
90	ISRAELI COOPERATIVE PROGRAMS	102,795	267,595	+ 164,800
91	BALLISTIC MISSILE DEFENSE TEST	274,323	287,804	+ 13,481
92	BALLISTIC MISSILE DEFENSE TARGETS	513,256	527,994	+ 14,738
93	HUMANITARIAN DEMINING	10,129	10,129	.....
94	COALITION WARFARE	10,350	10,350	.....
95	DEPARTMENT OF DEFENSE CORROSION PROGRAM	1,518	11,518	+ 10,000
96	TECHNOLOGY MATURATION INITIATIVES	96,300	4,271	- 92,029
97	ADVANCED INNOVATIVE TECHNOLOGIES	469,798	469,798	.....
98	DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT	3,129	7,791	+ 4,662
101	DEFENSE RAPID INNOVATION PROGRAM .....	.....	400,000	+ 400,000
103	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY	25,200	21,700	- 3,500
105	LONG RANGE DISCRIMINATION RADAR	137,564	137,564	.....
106	IMPROVED HOMELAND DEFENSE INTERCEPTORS	278,944	298,944	+ 20,000
107	BMD TERMINAL DEFENSE SEGMENT TEST	26,225	26,225	.....
108	AEGIS BMD TEST	55,148	82,468	+ 27,320
109	BALLISTIC MISSILE DEFENSE SENSOR TEST	86,764	86,764	.....
110	LAND-BASED SM-3 [LBSM3]	34,970	34,970	.....

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
111	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT	172,645	172,645	.....
112	BMD MIDCOURSE DEFENSE SEGMENT TEST	64,618	64,618	.....
114	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	2,660	2,660	.....
115	CYBER SECURITY INITIATIVE	963	963	.....
	TOTAL, DEMONSTRATION & VALIDATION	6,816,554	7,338,926	+ 522,372
	ENGINEERING & MANUFACTURING DEVELOPMENT			
116	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	8,800	8,800	.....
117	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT	78,817	88,817	+ 10,000
118	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	303,647	282,147	- 21,500
119	ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO)	23,424	18,424	- 5,000
120	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	14,285	14,285	.....
121	WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES	7,156	7,156	.....
122	INFORMATION TECHNOLOGY DEVELOPMENT	12,542	12,042	- 500
123	HOMELAND PERSONNEL SECURITY INITIATIVE	191	.....	- 191
124	DEFENSE EXPORTABILITY PROGRAM	3,273	3,273	.....
125	OUS(D) IT DEVELOPMENT INITIATIVES	5,962	2,962	- 3,000
126	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION	13,412	11,912	- 1,500
127	DCMO POLICY AND INTEGRATION	2,223	2,223	.....
128	DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM	31,660	31,660	.....
129	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	13,085	10,135	- 2,950
130	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITY	7,209	7,209	.....
131	GLOBAL COMBAT SUPPORT SYSTEM	15,158	13,794	- 1,364
132	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EIM)	4,414	3,614	- 800
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	545,258	518,453	- 26,805
	RDT&E MANAGEMENT SUPPORT			
133	DEFENSE READINESS REPORTING SYSTEM (DRRS)	5,581	5,581	.....
134	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	3,081	3,081	.....
135	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT	229,125	214,125	- 15,000
136	ASSESSMENTS AND EVALUATIONS	28,674	28,674	.....
138	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETS)	45,235	40,235	- 5,000
139	TECHNICAL STUDIES, SUPPORT AND ANALYSIS	24,936	24,936	.....
141	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION	35,471	32,009	- 3,462
142	CLASSIFIED PROGRAM USD(P) .....	.....	111,241	+ 111,241
144	SYSTEMS ENGINEERING	37,655	41,655	+ 4,000
145	STUDIES AND ANALYSIS SUPPORT	3,015	2,715	- 300
146	NUCLEAR MATTERS—PHYSICAL SECURITY	5,287	5,287	.....
147	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	5,289	5,289	.....
148	GENERAL SUPPORT TO USD (INTELLIGENCE)	2,120	1,689	- 431
149	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	102,264	102,264	.....
158	SMALL BUSINESS INNOVATION RESEARCH/TECHNOLOGY TRANSFER	2,169	2,169	.....
159	DEFENSE TECHNOLOGY ANALYSIS	13,960	216,960	+ 203,000
160	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	51,775	56,775	+ 5,000
161	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	9,533	7,937	- 1,596
162	DEVELOPMENT TEST AND EVALUATION	17,371	17,371	.....
163	MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT)	71,571	71,571	.....
164	BUDGET AND PROGRAM ASSESSMENTS	4,123	4,123	.....
165	OPERATIONS SECURITY (OPSEC)	1,946	1,946	.....
166	JOINT STAFF ANALYTICAL SUPPORT	7,673	5,000	- 2,673
169	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	10,413	10,413	.....
170	DEFENSE MILITARY DECEPTION PROGRAM OFFICE	971	971	.....
171	CYBER INTELLIGENCE	6,579	6,579	.....
173	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION	43,811	42,766	- 1,045
174	MANAGEMENT HEADQUARTERS—MDA	35,871	35,871	.....
175	MANAGEMENT HEADQUARTERS—WHS	1,072	1,072	.....
9999	CLASSIFIED PROGRAMS	49,500	49,500	.....
	TOTAL, RDT&E MANAGEMENT SUPPORT	856,071	1,149,805	+ 293,734

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	OPERATIONAL SYSTEMS DEVELOPMENT			
178	ENTERPRISE SECURITY SYSTEM (ESS)	7,929	4,229	- 3,700
179	REGIONAL INTERNATIONAL OUTREACH & PARTNERSHIP FOR PEAC	1,750	1,750	.....
180	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SY	294	294	.....
181	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	22,576	22,576	.....
182	OPERATIONAL SYSTEMS DEVELOPMENT	1,901	1,901	.....
183	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT	8,474	8,474	.....
184	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D	33,561	33,561	.....
186	PLANNING AND DECISION AID SYSTEM	3,061	1,842	- 1,219
187	CAI INTEROPERABILITY	64,921	63,341	- 1,580
189	JOINT/ALLIED COALITION INFORMATION SHARING	3,645	1,845	- 1,800
193	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	963	963	.....
194	DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION	10,186	10,186	.....
195	LONG HAUL COMMUNICATIONS (DCS)	36,883	32,383	- 4,500
196	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	13,735	13,735	.....
197	PUBLIC KEY INFRASTRUCTURE (PKI)	6,101	6,101	.....
198	KEY MANAGEMENT INFRASTRUCTURE (KMI)	43,867	43,867	.....
199	INFORMATION SYSTEMS SECURITY PROGRAM	8,957	8,957	.....
200	INFORMATION SYSTEMS SECURITY PROGRAM	146,890	156,890	+ 10,000
201	GLOBAL COMMAND AND CONTROL SYSTEM	21,503	21,503	.....
202	JOINT SPECTRUM CENTER (DEFENSE SPECTRUM ORGANIZATION)	20,342	20,342	.....
203	NET-CENTRIC ENTERPRISE SERVICES (NCES)	444	444	.....
205	JOINT MILITARY DECEPTION INITIATIVE	1,736	1,736	.....
206	TELEPORT PROGRAM	65,060	65,060	.....
210	SPECIAL APPLICATIONS FOR CONTINGENCIES	2,976	2,976	.....
215	POLICY R&D PROGRAMS	4,182	4,182	.....
216	NET CENTRICITY	18,130	18,130	.....
218	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	5,302	5,302	.....
221	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,239	3,239	.....
225	INSIDER THREAT	11,733	2,533	- 9,200
226	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	2,119	2,119	.....
234	INDUSTRIAL PREPAREDNESS	24,605	22,605	- 2,000
235	LOGISTICS SUPPORT ACTIVITIES	1,770	1,770	.....
236	MANAGEMENT HEADQUARTERS (JCS)	2,978	2,978	.....
237	MQ-9 UAV	18,151	23,151	+ 5,000
238	RQ-11 UAV	758	758	.....
240	SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEV	173,934	189,134	+ 15,200
241	SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	6,866	6,866	.....
242	SOF OPERATIONAL ENHANCEMENTS	63,008	63,008	.....
243	WARRIOR SYSTEMS	25,342	33,842	+ 8,500
244	SPECIAL PROGRAMS	3,401	3,401	.....
245	SOF TACTICAL VEHICLES	3,212	3,212	.....
246	SOF MARITIME SYSTEMS	63,597	53,137	- 10,460
247	SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	3,933	3,933	.....
248	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	10,623	10,623	.....
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	974,638	978,879	+ 4,241
999	CLASSIFIED PROGRAMS	3,564,272	3,478,272	- 86,000
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEF-WIDE	18,329,861	18,926,433	+ 596,572

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Basic Research Initiatives	42,022	72,022	+ 30,000
	Basic research program increase			+ 30,000
5	National Defense Education Program	49,453	54,453	+ 5,000
	Authorization adjustment: Basic research program increase			+ 5,000
6	Historically Black Colleges and Universities/Minority Institutions	25,834	34,334	+ 8,500
	Basic research program increase			+ 8,500
9	Biomedical Technology	114,262	111,462	- 2,800
	Improving funds management: Prior year carryover			- 2,800
12	Information & Communications Technology	356,358	338,433	- 17,925
	Improving funds management: Prior year carryover and documentation disparity			- 17,925
15	Chemical and Biological Defense Program	208,111	202,611	- 5,500
	Improving funds management: Forward financing			- 5,500
18	Tactical Technology	314,582	302,582	- 12,000
	Maintain program affordability: Program growth and new starts			- 12,000
19	Materials and Biological Technology	220,115	201,721	- 18,394
	Improving funds management: Prior year carryover			- 18,394
20	Electronics Technology	174,798	163,798	- 11,000
	Improving funds management: Prior year carryover and new starts			- 11,000
21	Weapons of Mass Destruction Defeat Technologies	155,415	150,415	- 5,000
	Improving funds management: Prior year carryover			- 5,000
26	Combating Terrorism Technology Support	71,171	111,171	+ 40,000
	Program increase			+ 40,000
28	Counter proliferation Initiatives—Proliferation Prevention and Defeat	290,654	280,654	- 10,000
	Budget documentation disparity: Poor justification materials and prior year carryover			- 10,000
31	Discrimination Sensor Technology	28,200	33,200	+ 5,000
	Transfer from line 96 for discrimination sensor technology maturation			+ 5,000
32	Weapons Technology	45,389	65,389	+ 20,000
	Transfer from line 96 for laser technology maturation			+ 10,000
	Authorization adjustment: Divert attitude control systems technology to support Multi-Object Kill Vehicle			+ 10,000
36	Agile Transportation for the 21st Century [AT21]—Theater Capability	2,679	1,706	- 973
	Improving funds management: Prior year carryover			- 973
37	Special Program—MDA Technology	64,708	13,908	- 50,800
	Program adjustment			- 50,800
38	Advanced Aerospace Systems	185,043	175,025	- 10,018
	Improving funds management: Prior year carryover			- 10,018
41	Advanced Innovative Analysis and Concepts	59,830	50,030	- 9,800
	Improving funds management: Prior year carryover and minimize growth			- 9,800
42	Common Kill Vehicle Technology	46,753	66,753	+ 20,000
	Authorization adjustment: Increase for Multi-Object Kill Vehicle			+ 20,000
45	Joint Electronic Advanced Technology	43,966	23,966	- 20,000
	Improving funds management: Prior year carryover and minimize growth			- 20,000
46	Joint Capability Technology Demonstrations	141,540	126,540	- 15,000
	Improving funds management: Prior year carryover and minimize growth			- 25,000
	Program increase: Cybersecurity technology demonstrations			+ 10,000
47	Networked Communications Capabilities	6,980	5,000	- 1,980
	Improving funds management: Prior year carryover			- 1,980
51	Emerging Capabilities Technology Development	33,515	37,515	+ 4,000
	Program increase			+ 4,000
52	Generic Logistics R&D Technology Demonstrations	16,543	14,543	- 2,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Maintain program affordability: Program growth and new starts			- 2,000
53	Deployment and Distribution Enterprise Technology	29,888	25,270	- 4,618
	Improving funds management: Prior year carryover			- 4,618
55	Microelectronics Technology Development and Support	79,037	89,037	+ 10,000
	Program increase			+ 10,000
56	Joint Warfighting Program	9,626	5,000	- 4,626
	Improving funds management: Prior year carryover			- 4,626
57	Advanced Electronics Technologies	79,021	75,985	- 3,036
	Improving funds management: Prior year carryover			- 3,036
59	Network-Centric Warfare Technology	452,861	432,861	- 20,000
	Authorization adjustment: Program growth			- 20,000
60	Sensor Technology	257,127	245,127	- 12,000
	Improving funds management: Prior year carryover			- 12,000
63	Quick Reaction Special Projects	90,500	65,500	- 25,000
	Budget documentation disparity: Poor justification materials			- 25,000
66	Engineering Science & Technology	18,377	8,377	- 10,000
	Restoring acquisition accountability: Unjustified request for engineered resilient systems			- 10,000
67	Test & Evaluation Science & Technology	82,589	94,589	+ 12,000
	Program increase			+ 12,000
68	Operational Energy Capability Improvement	37,420	42,420	+ 5,000
	Program increase			+ 5,000
70	SOF Advanced Technology Development	57,741	59,741	+ 2,000
	Program increase			+ 2,000
76	Ballistic Missile Defense Terminal Defense Segment	228,021	205,621	- 22,400
	Maintain program affordability: Software Build 4.0 excess growth at program initiation			- 22,400
78	Chemical and Biological Defense Program—Dem/Val	172,754	170,354	- 2,400
	Restoring acquisition accountability: Unjustified request for CBRN			- 2,400
85	Ballistic Missile Defense Command and Control, Battle Management and Communication	450,085	437,785	- 12,300
	Restoring acquisition accountability: Future Spirals concurrency with multiple ongoing efforts and excess growth			- 12,300
90	Israeli Cooperative Programs	102,795	267,595	+ 164,800
	Israeli Upper tier			+ 19,500
	Israeli Arrow program			+ 45,500
	Short range ballistic missile defense			+ 99,800
91	Ballistic Missile Defense Test	274,323	287,804	+ 13,481
	Transfer test from line 96			+ 13,481
92	Ballistic Missile Defense Targets	513,256	527,994	+ 14,738
	Transfer target procurement from line 96			+ 14,738
95	Department of Defense Corrosion Program	1,518	11,518	+ 10,000
	Authorization adjustment: Program increase			+ 10,000
96	Technology Maturation Initiatives	96,300	4,271	- 92,029
	Restoring acquisition accountability: Advanced Sensor Prototype Development			- 43,810
	Restoring acquisition accountability: Directed Energy Prototype Development			- 20,000
	Transfer test to line 91			- 13,481
	Transfer target procurement to line 92			- 14,738
98	Department of Defense (DOD) Unmanned Aircraft System [UAS] Common Development	3,129	7,791	+ 4,662
	Program Increase			+ 4,662
101	Defense Rapid Innovation Program		400,000	+ 400,000
	Authorization adjustment: Technology Offset Initiative			+ 400,000
103	Joint C5 Capability Development, Integration and Interoperability Assessments	25,200	21,700	- 3,500
	Budget documentation disparity: Incomplete justification materials and execution issues			- 3,500
106	Improved Homeland Defense Interceptors	278,944	298,944	+ 20,000

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Authorization adjustment: Redesigned kill vehicle development			+ 20,000
108	Aegis BMD Test	55,148	82,468	+ 27,320
	Transfer additional SM-3 Block IB flight tests: MDA requested from PDW Line #25			+ 27,320
117	Prompt Global Strike Capability Development	78,817	88,817	+ 10,000
	Authorization adjustment: Conventional Prompt Global Strike development and flight test			+ 10,000
118	Chemical and Biological Defense Program—EMD	303,647	282,147	- 21,500
	Restoring acquisition accountability: Milestone B delay for Common Analytical Laboratory system			- 10,000
	Restoring acquisition accountability: Milestone B delay for Joint Biological Aircraft Decontamination System			- 1,500
	Improving funds management: Prior year carryover			- 10,000
119	Advanced IT Services Joint Program Office [AITS-JPO]	23,424	18,424	- 5,000
	Maintain program affordability: Excess program management			- 5,000
122	Information Technology Development	12,542	12,042	- 500
	Budget documentation disparity: TBD's in justification books			- 500
123	Homeland Personnel Security Initiative	191		- 191
	Improving funds management: Prior year carryover			- 191
125	OUS(D) IT Development Initiatives	5,962	2,962	- 3,000
	Improving funds management: Forward financing and late contract awards			- 3,000
126	DOD Enterprise Systems Development and Demonstration	13,412	11,912	- 1,500
	Improving funds management: Forward financing and late contract awards			- 1,500
129	Defense Retired and Annuitant Pay System [DRAS]	13,085	10,135	- 2,950
	Restoring acquisition accountability: Delayed new start contract award			- 2,950
131	Global Combat Support System	15,158	13,794	- 1,364
	Maintain program affordability: Unjustified growth			- 1,364
132	DoD Enterprise Energy Information Management [EEIM]	4,414	3,614	- 800
	Improving funds management: Prior year carryover			- 800
135	Central Test and Evaluation Investment Development [CTEIP]	229,125	214,125	- 15,000
	Improving funds management: Prior year carryover			- 15,000
138	Joint Mission Environment Test Capability [JMETC]	45,235	40,235	- 5,000
	Improving funds management: Prior year carryover and minimize growth			- 5,000
141	Joint Integrated Air and Missile Defense Organization [JIAMDO]	35,471	32,009	- 3,462
	Improving funds management: Prior year carryover			- 3,462
142	Classified Program USD(P)		111,241	+ 111,241
	Classified program adjustment			+ 111,241
144	Systems Engineering	37,655	41,655	+ 4,000
	Program increase			+ 4,000
145	Studies and Analysis Support—OSD	3,015	2,715	- 300
	Improving funds management: Prior year carryover			- 300
148	General Support to USD (Intelligence)	2,120	1,689	- 431
	Improving funds management: Prior year carryover			- 431
159	Defense Technology Analysis	13,960	216,960	+ 203,000
	Program increase			+ 3,000
	Authorization adjustment: Assessment of major weapon system cyber vulnerabilities			+ 200,000
160	Defense Technical Information Center [DTIC]	51,775	56,775	+ 5,000
	Program increase: National security technology accelerator technology knowledge exchange			+ 5,000
161	R&D in Support of DOD Enlistment, Testing and Evaluation	9,533	7,937	- 1,596
	Improving funds management: Prior year carryover and minimize growth			- 1,596
166	Joint Staff Analytical Support	7,673	5,000	- 2,673
	Restoring acquisition accountability: Delayed new start contract award			- 2,673

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
173	COCOM Exercise Engagement and Training Transformation (CEZT2)—MHA	43,811	42,766	-1,045
	Improving funds management: Prior year carryover			-1,045
178	Enterprise Security System (ESS)	7,929	4,229	-3,700
	Restoring acquisition accountability: Contract award delay			-3,700
186	Planning and Decision Aid System (PDAS)	3,061	1,842	-1,219
	Budget documentation disparity: Poor justification material			-1,219
187	C4I Interoperability	64,921	63,341	-1,580
	Maintain program affordability: Major Range and Test Facility Base (MRTFB) infrastructure growth			-1,580
189	Joint/Allied Coalition Information Sharing	3,645	1,845	-1,800
	Improving funds management: Prior year carryover			-1,800
195	Long-Haul Communications—DCS	36,883	32,383	-4,500
	Improving funds management: Forward financing			-4,500
200	Information Systems Security Program	146,890	156,890	+10,000
	Authorization adjustment: Sharkseer enterprise email initiative increase			+10,000
225	Insider Threat	11,733	2,533	-9,200
	Transfer Insider Threat/Continuous Evaluation: DSS-requested to OMDW			-9,200
234	Industrial Preparedness	24,605	22,605	-2,000
	Restoring acquisition accountability: Contract award delay			-2,000
237	MQ-9 UAV	18,151	23,151	+5,000
	Authorization adjustment: MQ-9 capability enhancements			+5,000
240	Aviation Systems	173,934	189,134	+15,200
	Transfer C-130 TF/TA: SOCOM requested from PDW Line #54 C-130 Modifications			+7,500
	Authorization adjustment: C-130 TF/TA program adjustment			+7,700
243	Warrior Systems	25,342	33,842	+8,500
	Improving funds management: Prior year carryover			-2,000
	Program increase			+10,500
246	Maritime Systems	63,597	53,137	-10,460
	Maintain program affordability: Test and evaluation delayed due to FY2015 NDAA			-10,460
	Classified Programs	3,564,272	3,478,272	-86,000
	Classified program adjustment			-86,000

Multi-Azimuth Defense Fast Intercept Round Engagement System [MAD-FIRES].—The Committee is aware of a number of Defense Advanced Research Projects Agency [DARPA] development projects that are designed to provide in-flight guidance to small and medium caliber munitions. These projects, such as the Extreme Accuracy Tasked Ordnance [EXACTO] and MAD-FIRES, have the potential to increase direct fire accuracy and lethality while reducing associated logistical support costs. The Committee encourages the military services to leverage this maturing technology in weapon programs designed to counter multiple target sets and platforms with limited ammunition carrying capacity.

Anti-Submarine Warfare Continuous Trail Unmanned Vessel.—The fiscal year 2016 President's budget request contains funding for the Defense Advanced Research Projects Agency [DARPA] to continue work on the Anti-Submarine Warfare [ASW] Continuous-Trail Unmanned Vessel [ACTUV]. The Committee is aware of and encouraged by recent at-sea tests demonstrating the success of the autonomous command and control software aboard a surrogate test vessel. The Committee encourages the Director of DARPA and the Secretary of the Navy to complete additional testing of the auton-

omy design to ensure the successful transition of this demonstrated program.

Microelectronics Technology Development and Support.—The Committee is concerned about maintaining supply chain assurance against counterfeit microelectronic parts. Therefore, the Committee encourages the Secretary of Defense to provide quarterly updates to the Committee on its efforts to maintain a robust Trusted Foundry capacity in the United States.

Polyurethane Protective Tape on Aircraft.—In order to minimize rotary and fixed wing aircraft sustainment costs and enhance platform availability, the Department of Defense is encouraged to use polyurethane protective tapes on composite and aluminum exterior surfaces susceptible to erosion from the high speed impact of rain, sand or dust. This includes applications on both existing aircraft and new platform designs as appropriate.

Lithium-ion Battery Safety.—The Committee is aware of the need to increase research and development on materials aimed at improving lithium-ion battery safety and performance. The development of new, non-flammable electrolytes could lead to the development of lithium-ion batteries that are safer and more energy efficient. Accordingly, the Department of Defense is encouraged to develop lithium-ion battery technologies that protect soldiers and improve mission performance.

Small Business Research Initiatives.—The Committee recognizes the importance of the Small Business Innovation Research [SBIR] program and its success in commercialization from federally funded research and development projects. The SBIR program encourages domestic small business to engage in Federal research and development and creates jobs, supporting rapid growth in the smallest firms. The Committee encourages the Department of Defense to continue placing an increased focus on firms new to the SBIR program by providing resources to assist these firms, especially with government contracting and accounting.

Advanced Green Laser Ballistic Eye Protection.—The Committee understands that the Army desires laser eye protection to protect the warfighter from green laser. The Committee therefore encourages the Secretary of the Army to develop lightweight protective eyewear that provides night vision capabilities to improve soldier protection from this widespread threat.

Heat Exchange Rate Research.—The Committee encourages the Director of Defense Advanced Research Projects Agency to support research and technology development in surface design and manufacturing to increase heat exchange rates by 10 times in power generation; to alleviate icing formation on aircraft wings; to inhibit the accumulation of unwanted living organism on ships; and to inhibit bacteria growth in biomedical systems and devices. Such surfaces should be computationally designed and robustly manufactured and maintained over a wide range of engineering materials to enable super-efficient and cost-effective engineered systems.

Trusted Foundry.—The Committee is concerned with efforts of a foreign based company to acquire a U.S.-based foundry that supplies trusted microprocessors for the Department of Defense and the Intelligence Community. The Committee has been informed by the Department that near-term and long-term plans are being de-

veloped to address access to microprocessors from trusted sources. Therefore, not later than 90 days after enactment of this act, the Committee directs the Secretary of Defense to provide a report on the near-term and long-term plan to address U.S. access to trusted microprocessors.

Department of Defense Acquisition and Innovation.—The Committee is aware of the Department of Defense release of the third iteration of Better Buying Power initiative and commends the Department for its continued efforts to increase efficiency throughout the research, development, acquisition and production process. Increasing the use of prototyping and removing barriers to increase the utilization of commercial technology should reduce costs and increase technology transition to our warfighters. The Committee notes the Department's recent request for information concerning research and development projects that promote innovation in military and dual-use technologies that could support military needs and advance the capabilities of the industrial base. The Committee encourages the Department to engage in more of this type of activity and directs the Department to provide periodic updates to the congressional defense committees on progress made within these initiatives.

Mobile Applications for Military Use.—The Committee notes the increased importance of providing United States servicemembers with advancements in technology and supports Department of Defense efforts to build mobile applications and other specialized equipment. The Committee directs the Director of the Defense Information Systems Agency [DISA] to review its mobile strategy, in particular the process for delivering mobile applications that address the needs of the wide array of servicemember specializations, and submit a report to the congressional defense committees, not later than 180 days after enactment of this act. Further, the Committee recognizes the importance of small businesses in providing mobile applications for military uses and encourages DISA to engage small businesses to find these specialized solutions.

Cyber Warfare Planning Capabilities.—The Committee is concerned that current and future adversaries of the United States are working to develop technical capabilities which will utilize the entire spectrum of denial technologies, from traditional kinetic weapons to cyber and electromagnetic weapons, which could enable adversarial forces to leverage new weapons and tactics against U.S. forces. U.S. forces must be prepared to fight a full spectrum conflict, which includes cyber-attacks and electromagnetic attacks in the battlespace. The Committee encourages the Secretary of Defense to develop a cyber-kinetic training capability for special operations forces as a pilot program for incorporating cyber kinetic training into the overall training cycle. The Department, in planning and developing this training, testing, evaluation, and assessment capability, is encouraged to use existing facilities where live-fire kinetic and cyber-attacks can be conducted against live and simulated cyber infrastructure, in order to enhance warfighting capabilities and prepare service members for future threats. The Committee also recommends that the Department consult with National Nuclear Security Agency, the National Security Agency, and other US intelligence agencies, as appropriate, to develop this capa-

bility. The Department of Defense shall submit a report on its plan to develop and incorporate such training not later than 180 days after enactment of this act.

Research, Development, Test and Evaluation [RDT&E], Defense-Wide Justification Material.—The Committee is concerned with the level of detail provided by the Department of Defense to justify the fiscal year 2016 President’s budget request in the RDT&E, Defense-Wide account. The Financial Management Regulations requires that programs within budget activity 4 through budget activity 7 be required to provide additional justification material beyond the basic R–1. Having additional justification material presented with the budget submission provides for more effective oversight of the funding requested in the account. To that end, the Committee directs the Secretary of Defense and the leadership of the agencies and organizations whose funding is contained in the RDT&E, Defense-Wide account provide R–3 and R–4 data for all programs within budget activity 3. This information should be provided as part of the annual budget submission.

Anti-Tunnel Capabilities.—The Committee understands that the United States and Israel face a growing threat to their borders from tunnels, and that these tunnels could be used for criminal or terrorist purposes. Therefore, the Committee believes that the United States and Israel could potentially benefit from developing technologies to detect and counter tunnels. However, the Committee notes that the Department of Defense has not identified to the Committee a requirement for developing such a capability, nor has the Secretary of Defense established a memorandum of agreement with the Government of Israel regarding the establishment of anti-tunnel capabilities. Therefore, the Committee directs the Under Secretary of Defense for Acquisition, Technology and Logistics to provide in the near-term to the congressional defense committees an update on current anti-tunnel capabilities, including a roadmap for future capabilities.

MISSILE DEFENSE AGENCY

Missile Defense Agency [MDA] Science and Technology Initiatives.—The fiscal year 2016 budget request includes \$320,729,000 for missile defense science and technology initiatives, an increase of \$125,641,000 over amounts appropriated in fiscal year 2015. The Committee supports investment in technologies addressing future needs in a cost-effective manner; however, the Committee is concerned with MDA’s proposed plans. The Committee notes a significant increase for prototyping of systems based on immature technology, as well as significant concurrency between efforts. Further, the Committee remains concerned by the absence of defined requirements, cost targets, and realistic operational concepts. Therefore, the Committee recommends full funding for advanced technology development, but does not recommend funding for prototyping these technologies. Instead, the Committee recommends a \$15,000,000 increase for continued technology development and maturation.

Divert and Attitude Control Systems [DACS] Strategy.—The fiscal year 2016 budget request includes \$11,842,000 for the competitive development of next generation DACS technology, a reduction

of \$8,633,000, or 42 percent, from fiscal year 2015. The Committee notes that MDA has not planned any funds for the continued development of next generation DACS technology in the following fiscal years, despite that fact that according to MDA, “the DACS component is critical to making precise trajectory adjustments to position the kill vehicle for a target intercept”. The Committee notes the limited U.S. DACS industrial base, as well as significant cost savings and technology advances MDA has repeatedly garnered from having access to a competitive DACS industrial base during previous program development and acquisitions. Therefore, the Committee is concerned that MDA’s strategy to support the DACS industrial base omits investing in new DACS technologies to support future weapons programs.

In particular, the fiscal year 2016 budget request initiates the Multi-Object Kill Vehicle [MOKV] that will likely require next generation DACS technology. The Committee notes that MDA intends to award prototype concept contracts for the amount of \$25,628,000 in fiscal year 2016. The Committee directs that not more than \$6,332,000 may be obligated or expended for MOKV prototype concept contracts until the Director, MDA certifies to the congressional defense committees that MDA’s “Plan to Sustain Competitive Divergent Attitude Control System Industrial Base” is appropriately resourced in MDA’s Future Year Defense Program to meet MDA’s stated objective. The Committee recommends an additional \$10,000,000 for DACS technology to mitigate the funding shortfall in fiscal year 2016.

SM-3 Block IIA Interceptor.—The fiscal year 2016 budget request includes \$172,645,000 for continued development and the first flight test of the SM-3 Block IIA interceptor, which supports the European Phased Adaptive Approach. The Committee recommends full funding of this request. In addition, the budget requests \$136,217,000 to continue incrementally funding 17 SM-3 Block IIA flight test rounds. The Committee notes that this quantity considerably exceeds the number of rounds required for flight testing and initial fielding. The Committee further notes that these test rounds are expected to cost \$515,300,000 through fiscal year 2020. Finally, the Committee is concerned by contractual agreements MDA has committed to for these flight rounds well in advance of them being ground or flight tested. MDA has informed the Committee that renegotiating contracts for these test rounds would add costs to the program and result in a fielding delay of the European Phased Adaptive Approach Phase III. The Committee does not support such a delay and therefore does not object to the funding request in this fiscal year. However, the Committee notes that an initial production decision for the SM-3 Block IIA interceptor is scheduled for fiscal year 2017. The Committee expects to receive insight into MDA’s acquisition, contracting and budgeting strategy for initial production rounds prior to MDA entering into agreements with industry or foreign partners.

Further, the Committee directs the Under Secretary of Defense for Acquisition, Technology and Logistics to submit with the fiscal year 2017 budget request a report detailing by service and program all ongoing Department of Defense development programs with international partners, U.S. contributions by fiscal year since their

respective initiation, and status of contracts through the fiscal year 2017 Future Years Defense Program.

MDA Integrated Master Test Plan [IMTP].—The Committee understands that MDA has revised the process by which it develops its annual Integrated Master Test Plan to—amongst other goals—align more closely with the budget development and enactment process. The Committee welcomes this approach, but remains concerned with MDA’s inability to retain a stable test program and repeated in-year plan adjustments due to target failures, test failures, re-tests, and new test requirements. The Committee notes that since fiscal year 2012, MDA has executed less than 50 percent of its planned annual test program. While the Committee recognizes the need for execution year adjustments to some degree, the Committee is concerned that these constant adjustments reduce the overall quality of MDA’s test program. Further, the Committee notes that MDA has yet to submit its Integrated Master Test Plan for the upcoming year. The Committee expects the Director, MDA to continue to improve planning and execution of the MDA test program.

Sharing of Classified United States Ballistic Missile Defense Information With the Russian Federation.—The Committee remains concerned with the potential security risks associated with sharing sensitive U.S. missile defense data and technology with the Russian Federation. The Committee recognizes that existing law restricts the sharing of sensitive and classified ballistic missile defense information with the Russian Federation, as established in the National Defense Authorization Act for Fiscal Year 2015. The Committee expects the administration to continue to adhere to current law until superseded by an act authorizing appropriations for fiscal year 2016.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Appropriations, 2015	\$209,378,000
Budget estimate, 2016	170,558,000
Committee recommendation	190,558,000

The Committee recommends an appropriation of \$190,558,000. This is \$20,000,000 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:

[In thousands of dollars]

	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	RDT&E Management Support			
1	Operational Test and Evaluation	76,838	76,838	.....
2	Live Fire Test and Evaluation	46,882	46,882	.....
3	Operational Test Activities and Analyses	46,838	66,838	+ 20,000
	Program increase: Threat resource analysis .....	.....	.....	+ 9,000
	Program increase: Joint test and evaluation .....	.....	.....	+ 11,000
	Total, Operational Test and Evaluation, Defense	170,558	190,558	+ 20,000

TITLE V
 REVOLVING AND MANAGEMENT FUNDS
 DEFENSE WORKING CAPITAL FUNDS

Appropriations, 2015 \$1,649,468,000
 Budget estimate, 2016 1,312,568,000
 Committee recommendation 1,779,568,000

The Committee recommends an appropriation of \$1,779,568,000. This is \$467,000,000 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:

[In thousands of dollars]

Item	2016 budget estimate	Committee recommendation	Change from budget estimate
Supply Management	50,432	50,432	.....
Arsenal Initiative .....	.....	145,000	+ 145,000
Total, Defense Working Capital Fund, Army	50,432	195,432	+ 145,000
Supplies and Materials (Medical/Dental)	62,898	62,898	.....
Total, Defense Working Capital Fund, Air Force	62,898	62,898	.....
Defense Logistics Agency	45,084	45,084	.....
Total, Defense Working Capital Fund, Defense-wide	45,084	45,084	.....
Commissary Operations	1,154,154	1,476,154	+ 322,000
Commissary Increase .....	.....	.....	+ 322,000
Total, Defense Working Capital Fund, DECA	1,154,154	1,476,154	+ 322,000
Grand Total, Defense Working Capital Funds	1,312,568	1,779,568	+ 467,000

Meals Ready-to-Eat War Reserve.—The Committee commends the Defense Logistics Agency [DLA] for initiating action to study the Meals Ready to Eat [MRE] War Reserve and industrial base. The Committee encourages the Director of the DLA to maintain the recommendations outlined in DLA’s September 2013 Meals Ready to Eat [MRE] Strategic Plan. This plan outlined an objective to maintain a stockage level of 5,000,000 cases of MREs and projected an annual purchase rate of approximately 2,500,000 cases through 2016 to meet the stockage objective and ensure the industrial base is able to meet surge requirements. The Director of the DLA shall submit written notification to the congressional defense committees

not later than 90 days prior to seeking any potential modifications to the War Reserve after September 30, 2015.

NATIONAL DEFENSE SEALIFT FUND

Appropriations, 2015 \$485,012,000
 Budget estimate, 2016 474,164,000
 Committee recommendation 474,164,000

The Committee recommends an appropriation of \$474,164,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the budget estimate for this appropriation and the Committee recommendation:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Strategic Sealift Acquisition	15,456	15,456	.....
2	DOD Mobilization Assets	160,520	160,520	.....
3	Sealift Research and Development	25,197	25,197	.....
4	Ready Reserve Force Operations and Maintenance	272,991	272,991	.....
	Total, National Defense Sealift Fund	474,164	474,164	.....

TITLE VI
OTHER DEPARTMENT OF DEFENSE PROGRAMS
DEFENSE HEALTH PROGRAM

Appropriations, 2015 \$32,069,772,000
 Budget estimate, 2016 32,243,328,000
 Committee recommendation 32,267,914,000

The Committee recommends an appropriation of \$32,267,914,000.
 This is \$24,586,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
	DEFENSE HEALTH PROGRAM			
	OPERATION AND MAINTENANCE			
10	IN-HOUSE CARE	9,082,298	8,871,326	- 210,972
20	PRIVATE SECTOR CARE	14,892,683	14,619,830	- 272,853
30	CONSOLIDATED HEALTH SUPPORT	2,415,658	2,163,659	- 251,999
40	INFORMATION MANAGEMENT	1,677,827	1,653,614	- 24,213
50	MANAGEMENT ACTIVITIES	327,967	325,908	- 2,059
60	EDUCATION AND TRAINING	750,614	727,864	- 22,750
70	BASE OPERATIONS/COMMUNICATIONS	1,742,893	1,741,690	- 1,203
	SUBTOTAL, OPERATION AND MAINTENANCE	30,889,940	30,103,891	- 786,049
	PROCUREMENT			
160	INITIAL OUTFITTING	33,392	33,392	.....
170	REPLACEMENT AND MODERNIZATION	330,504	330,504	.....
180	THEATER MEDICAL INFORMATION PROGRAM	1,494	1,494	.....
190	INTEGRATED ELECTRONIC HEALTH RECORD (IEHR)	7,897	.....	- 7,897
	SUBTOTAL, PROCUREMENT	373,287	365,390	- 7,897
	RESEARCH DEVELOPMENT TEST AND EVALUATION			
90	RESEARCH	10,996	10,996	.....
100	EXPLORATORY DEVELOPMENT	59,473	59,473	.....
110	ADVANCED DEVELOPMENT	231,356	231,356	.....
120	DEMONSTRATION/VALIDATION	103,443	103,443	.....
130	ENGINEERING DEVELOPMENT	515,910	506,942	- 8,968
140	MANAGEMENT AND SUPPORT	41,567	41,567	.....
150	CAPABILITIES ENHANCEMENT	17,356	17,356	.....
160	UNDISTRIBUTED MEDICAL RESEARCH .....	.....	827,500	+ 827,500
	SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION	980,101	1,798,633	+ 818,532
	TOTAL, DEFENSE HEALTH PROGRAM	32,243,328	32,267,914	+ 24,586

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

Item	2016 budget estimate	Committee recommendation	Change from budget estimate
Operation and Maintenance	30,889,940	30,103,891	- 786,049
In-House Care	9,082,298	8,871,326	- 210,972
Improving funds management: Unjustified restoration of fiscal year 2015 congressional reductions			- 59,125
Improving funds management: TRICARE consolidation not authorized			- 29,719
Improving funds management: Pharmacy co-pay increases not authorized			- 30,528
Improving funds management: Overestimation of civilian full-time equivalent targets			- 87,300
Improving funds management: Travel excess growth			- 4,300
Private Sector Care	14,892,683	14,619,830	- 272,853
Improving funds management: Historical underexecution			- 263,100
Improving funds management: TRICARE consolidation not authorized			- 9,753
Transfer within BAG 2: TRICARE consolidation not authorized			- 45,528
Transfer within BAG 2: Pharmacy co-pay increases not authorized			+ 45,528
Consolidated Health Care	2,415,658	2,163,659	- 251,999
Improving funds management: Unjustified restoration of fiscal year 2015 congressional reductions			- 159,249
Improving funds management: Historical underexecution			- 92,750
Information Management/IT	1,677,827	1,653,614	- 24,213
Improving funds management: Unjustified restoration of fiscal year 2015 congressional reductions			- 23,013
Improving funds management: iEHR Department-identified excess to requirement			- 1,200
Management Activities	327,967	325,908	- 2,059
Improving funds management: Unjustified restoration of fiscal year 2015 congressional reductions			- 2,059
Education and Training	750,614	727,864	- 22,750
Improving funds management: Historical underexecution			- 22,750
Base Operations and Communications	1,742,893	1,741,690	- 1,203
Improving funds management: Unjustified restoration of fiscal year 2015 congressional reductions			- 1,203
Procurement	373,287	365,390	- 7,897
Improving funds management: iEHR Department-identified excess to requirement			- 7,897
Research and Development	980,101	1,798,633	+ 818,532
Improving funds management: iEHR Department-identified excess to requirement			- 8,968
Peer-reviewed breast cancer research			+ 120,000
Peer-reviewed cancer research			+ 50,000
Peer-reviewed epilepsy research			+ 7,500
Peer-reviewed medical research			+ 278,700
Peer-reviewed ovarian cancer research			+ 10,000
Peer-reviewed prostate cancer research			+ 64,000
Peer-reviewed traumatic brain injury and psychological health research			+ 60,000
Joint warfighter medical research			+ 50,000
Orthotics and prosthetics outcomes research			+ 10,000
Core research funding			+ 177,300
Total	32,243,328	32,267,914	+ 24,586

Restoration of Fiscal Year 2015 Reductions.—The Committee was dismayed to find the fiscal year 2016 budget restored all of the con-

gressional reductions in the Department of Defense Appropriations Act, 2015. The Committee was deliberate in its conference negotiations and believes that the restoration of prior year cuts creates an artificial baseline on which to build the following year's budget. In order to reassert congressional intent and create a more accurate baseline for fiscal year 2016, the Committee recommendation includes a total reduction of \$267,399,000 to the budget request.

Defense Health Program Reprogramming Procedures.—The Committee remains concerned regarding the transfer of funds from the In-House Care budget sub-activity to pay for contractor-provided medical care. To limit such transfers and improve oversight within the Defense Health Program operation and maintenance account, the Committee includes a provision which caps the funds available for Private Sector Care under the TRICARE program subject to prior approval reprogramming procedures. The provision and accompanying report language should not be interpreted by the Department as limiting the amount of funds that may be transferred to the Direct Care System from other budget activities within the Defense Health Program. In addition, the Committee continues to designate the funding for the In-House Care budget sub-activity as a special interest item. Any transfer of funds from the In-House Care budget sub-activity into the Private Sector Care budget sub-activity or any other budget sub-activity will require the Secretary of Defense to follow prior approval reprogramming procedures for operation and maintenance funds.

The Committee directs the Secretary of Defense to provide written notification to the congressional defense committees of cumulative transfers in excess of \$10,000,000 out of the Private Sector Care budget sub-activity not later than 15 days after such a transfer. The Committee further directs the Assistant Secretary of Defense (Health Affairs) to provide quarterly reports to the congressional defense committees on budget execution data for all of the Defense Health Program budget activities and to adequately reflect changes to the budget activities requested by the services in future budget submissions.

Carryover.—For fiscal year 2016, the Committee recommends 1 percent carryover authority for the operation and maintenance account of the Defense Health Program. The Committee directs the Assistant Secretary of Defense (Health Affairs) to submit a detailed spending plan for any fiscal year 2015 designated carryover funds to the congressional defense committees not less than 30 days prior to executing the carryover funds.

Private Sector Care Underexecution.—According to a review by the Government Accountability Office, the Department under-executed its Private Sector Care budget by \$1,463,178,000 in fiscal year 2012, \$519,427,000 in fiscal year 2013 and \$481,654,000 in fiscal year 2014 for an average of 5.3 percent underexecution. Given the continued trend of prior-year underexecution, the Committee believes that additional savings can be realized and recommends a reduction of \$263,100,000 to the fiscal year 2016 budget request. The Committee urges the Department to submit future year budgets that are more closely aligned with recent provided care patterns.

The Committee recognizes the fiscal challenge posed by the rapidly increasing costs of compound pharmaceuticals and understands the Department has recently implemented an automated screening and prior authorization process in an attempt to rein in these costs. While there are likely additional savings in the Private Sector Care account for both historical underexecution and the restoration of prior year reductions, the Committee recognizes the dynamic nature of the compound pharmaceuticals issue and accordingly recommends only moderate reductions.

Electronic Health Record.—The Committee remains concerned about the progress being made by the Departments of Defense and Veterans Affairs to develop fully interoperable electronic health records. The ultimate goal of the efforts of both Departments is to have systems that can exchange data in a meaningful way and be used in a dynamic environment to improve patient care and facilitate smoother transitions for servicemembers from military service to veteran status.

The Committee appreciates the Department's improvements in providing information on prior year budgets and expenditures on its electronic health record as well as an equivalent level of detail for the fiscal year 2016 budget request. The Committee directs the Program Executive Officer [PEO] for the Defense Healthcare Management Systems Modernization [DHMSM] program to provide quarterly reports to the congressional defense committees and the Government Accountability Office on the cost and schedule of the program, to include milestones, knowledge points and acquisition timelines, as well as quarterly obligation reports. These reports should also include the following: (1) any changes to the deployment timeline, including benchmarks, for full operating capability; (2) any refinements to the cost estimate for full operating capability and the total life cycle cost of the project; (3) an assurance that the acquisition strategy will comply with the acquisition rules, requirements, guidelines and systems acquisition management practices of the Federal Government; (4) the status of the effort to achieve interoperability between the electronic health record systems of the Department of Defense and the Department of Veterans Affairs, including the scope, cost, schedule, mapping to health data standards and performance benchmarks of the interoperable record; and (6) the progress toward developing, implementing and fielding the interoperable electronic health record throughout the two Departments' medical facilities. The Committee further directs the PEO DHMSM to continue briefing the House and Senate Defense Appropriations Subcommittees on a quarterly basis, coinciding with the report submission. Given that full deployment of the new electronic health record is not scheduled until fiscal year 2022, the Committee expects the Department to continue working on interim modifications and enhancements to the current system to improve interoperability in the short-term.

The Committee also directs the Department of Defense to provide written notification to the Committees on Appropriations of the House and Senate prior to obligating any contract, or combination of contracts, for electronic health record systems in excess of \$5,000,000.

Finally, the Committee directs the Interagency Program Office to continue to provide quarterly briefings to the House and Senate Subcommittees on Appropriations for Defense and Military Construction, Veterans Affairs, and Related Agencies regarding standards development, how those standards are being incorporated by both DOD and VA and the progress of interoperability between the two Departments. In an effort to ensure government-wide accountability, the Committee also directs the DOD in coordination with the VA to provide the Federal Chief Information Officer of the United States with monthly updates on progress made by the two Departments to reach interoperability and modernize their respective electronic health records.

Traumatic Brain Injury [TBI]/ Psychological Health.—The Committee recommends \$60,000,000 above the fiscal year 2016 budget request for continued research into treatment, prevention and detection of traumatic brain injuries and improved psychological health. The Committee directs the Assistant Secretary of Defense (Health Affairs) to submit a report to the congressional defense committees not later than 180 days after enactment of this act on expenditure and obligation data of additional funding added by Congress for psychological health and traumatic brain injury. This report should include information on agreements made with other government agencies.

Additionally, the Committee is aware of recent medical advances in drug development for neurodegenerative diseases and encourages the Department to further its research into developing drugs that reverse, halt, or slow the neurodegenerative process associated with traumatic brain injury. The Committee is also aware of advances in diagnostic and mapping tools developed to better understand the cellular extent of TBI. These advances could lead to more effective protective gear that minimizes or eliminates the damage associated with TBI, and the Committee encourages the Department to continue its research in these areas.

Peer-Reviewed Medical Research Program.—The Committee recommends \$278,700,000 for the 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. Research areas considered under this funding are restricted to: acute lung injury, amyotrophic lateral sclerosis, antimicrobial resistance, autism, chronic migraine and post-traumatic headache, congenital heart disease, constrictive bronchiolitis, diabetes, dystonia, emerging infectious diseases, focal segmental glomerulosclerosis, Fragile X syndrome, gulf war illness, hepatitis B, hereditary angioedema, hydrocephalus, inflammatory bowel disease, influenza, integrative medicine, interstitial cystitis, lupus, malaria, metals toxicology, mitochondrial disease, multiple sclerosis, nanomaterials for bone regeneration, neurofibromatosis, non-opioid pain management, orthopedics, pancreatitis, Parkinson's, pathogen-inactivated dried plasma, polycystic kidney disease, post-traumatic osteoarthritis, psychotropic medications, pulmonary fibrosis, reconstructive transplantation, respiratory health, Rett syndrome, rheumatoid arthritis, scleroderma, sleep disorders, spinal cord injury, tinnitus, tuberculosis, tuberous sclerosis complex, vac-

cine development for infectious disease, vascular malformations, vision and women's heart disease. The Committee emphasizes that the additional funding provided under the Peer-Reviewed Medical Research Program shall be devoted only to the purposes listed above.

Joint Warfighter Medical Research Program.—The Committee recommends \$50,000,000 for the Joint Warfighter Medical Research Program. Funds shall be used to augment and accelerate high priority Department of Defense and service medical requirements and to continue prior year initiatives that are close to achieving their objectives and yielding a benefit to military medicine. These funds shall not be used for new projects or basic research, and they shall be awarded at the discretion of the Secretary of Defense following a review of medical research and development gaps, as well as unfinanced medical requirements of the services. Further, the Committee directs the Assistant Secretary of Defense (Health Affairs) to provide a report not later than 180 days after the enactment of this act to the congressional defense committees, which lists the projects that receive funding. The report should include the funding amount awarded to each project, a thorough description of each project's research and the benefit the research will provide to the Department of Defense.

Peer-Reviewed Cancer Research Programs.—The Committee recommends \$120,000,000 for the peer-reviewed breast cancer research program, \$64,000,000 for the peer-reviewed prostate cancer research program, \$10,000,000 for the peer-reviewed ovarian cancer research program and \$50,000,000 for the peer-reviewed cancer research program that would research cancers not addressed in the aforementioned programs currently executed by the Department of Defense.

The funds provided in the peer-reviewed cancer research program are directed to be used to conduct research in the following areas: colorectal cancer, immunotherapy, kidney cancer, liver cancer, melanoma, mesothelioma, neuroblastoma, pancreatic cancer, pediatric brain tumors and stomach cancer.

The funds provided under the peer-reviewed cancer research program shall be used only for the purposes listed above. The Committee directs the Assistant Secretary of Defense (Health Affairs) to provide a report not later than 180 days after the enactment of this act to the congressional defense committees on the status of the peer-reviewed cancer research program. For each research area, the report should include the funding amount awarded, the progress of the research and the relevance of the research to servicemembers.

The Committee is aware of increasingly effective technological advancements for the treatment of cancer, including advanced screening tools that promise better, individually-tailored, cost-effective treatment regimens. The Committee encourages the Department to continue research in pharmacogenomics, bioinformatics and related areas to further improve treatment options for service personnel and their families.

Orthotics and Prosthetics Outcomes Research.—The Committee recommends \$10,000,000 in support of orthotics and prosthetics outcomes research and directs the Assistant Secretary of Defense

(Health Affairs) to provide a report not later than 180 days after the enactment of this act to the congressional defense committees on the peer-reviewed projects that receive funding. The report should include the funding amount awarded to each project and the anticipated effect on patient care.

Collaboration on Medical Research.—The Committee understands that the Department is continuing to work with the National Institutes of Health [NIH] on furthering a pilot program to share Department of Defense research data into Federal Research Portfolio Online Reporting Tools Expenditures and Results [REPORTER]. The Committee continues to support this effort to share medical research data across Federal agencies and encourages the Department to require its use across the services to ensure all Department research data is entered into Federal RePORTER. Additionally, the Department should provide appropriate resources, both in amount and type of appropriation, in future budget submissions to carry out this effort.

Last year, the Committee directed the Department to contract with the Institute of Medicine to evaluate the Congressionally Directed Medical Research Program and provide a report to the congressional defense committees within 12 months. This report will include an evaluation of the Congressionally Directed Medical Research Program's two-tiered peer review process, its coordination of research priorities with NIH and recommendations for how the process can be improved. The Committee looks forward to receiving this report in its efforts to continue to ensure that Government investments in medical research are maximized.

Mental Health Professionals.—The Committee recognizes that servicemembers and their families face unique stresses beyond those of everyday life. After over a decade of war, the need for mental health professionals in the Department is at an all-time high, and the Committee believes that every beneficiary of the Military Health System should have timely access to mental health services. However, the Committee is concerned with the Department's inability to recruit and retain enough psychiatrists, psychologists, social workers, nurse practitioners and registered nurses to provide adequate mental healthcare. The Government Accountability Office [GAO] review of this issue found that progress is being made regarding the annual reporting of mental health professional staffing needs. However, GAO also noted that the services need to accurately report any additional measures used to supplement the Psychological Health Risk-Adjusted Model for Staffing [PHRAMS] as well as report their PHRAMS-generated estimates in the requirements fields of the Defense Health Agency's [DHA] quarterly mental health staffing reports. The Committee encourages the Assistant Secretary of Defense (Health Affairs), the Director of the Defense Health Agency, and the Service Surgeons General to continue to work together to ensure annual estimates of mental health professionals meet the needs of all beneficiaries in the military health system. In addition, the Assistant Secretary of Defense (Health Affairs) is directed to prepare as part of DHA's fiscal year 2017 budget submission a review of these estimates as well as an outline of current challenges in recruiting and retaining mental health professionals by the Department of Defense.

Brain Tissue Repository.—The Committee applauds the Department's recent efforts in advancing the study and treatment of traumatic brain injury in servicemembers by partnering with the National Institutes of Health to create the world's first human brain tissue repository for military personnel at the Uniformed Services University of the Health Sciences. Last year, the Committee directed the Assistant Secretary of Defense (Health Affairs) to provide a report outlining strategies for overcoming roadblocks to post-mortem brain donation in the military. The Committee looks forward to receiving this report and working with the Department to advance this research to improve the protection and care of servicemembers.

Transfer of Service Treatment Records to the Department of Veterans Affairs [VA].—The Consolidated Appropriations Act, 2014 directed the Department of Defense Inspector General to work in coordination with the VA Office of the Inspector General to assess the time it takes for Service Treatment records to be transmitted to VA, impediments to providing the records in a useable electronic format and recommendations to streamline this process. The Department of Defense Inspector General found that the Department of Defense did not consistently transfer timely and complete service treatment records to the VA, likely contributing to delays in processing veterans' benefit claims. The Inspector General recommended that the Under Secretary of Defense for Personnel and Readiness, in coordination with the Director, Defense Health Agency, revise Department of Defense Instruction 6040.45, "Service Treatment Record [STR] and Non-Service Treatment Record Life Cycle Management," October 28, 2010, to update the process for certifying STRs as complete and require the Military Departments to perform annual reviews of STRs with servicemembers to achieve STR completeness. It was further recommended that the Commander, U.S. Army Medical Command and the Commander, U.S. Navy Bureau of Medicine and Surgery identify and resolve inefficiencies in the STR transfer process that delay the timely processing of STRs for active duty and Reserve Component personnel.

The Committee directs the Secretary of Defense to implement these recommendations and report back to the congressional defense committees not later than 90 days after the enactment of this act on the status of their implementation.

Global Health.—The Committee recognizes the critical contribution that the Department of Defense research and development [R&D] portfolio makes in protecting servicemembers from infectious diseases they may encounter on missions around the world and the need to sustain and support U.S. investment in this area by fully funding R&D programs that carry out this work within the Department of Defense Health Program, Department of the Army and Department of the Navy Research, Development, Test and Evaluation budgets.

The statement of managers accompanying the Department of Defense Appropriations Act, 2015 required the director of each program within the Department currently involved in infectious disease-related research to submit a report on the program's R&D activities from fiscal years 2011 through 2014, including funding, accomplishments, goals and funding requirements across the Future

Years Defense Program. The Committee looks forward to receiving this initial report and directs the Department to submit a report to the congressional defense committees not later than 180 days after the enactment of this act with the same criteria for fiscal year 2015 funding.

Additionally, the Committee continues to recognize that the Department's global health engagements support combatant commanders' efforts to build the capacity of partner nations, manage and respond to local health challenges and promote regional stability by increasing access to basic health services. The Committee encourages the Assistant Secretary of Defense (Health Affairs), in collaboration with the Uniformed Services University of Health Sciences, to establish a learning tool to assess the efficiency and effectiveness of global health engagements in meeting national security goals. The Committee further encourages the Department to fund this modest investment from within appropriated funds in order to better inform future investments in global health engagements.

Military Readiness and Resilience through Total Force Fitness and the Healthy Base Initiative.—The Committee understands that the Department has potentially overarching, yet nascent, programs that could dramatically enhance recruitment, retention, readiness and resilience for the entire military community. Chief among those programs are Total Force Fitness [TFF] and the Healthy Base Initiative [HBI]. TFF is a framework for building and maintaining health, readiness and performance. It views health, wellness and resilience as a holistic concept where optimal performance requires a connection among mind, body, spirit and family and social relationships. HBI complements TFF by strengthening elements of healthy military communities with a focus on the prevention of obesity and reduction in tobacco use. HBI was launched in 2013 and is currently operating at 14 military sites.

These programs and the implementation of a Department vision for individual well-being and resilience would greatly benefit from stronger centralized, empowered governance and focused integration. The Committee strongly encourages the Department to create an office reporting directly to the Secretary of Defense, with authorities and access across the services, Joint Staff and all Offices of the Secretary. This office should be guided by TFF to promote system-wide behavior, policy and practice changes to achieve personal and population fitness, readiness and resilience.

Further, the Committee encourages the designation of the Uniformed Services University of the Health Sciences' Consortium of Health and Military Performance [CHAMP] as the lead organization for the development of the evidence base, education and evaluation of TFF and HBI integration to ensure enhancement of recruitment, retention, readiness and resilience. The Committee supports the development and execution of a pilot program involving six of the HBI sites whereby health tracking technologies are employed and the wellbeing impact of those technologies is monitored and evaluated by the participating bases and CHAMP. The Committee recommends \$3,000,000 in Operation and Maintenance, Defense-wide for the Healthy Base Initiative to support a health tracking technologies pilot program.

Reconstructive Transplantation.—The Committee understands that the science of hand, face and other complex transplants is at a critical juncture and achieving life-changing results for both servicemembers and civilians. This rapidly growing discipline greatly benefits from collaboration among institutions, surgeons and investigators, and the Committee encourages the Department to promote multi-institutional and intra-institutional multidisciplinary collaborations among clinicians and research scientists that accelerate the movement of promising ideas in reconstructive composite tissue transplantation into clinical applications. The Committee includes reconstructive transplantation as eligible to compete for funds in the Peer-Reviewed Medical Research Program and supports this important research to improve access to reconstructive transplants and state-of-the-art immunotherapy.

Integration of Complementary and Alternative Therapies into Military Health Care.—The Committee recognizes the Department's efforts to date to integrate complementary and alternative [CAM] therapies into military healthcare. However, the Department's 2014 Integrative Medicine in the Military Health Care System Report to Congress noted that only 29 percent of the reporting military treatment facilities offered CAM programs. While the report outlined the Department's established processes for inclusion of therapies in TRICARE benefits, there has been little activity to apply those processes to CAM.

The report also noted that the lack of system-wide guidance contributes to this patchwork of coverage, which has relied on individual providers on their own initiative to add CAM therapies as an adjunct to conventional therapies. This patchwork denies many patients access to a holistic, patient-centered approach to patient treatment and management. Patients seek CAM therapies for a number of valid reasons including a desire to play a more active and participative role in their health and healthcare and engage in a more patient-centered approach to care.

The Committee strongly encourages the Department to hold to its commitment to systematically evaluate all medical therapies for safety and effectiveness, to identify CAM therapies for widespread implementation in the military health system and the TRICARE benefit and to report to Congress on known barriers to and facilitators for full integration of CAM therapies.

Improving Military Medicine's Management of Pain.—Recent scientific journals have highlighted the well-established fact that substantial numbers of servicemembers are experiencing chronic pain as a result of their military service. One journal reported that of over 2,500 servicemembers that had recently returned from Iraq or Afghanistan, 44 percent reported chronic pain and 15 percent reported recent use of opioid pain relievers—nearly four times the reported recent use by civilians.

The Department has solidified the Uniformed Services University of the Health Sciences' Defense and Veterans Center for Integrative Pain Management [DVCIPM] as its proponent for world-class pain management services for military and Veterans Affairs beneficiaries and for the development of consensus recommendations for Department-wide improvements in pain medicine policies, practice, education and research. DVCIPM has also been tasked with ad-

addressing the many recommendations of the Army Pain Management Task Force for a comprehensive pain management strategy that utilizes state of the art science modalities and technologies to address acute and chronic pain of servicemembers and other patients.

Complementary and alternative [CAM] therapies are now recognized as vital among those modalities for the treatment of pain for their efficacy, broad patient acceptance, minimal adverse effects and low cost. Yet the development of system-wide policies and practices for their integration remains unfulfilled. The Committee strongly encourages DVCIPM to accelerate the research on and integration of CAM therapies for the management of pain and directs the Assistant Secretary of Defense (Health Affairs) to provide a report to the congressional defense committees not later than 180 days after enactment of this act on the status of their integration.

Medical Defense Against Infectious Disease.—The Committee recognizes the importance of medical countermeasures to naturally occurring infectious diseases and tropical infectious diseases, such as malaria, Dengue and Chikungunya viruses. These pose a significant threat to the strategic access and operational effectiveness of forces deployed outside the United States. The Committee is concerned with the Department's decisions over recent years to precipitously decrease funding for malaria research and encourages the Department to address diseases of military importance and invest in research for chemoprophylaxis, surveillance, novel approaches to vaccine development and other countermeasures. The Committee urges the Department to partner with colleges and universities that have strong research programs in infectious diseases, as well as other Federal agencies, foreign governments, international agencies and nonprofit organizations to mitigate duplication of effort and maximize the use of Department resources.

Additionally, several emerging infectious diseases and flu epidemics have taken the global community by surprise over the last few decades, including SARs, H1N1 and Ebola. Disease surveillance, rapid detection, outbreak response and epidemiology are essential to providing an early warning of emerging infectious disease threats to servicemembers abroad and global health security in general. The Committee recommends an additional \$177,300,000 for core Defense Health Program research and encourages the Department to continue its investments in these efforts, including tropical infectious diseases and the development of a universal flu vaccine.

Trauma Clinical Research Network.—The Committee understands that trauma is the leading cause of death of all Americans from birth through age 46, causing more deaths in this age group than all other causes combined. Deaths of American servicemembers in the Iraq and Afghanistan wars, the majority from traumatic injury, totaled nearly 7,000 as of January 2015. The Committee encourages the Assistant Secretary of Defense (Health Affairs) and the Director of the Defense Health Agency to work with other Federal agencies focused on trauma research to establish a task force to identify the priorities for and gaps in trauma research. The Committee supports the Department's continued efforts to further advances in trauma care and understands that the

Department has budgeted resources to promote the compilation of lessons learned on the battlefield and in civilian life. These efforts should leverage multi-institution clinical studies at a network of civilian and military trauma centers. The Committee understands that the Department is initiating this program in fiscal year 2015 and encourages the Department to allocate sufficient resources for the program in future budget submissions.

Warfighter Respiratory Health.—The Committee understands that respiratory diseases affect more than 100,000 servicemembers each year and is concerned about respiratory ailments among deployed and returning servicemembers. Beyond the decreased quality of life for affected servicemembers, respiratory diseases result in almost 27,000 lost workdays per year. The Committee encourages the Department to provide adequate resources for research on respiratory health.

Epilepsy Research.—The Committee is concerned about the large number of service men and women returning from the Persian Gulf Wars and Afghanistan who have sustained traumatic brain injuries [TBI] and the long term consequences of TBI. These wounded warriors are at high risk for developing posttraumatic epilepsy, depression, cognitive difficulties and posttraumatic stress disorder, which may be interconnected. As current TBI longitudinal studies have not included epilepsy, the Committee encourages the Department to place greater priority and invest more funding in longitudinal epidemiological research, including epilepsy surveillance, to better understand the magnitude of the problem and improve patient care and outcomes. To assist in these efforts, the Committee recommends \$7,500,000 in support of epilepsy research. Additionally, the Committee urges the Department to expand research into the mechanisms by which brain injury produces epilepsy and research directed at the prevention of epilepsy and concomitant comorbidities in those known to be at high risk.

Melanoma Research.—The Committee understands that melanoma diagnoses are increasing among active duty servicemembers and that melanoma is the fifth most common cancer among veterans. Recent research suggests that exposure to high levels of solar radiation in young adulthood is associated with a higher risk of melanoma mortality. Given the extreme and harsh conditions servicemembers face in theater and the rise of this aggressive and frequently deadly form of cancer, the Committee encourages the Department to continue its investments in melanoma research.

Sleep Disorder Research.—The Committee recognizes that sleep disorders are increasingly prevalent among servicemembers and that such disruptions have been associated with diverse mental and physical disorders, including traumatic brain injury and posttraumatic stress. The Committee applauds the Army for acknowledging the importance of sleep in achieving optimal physical, mental and emotional health and including sleep as a focus in the Performance Triad. In support of this effort, the Committee urges the Department to support basic, translational and clinical research on how the disruption of normal sleep and circadian biological rhythms adversely affects the health, safety, performance and productivity of our military and civilian populations.

Prescription Effectiveness of Psychotropic Medications.—The Committee supports the Department's efforts to treat patients diagnosed with behavioral health disorders and believes that the ongoing efforts to use database-supported methods in order to increase the accuracy and effectiveness of prescription practices for mental health medications may not only achieve cost savings but also improve patient care. The Committee encourages the expansion of this research to additional sites as preliminary findings have shown promising results.

Active Barrier Apparel.—The Committee encourages the Department to incorporate commercially available, effective technologies, including innovative textile products, to reduce opportunities for spreading infections in healthcare settings. Healthcare acquired infections result in significant additional costs and jeopardize patient care. The Committee understands that emerging apparel technologies may minimize the effect of unanticipated exposures to blood and body fluids, subsequently reducing exposure to pathogens, and supports their use as a means to reduce infection risk in healthcare settings.

Hydrocephalus Research.—The Committee is concerned that some of the estimated 294,000 servicemembers who have sustained a traumatic brain injury in Operation Enduring Freedom and Iraqi Freedom are at higher risk for developing hydrocephalus. Hydrocephalus, an increased accumulation of fluid in the brain, often has a delayed onset and can easily be misdiagnosed as dementia or other aging related diseases. Given that there is currently no cure for hydrocephalus and current treatment options are limited and have high failure rates, the Committee encourages the Department to increase its investments in hydrocephalus research.

Biomarkers for Toxic Exposures.—The Committee recognizes that hazardous exposures cost the Departments of Defense and Veterans Affairs billions of dollars annually in medical care, reduce servicemember performance and create a multitude of health compensation claims. Identifying biomarkers for toxic or psychologically traumatic exposures could allow for faster diagnosis and treatment of a number of exposure-related conditions among military and veteran populations. The Committee supports research efforts that capitalize on recent advances in chemical surveillance and systems biology including proteomics, genomics and metabolomics.

Speech Disorder Healthcare Services.—The Committee understands that many military members and veterans suffer from neurogenic stuttering, a condition that can arise due to head trauma or brain injury in adults who have not previously been affected by the speech disorder. The needs of servicemembers and their dependents who struggle with stuttering may not be fully met due to insufficient TRICARE reimbursement for evidence-based speech language healthcare services that address stuttering. Therefore, the Committee directs the Assistant Secretary of Defense (Health Affairs) to provide a report not later than 180 days after the enactment of this act to the congressional defense committees on the availability of evidence-based speech language healthcare services to treat stuttering, including the number of affected members of the military and dependents served, the type and frequency of serv-

ices provided, the level of coverage provided for these services under TRICARE plans, the number of available providers by region and whether reimbursement levels are sufficient to retain qualified providers and to provide sufficient accessibility of services in the TRICARE network.

Behavioral and Mental Health Care for National Guard and Reserve.—The Committee recognizes that the men and women of the National Guard and Reserve components need greater access to care if they are to maintain a high state of medical readiness to support regularly occurring deployments. It also recognizes that the suicide rate in the reserve components is consistently higher than the suicide rate for both the active duty military and the civilian population. Therefore, the Committee encourages the Department to better ensure that periodic health assessments are followed by medical treatment to address any behavioral or mental health conditions that could impact a servicemember's ability to deploy, even if such care falls outside of the pre-deployment window. This practice would allow for a more medically ready, deployable force and would expand access to behavioral and mental healthcare for reserve component servicemembers.

Biological Dosimetry Network for Radiological/Nuclear Events.—The Committee is concerned that the detonation of a nuclear weapon at a Department of Defense facility or in a combat zone has the potential to expose numerous military and civilian personnel to radiation and non-radiation effects. This type of event could overwhelm medical personnel unless effective triage is in place. A biosimetry network could provide an estimate of the radiation dose an individual actually received and would clearly identify those in need of further treatment. The Committee understands that the Department is in the process of developing a biosimetry network and encourages the expeditious development and testing of such a network. Further, the Department should coordinate its efforts with the Departments of Health and Human Services, Homeland Security, the Food and Drug Administration and other agencies as appropriate.

Operational Risk Management of Deployment Exposures.—The Committee understands that the Department's Occupational and Environmental Health Site Assessment [OEHSA] Tactics, Techniques and Procedures lays the foundation for a comprehensive occupational and environmental health exposure risk management program. This program anticipates, evaluates and mitigates health exposure threats during deployments. However, recent reports indicate the absence of a systematic and unified approach to occupational and environmental health exposure mitigation, prevention, avoidance and documentation. The Committee encourages the Department to ensure that all services develop a standard operating procedure and utilize uniform subject matter expertise, equipment platform and training programs so that realistic preventative courses of action are provided to servicemembers throughout the entire deployment cycle. The establishment of a uniform OEHSA program will minimize unnecessary exposures, reduce healthcare and disability costs, lower operational stress and provide deploying warriors the most advanced force health protection possible.

Large Patient Cohorts in Cancer Research.—The Committee acknowledges that the pace of cancer research and its value to military personnel may be enhanced through the use of patient data, such as tissue and genomic information, derived from large patient cohorts. The inclusion of military population cohorts, long-term health records, bio-specimen repositories and pre-existing consents for both current and future research could further enhance such research; and the Committee encourages the Department to support worthy cancer research proposals that leverage these types of data resources

Real-Time Locating System [RTLS] Technology.—The Committee understands that automated resource management systems may improve patient care in both normal and emergency situations and that the U.S. Army Medical Research and Materiel Command and Telemedicine Advanced Technology Research Center have begun research to define, exercise and refine best practices for management of blast injury mass casualty disasters through the use of RTLS technology. The Committee encourages the Department to continue this research and directs the Assistant Secretary of Defense (Health Affairs) to provide an update to the congressional defense committees not later than 120 days after enactment of this act detailing these research efforts to date.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Appropriations, 2015	\$802,268,000
Budget estimate, 2016	720,721,000
Committee recommendation	699,821,000

The Committee recommends an appropriation of \$699,821,000. This is \$20,900,000 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:

[Dollars in thousands]

	Item	Qty.	2016 budget estimate	Qty.	Committee recommendation	Change from	
						Qty.	Budget estimate
	CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE						
1	CHEM DEMILITARIZATION—OPERATION AND MAINTENANCE		139,098		118,198		— 20,900
3	CHEM DEMILITARIZATION—PROCUREMENT		2,281		2,281		
2	CHEM DEMILITARIZATION—RESEARCH, DEVELOPMENT, TEST AND EVALUATION		579,342		579,342		
	TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE		720,721		699,821		— 20,900

COMMITTEE RECOMMENDED ADJUSTMENTS

The following table details the adjustments recommended by the Committee:

[In thousands of dollars]

	2016 budget estimate	Committee recommendation	Change from budget estimate
Chemical Demilitarization O&M	139,098	118,198	-20,900
Improving funds management: Recovered chemical warfare material project excess to need			-20,900

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

Appropriations, 2015	\$950,687,000
Budget estimate, 2016	850,598,000
Committee recommendation	1,013,598,000

The Committee recommends an appropriation of \$1,013,598,000. This is \$163,000,000 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:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
10	Drug Interdiction And Counter Drug Activities	739,009	681,109	-57,900
	Authorization adjustment: SOUTHCOM operational support			+30,000
	Transfer to National Guard Counter-Drug Program			-82,900
	Transfer to National Guard Counter-Drug Schools			-5,000
20	Drug Demand Reduction Program	111,589	119,589	+8,000
	Authorization adjustment: Expanded drug testing			+8,000
30	National Guard Counter-Drug Program		192,900	+192,900
	Transfer from Drug Interdiction And Counter Drug Activities			+82,900
	Program increase			+110,000
30A	National Guard Counter-drug schools		20,000	+20,000
	Transfer from Drug Interdiction And Counter Drug Activities			+5,000
	Program increase			+15,000
	Total, Drug Interdiction and Counter-Drug Activities	850,598	1,013,598	+163,000

National Guard Counter-Drug Program.—The Committee remains concerned that the Department continues to reduce overall funding for the National Guard Counter-Drug program, and disagrees with the fiscal year 2016 President's budget request which does not fund these activities under an independent budget line as contained in Senate Report 113-211. The Committee recommends \$192,900,000 for the National Guard Counter-Drug program and urges the Department to include an individual budget line for this program in its fiscal year 2017 budget submission.

National Guard Counter-Drug Schools.—The Committee commends the Department for providing funding for the Counter-Drug Schools program after making no request in fiscal year 2015. The counter-drug schools’ mission of providing combatant commands, law enforcement agencies, community-based organizations and military personnel with training to support and enhance their capabilities to detect, interdict, disrupt and curtail drug trafficking is an important component of our overall effort to reduce drug crimes and protect national security. The Committee recommends \$20,000,000 for the counter-drug schools to achieve their full mission and urges the Department to include an individual budget line for this program in its fiscal year 2017 budget submission.

JOINT URGENT OPERATIONAL NEEDS FUND

Appropriations, 2015	
Budget estimate, 2016	\$99,701,000
Committee recommendation	

The Committee recommends no funding for the Joint Urgent Operational Needs Fund.

OFFICE OF THE INSPECTOR GENERAL

Appropriations, 2015	\$311,830,000
Budget estimate, 2016	316,159,000
Committee recommendation	312,559,000

The Committee recommends an appropriation of \$312,559,000. This is \$3,600,000 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	2016 budget estimate	Committee recommendation	Change from budget estimate
Office of the Inspector General, Operation and Maintenance	310,459	310,459	.....
Office of the Inspector General, Research and Development	4,700	2,100	– 2,600
Improving funds management: Inspector General-identified excess to requirement			– 2,600
Office of the Inspector General, Procurement	1,000	.....	– 1,000
Improving funds management: Inspector General-identified excess to requirement			– 1,000
Total, Office of the Inspector General	316,159	312,559	– 3,600

TITLE VII
RELATED AGENCIES

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY
SYSTEM FUND

Appropriations, 2015	\$514,000,000
Budget estimate, 2016	514,000,000
Committee recommendation	514,000,000

The Committee recommends an appropriation of \$514,000,000.
This is equal to the budget estimate.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

Appropriations, 2015	\$507,600,000
Budget estimate, 2016	530,023,000
Committee recommendation	513,923,000

The Committee recommends an appropriation of \$513,923,000.
This is \$16,100,000 below the 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. *General Transfer Authority.*—Retains and modifies a provision carried in previous years.

SEC. 8006. *Project Level Adjustments.*—Retains and modifies a provision carried in previous years.

SEC. 8007. *Establishment of Reprogramming Baseline.*—Retains and modifies a provision carried in previous years.

SEC. 8008. *Working Capital Fund Cash Disbursements.*—Retains a provision carried in previous year.

SEC. 8009. *Special Access Programs Notification.*—Retains a provision carried in previous years.

SEC. 8010. *Multiyear Procurement Authority.*—Retains a provision carried in previous years.

SEC. 8011. *Humanitarian and Civic Assistance.*—Retains a provision carried in previous years.

SEC. 8012. *Civilian Personnel Ceilings.*—Retains and modifies a provision carried in previous years.

SEC. 8013. *Lobbying.*—Retains a provision carried in previous years.

SEC. 8014. *Educational Benefits and Bonuses.*—Retains a provision carried in previous years.

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

SEC. 8016. *Arsenals.*—Includes a provision to provide funding to maintain competitive rates at the arsenals.

SEC. 8017. *Demilitarization of Surplus Firearms.*—Retains a provision carried in previous years.

SEC. 8018. *Relocations Into the National Capital Region.*—Retains a provision carried in previous years.

SEC. 8019. *Indian Financing Act.*—Retains a provision carried in previous years.

SEC. 8020. *Defense Media Activity*.—Retains a provision carried in previous years.

SEC. 8021. *Burden Sharing With Kuwait*.—Retains a provision carried in previous years.

SEC. 8022. *Civil Air Patrol*.—Retains and modifies a provision carried in previous years.

SEC. 8023. *Federally Funded Research and Development Centers*.—Retains and modifies a provision carried in previous years.

SEC. 8024. *Carbon, Alloy, or Armor Steel Plate*.—Retains a provision carried in previous years.

SEC. 8025. *Congressional Defense Committee Definition*.—Retains a provision carried in previous years.

SEC. 8026. *Depot Maintenance Competition*.—Retains a provision carried in previous years.

SEC. 8027. *Reciprocal Trade Agreements*.—Retains and modifies a provision carried in previous years.

SEC. 8028. *Overseas Military Facility Investment*.—Retains a provision carried in previous years.

SEC. 8029. *Walking Shield*.—Retains a provision carried in previous years.

SEC. 8030. *Investment Item Unit Cost*.—Retains a provision carried in previous years.

SEC. 8031. *Tobacco Use in the Military*.—Retains a provision carried in previous years.

SEC. 8032. *Working Capital Fund Investment Item Restrictions*.—Retains and modifies a provision carried in previous years.

SEC. 8033. *CIA Availability of Funds*.—Retains and modifies a provision carried in previous years.

SEC. 8034. *GDIP Information System*.—Retains a provision carried in previous years.

SEC. 8035. *Tribal Lands Environmental Impact*.—Retains a provision carried in previous years.

SEC. 8036. *Buy America Act Compliance*.—Retains a provision carried in previous years.

SEC. 8037. *Competition for Consultants and Studies Programs*.—Makes permanent a provision carried in previous years.

SEC. 8038. *Field Operating Agencies*.—Retains a provision carried in previous years.

SEC. 8039. *Contractor Conversion and Performance*.—Retains a provision carried in previous years.

SEC. 8040. *Rescissions*.—The Committee recommends a general provision rescinding funds from the prior years as displayed below:

	Amount
2014 Appropriations	
Cooperative Threat Reduction Account:	
CTR	\$23,727,000
Other Procurement, Air Force:	
MILSATCOM Terminals	54,000,000
Classified adjustment	24,000,000
2015 Appropriations	
Cooperative Threat Reduction Account:	
CTR	13,345,000
Aircraft Procurement, Army:	
Aerial Common Sensor	48,000,000
Multi Sensor ABN Recon	20,000,000

	Amount
Aircraft Procurement, Air Force:	
KC-46	117,100,000
C-130J	14,776,000
MQ-1 Mods	1,800,000
F-16	6,300,000
Missile Procurement, Air Force:	
Wideband Gapfiller Satellites (Space)	7,000,000
GPS III Space Segment	30,000,000
Defense Meteorological Sat Program (Space)	50,000,000
Evolved Expendable Launch Vehicle	125,000,000
Other Procurement, Air Force:	
Family of Beyond Line-of-Sight Terminals	9,000,000
Research, Development, Test and Evaluation, Army:	
Heavy Dump Truck	9,299,000
Research, Development, Test and Evaluation, Air Force:	
Long Range Strike	360,000,000
KC-46	215,000,000
Classified Program	90,000,000
Research, Development, Test and Evaluation, Defense-Wide:	
Wide Area Surveillance	53,000,000
DCMO Policy and Integration	5,000,000
Long-Haul Communications—DCS	2,691,000

SEC. 8041. *Civilian Technician Reductions*.—Retains a provision carried in previous years.

SEC. 8042. *North Korea*.—Retains a provision carried in previous years.

SEC. 8043. *Reserve Component Intelligence Reimbursement*.—Retains a provision carried in previous years.

SEC. 8044. *Counter-Drug Activities Transfer*.—Retains a provision carried in previous years.

SEC. 8045. *Launch Service Competitions*.—Modifies a provision carried in previous years.

SEC. 8046. *United Service Organizations Grant*.—Retains and modifies a provision carried in previous years.

SEC. 8047. *Buy American Computers*.—Retains a provision carried in previous years.

SEC. 8048. *Small Business Set-Asides*.—Retains a provision carried in previous years.

SEC. 8049. *Contractor Bonuses*.—Retains a provision carried in previous years.

SEC. 8050. *Reserve Peacetime Support*.—Retains a provision carried in previous years.

SEC. 8051. *Unexpended Balances*.—Retains a provision carried in previous years.

SEC. 8052. *National Guard Distance Learning*.—Retains a provision carried in previous years.

SEC. 8053. *Assignment of Forces*.—Includes a new provision regarding the assignment of Navy Forces.

SEC. 8054. *Sexual Assault Prevention Programs*.—Retains and modifies a provision carried in previous years.

SEC. 8055. *End-Item Procurement*.—Retains a provisions carried in previous years.

SEC. 8056. *Buy American Waivers*.—Retains a provision carried in previous years.

SEC. 8057. *U.S. Air Force RED HORSE Squadrons*.—Includes a new provision regarding the consolidation or relocation of RED HORSE squadrons outside of the United States.

SEC. 8058. *Repair and Maintenance of Military Family Housing*.—Retains a provision carried in previous years.

SEC. 8059. *Joint Capability Demonstration Project*.—Retains a provision carried in previous years.

SEC. 8060. *Secretary of Defense Reporting Requirement*.—Retains and modifies a provision carried in previous years.

SEC. 8061. *Missile Defense Authorization*.—Retains and modifies a provision carried in previous years.

SEC. 8062. *Armor-Piercing Ammo*.—Retains a provision carried in previous years.

SEC. 8063. *Personal Property Lease Payments*.—Retains a provision carried in previous years.

SEC. 8064. *Alcoholic Beverages*.—Retains a provision carried in previous years.

SEC. 8065. *O&M, Army Transfer*.—Retains and modifies a provision carried in previous years.

SEC. 8066. *National Intelligence Program Separation*.—Retains and modifies a provision carried in previous years.

SEC. 8067. *Amyotrophic Lateral Sclerosis*.—Includes a provision making \$10,000,000 available for peer-reviewed medical research on ALS.

SEC. 8068. *Israeli Cooperative Programs*.—Retains and modifies a provision carried in previous years.

SEC. 8069. *Prior Year Shipbuilding*.—Retains and modifies a provision carried in previous years.

SEC. 8070. *Intelligence Authorization*.—Retains and modifies a provision carried in previous years.

SEC. 8071. *New Start Authority*.—Retains a provision carried in previous years.

SEC. 8072. *Contingency Operations Budget Justification*.—Retains and modifies a provision carried in previous years.

SEC. 8073. *Nuclear Armed Interceptors*.—Retains a provision carried in previous years.

SEC. 8074. *Foreign Currency Fluctuation Savings*.—Retains and modifies a provision carried in previous years.

SEC. 8075. *53rd Weather Reconnaissance Squadron*.—Retains a provision carried in previous years.

SEC. 8076. *Integration of Foreign Intelligence*.—Retains a provision carried in previous years.

SEC. 8077. *SCN Transfer Authority*.—Retains and modifies a provision carried in previous years.

SEC. 8078. *Army Tactical UAVs*.—Retains a provision carried in previous years.

SEC. 8079. *Asia-Pacific Regional Initiative*.—Retains a provision carried in previous years.

SEC. 8080. *DNI R&D Waiver*.—Retains and modifies a provision carried in previous years.

SEC. 8081. *Shipbuilding Obligations*.—Retains a provision carried in previous years.

SEC. 8082. *DNI Reprogramming Baseline*.—Retains and modifies a provision carried in previous years.

SEC. 8083. *Global Hawk Aircraft*.—Inserts a new provision regarding the retirement or transfer of RQ-4B aircraft.

SEC. 8084. *Child Soldiers*.—Makes permanent a provision carried in previous years.

SEC. 8085. *DNI Information Sharing*.—Retains a provision carried in previous years

SEC. 8086. *NIP Reprogramming*.—Retains a provision carried in previous years.

SEC. 8087. *Future-Years Intelligence Program*.—Retains a provision carried in previous years.

SEC. 8088. *Congressional Intelligence Committee Definition*.—Retains a provision carried in previous years.

SEC. 8089. *Cost of War Report*.—Retains and modifies a provision carried in previous years.

SEC. 8090. *Fisher House Authorization*.—Retains a provision carried in previous years.

SEC. 8091. *Defense Acquisition Workforce Development Fund*.—Retains a provision carried in previous years.

SEC. 8092. *Public Disclosure of Agency Reports*.—Retains a provision carried in previous years.

SEC. 8093. *Contractor Compliance With the Civil Rights Act of 1964*.—Retains a provision carried in previous years.

SEC. 8094. *DOD-VA Medical Facility Demonstration*.—Retains and modifies a provision carried in previous years.

SEC. 8095. *BRAC Parking*.—Retains and modifies a provision which limits parking at the BRAC 133 project.

SEC. 8096. *Armored Vehicles*.—Retains and modifies a provision carried in previous years.

SEC. 8097. *Missile Defense Cooperation With Russia*.—Retains and modifies a provision carried in previous years.

SEC. 8098. *Civilian Endstrength Quarterly Reports*.—Retains a provision carried in previous years.

SEC. 8099. *NIP Reprogramming*.—Retains and modifies a provision carried in previous years.

SEC. 8100. *Transfer of Detainees to or Within the United States*.—Retains and modifies a provision carried in previous years.

SEC. 8101. *Detainee Facilities*.—Retains and modifies a provision carried in previous years.

SEC. 8102. *Detainee Transfer to a Foreign Country or Entity*.—Retains and modifies a provision carried in previous years.

SEC. 8103. *John C. Stennis Center for Public Service*.—Retains a provision carried in previous years.

SEC. 8104. *T-AO(X) Oiler Program*.—Inserts a new provision which prohibits the use of funds to award a new T-AO(X) program contract for the acquisition of certain components unless those components are manufactured in the United States.

SEC. 8105. *Rosoboronexport*.—Retains a provision carried in previous years.

SEC. 8106. *AH-64 Apache Helicopters*.—Inserts a new provision which limits the use of funding to transfer or divest AH-64 Apache helicopters from the Army National Guard to the active Army.

SEC. 8107. *Fuel Savings*.—Inserts a new provision which reduces the total amount appropriated in the bill to reflect lower than anticipated fuel prices.

SEC. 8108. *Ex Gratia Payments*.—Retains a provision carried in previous years.

SEC. 8109. *Strategic Delivery Vehicles*.—Retains a provision carried in previous years.

SEC. 8110. *Digital Accountability and Transparency Act*.—Inserts a new provision which provides funds to support Department of Defense activities related to the Digital Accountability and Transparency Act.

SEC. 8111. *Transfers to Another Federal Agency*.—Inserts a new provision which prohibits funding made available in this or any other act from being used to pay the salary of anyone who approves or implements a transfer of administrative responsibilities or budgetary resources of any program, project, or activity financed by this act to the jurisdiction of another Federal agency not financed by this act without express authorization of the Congress.

SEC. 8112. Inserts a new provision expressing the Sense of the Senate on sequestration.

TITLE IX
OVERSEAS CONTINGENCY OPERATIONS

DEPARTMENT OF DEFENSE—MILITARY

The Committee recommends an appropriation of \$86,868,252,000 for operations related to overseas contingency operations. In fiscal year 2015 Congress appropriated \$63,999,995,000 for activities funded in this title.

COMMITTEE RECOMMENDED PROGRAM

The following table summarizes the Committee recommendation:

[In thousands of dollars]

	Fiscal year 2015 enacted	Fiscal year 2016 estimate	Committee recommendation
Military Personnel	4,966,640	3,204,758	3,204,758
Operation and Maintenance	49,979,203	39,738,283	74,635,645
Procurement	7,696,691	6,763,999	7,688,599
Research and Development	227,373	191,434	191,434
Revolving and Management Funds	91,350	88,850	88,850
Other Department of Defense Programs	960,618	962,237	758,966
General Provisions (net)	13,420	.....	300,000
Total, Overseas Contingency Operations (incl. scorekeeping adjustments)	63,999,995	50,949,561	86,868,252

OVERVIEW

COMMITTEE RECOMMENDATION

The Committee recommends \$86,868,252,000 of additional appropriations for overseas contingency operations in fiscal year 2016. This funding will ensure that resources, equipment, and supplies are available for our servicemembers without interruption, and will enable the Department to avoid absorbing operational costs from within baseline programs that are critical to future readiness and home-station activities.

REPORTING REQUIREMENTS

The Committee directs that the Department of Defense continue to report incremental contingency operations costs for Operation Inherent Resolve and Operation Freedom's Sentinel on a monthly basis in the Cost of War Execution report as required by Department of Defense Financial Management Regulation, chapter 23, volume 12. The Committee further directs the Department to continue providing the Cost of War reports to the congressional defense committees that include the following information by appropriation: funding appropriated, funding allocated, monthly obliga-

tions, monthly disbursements, cumulative fiscal year obligations, and cumulative fiscal year disbursements.

The Committee expects that in order to meet unanticipated requirements, the Department of Defense may need to transfer funds within these appropriations accounts for purposes other than those specified in this report. The Committee directs the Department of Defense to follow normal prior approval reprogramming procedures should it be necessary to transfer funding between different appropriations accounts in this title.

MILITARY PERSONNEL

The Committee recommends a total of \$3,204,758,000 for pay, allowances, and other personnel costs for Active, Reserve, and Guard troops activated for duty in Afghanistan and other contingency operations. This recommendation includes funding for subsistence, permanent change of station travel, and special pays including imminent danger pay, family separation allowance, and hardship duty pay.

MILITARY PERSONNEL, ARMY

Appropriations, 2015	\$3,259,970,000
Budget estimate, 2016	1,828,441,000
Committee recommendation	1,828,441,000

The Committee recommends an appropriation of \$1,828,441,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
BA 1: PAY AND ALLOWANCES OF OFFICERS				
5	Basic Pay	270,743	270,743	.....
10	Retired Pay Accrual	62,271	62,271	.....
25	Basic Allowance for Housing	86,053	86,053	.....
30	Basic Allowance for Subsistence	10,586	10,586	.....
35	Incentive Pays	2,140	2,140	.....
40	Special Pays	15,613	15,613	.....
45	Allowances	10,486	10,486	.....
50	Separation Pay	3,858	3,858	.....
55	Social Security Tax	20,712	20,712	.....
	TOTAL	482,462	482,462	.....
BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL				
60	Basic Pay	460,476	460,476	.....
65	Retired Pay Accrual	105,909	105,909	.....
80	Basic Allowance for Housing	217,370	217,370	.....
85	Incentive Pays	1,071	1,071	.....
90	Special Pays	60,785	60,785	.....
95	Allowances	44,077	44,077	.....
100	Separation Pay	7,500	7,500	.....
105	Social Security Tax	35,226	35,226	.....
	TOTAL	932,414	932,414	.....

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
BA 4: SUBSISTENCE OF ENLISTED PERSONNEL				
115	Basic Allowance for Subsistence	87,006	87,006	.....
120	Subsistence-In-Kind	171,697	171,697	.....
	TOTAL	258,703	258,703	.....
BA 5: PERMANENT CHANGE OF STATION TRAVEL				
135	Operational Travel	30,212	30,212	.....
140	Rotational Travel	17,757	17,757	.....
	TOTAL	47,969	47,969	.....
BA 6: OTHER MILITARY PERSONNEL COSTS				
175	Interest on Uniformed Services Savings	1,858	1,858	.....
180	Death Gratuities	3,800	3,800	.....
185	Unemployment Benefits	92,209	92,209	.....
216	SGLI Extra Hazard Payments	6,223	6,223	.....
219	Traumatic Injury Protection Coverage [T-SGLI]	2,803	2,803	.....
	TOTAL	106,893	106,893	.....
	Total, Military Personnel, Army	1,828,441	1,828,441	.....

MILITARY PERSONNEL, NAVY

Appropriations, 2015	\$332,166,000
Budget estimate, 2016	251,011,000
Committee recommendation	251,011,000

The Committee recommends an appropriation of \$251,011,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
BA 1: PAY AND ALLOWANCES OF OFFICERS				
5	Basic Pay	39,310	39,310	.....
10	Retired Pay Accrual	9,041	9,041	.....
25	Basic Allowance for Housing	13,069	13,069	.....
30	Basic Allowance for Subsistence	1,456	1,456	.....
35	Incentive Pays	486	486	.....
40	Special Pays	2,881	2,881	.....
45	Allowances	6,512	6,512	.....
55	Social Security Tax	3,016	3,016	.....
	TOTAL	75,771	75,771	.....
BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL				
60	Basic Pay	49,797	49,797	.....
65	Retired Pay Accrual	11,453	11,453	.....
80	Basic Allowance for Housing	24,160	24,160	.....
85	Incentive Pays	150	150	.....
90	Special Pays	4,901	4,901	.....
95	Allowances	14,345	14,345	.....
105	Social Security Tax	3,807	3,807	.....

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL	108,613	108,613	.....
	BA 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	Basic Allowance for Subsistence	5,832	5,832	.....
120	Subsistence-In-Kind	23,482	23,482	.....
	TOTAL	29,314	29,314	.....
	BA 5: PERMANENT CHANGE OF STATION TRAVEL			
125	Accession Travel	2,051	2,051	.....
135	Operational Travel	4,702	4,702	.....
140	Rotational Travel	13,052	13,052	.....
145	Separation Travel	519	519	.....
	TOTAL	20,324	20,324	.....
	BA 6: OTHER MILITARY PERSONNEL COSTS			
180	Death Gratuities	500	500	.....
185	Unemployment Benefits	9,948	9,948	.....
216	SGLI Extra Hazard Payments	6,541	6,541	.....
	TOTAL	16,989	16,989	.....
	Total, Military Personnel, Navy	251,011	251,011	.....

MILITARY PERSONNEL, MARINE CORPS

Appropriations, 2015	\$403,311,000
Budget estimate, 2016	171,079,000
Committee recommendation	171,079,000

The Committee recommends an appropriation of \$171,079,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: PAY AND ALLOWANCES OF OFFICERS			
5	Basic Pay	33,349	33,349	.....
10	Retired Pay Accrual	7,670	7,670	.....
25	Basic Allowance for Housing	11,320	11,320	.....
30	Basic Allowance for Subsistence	1,176	1,176	.....
35	Incentive Pays	343	343	.....
40	Special Pays	2,408	2,408	.....
45	Allowances	1,745	1,745	.....
50	Separation Pay	954	954	.....
55	Social Security Tax	2,551	2,551	.....
	TOTAL	61,516	61,516	.....
	BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	Basic Pay	19,331	19,331	.....
65	Retired Pay Accrual	4,446	4,446	.....
80	Basic Allowance for Housing	11,007	11,007	.....
85	Incentive Pays	12	12	.....
90	Special Pays	13,115	13,115	.....
95	Allowances	7,072	7,072	.....

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
100	Separation Pay	45,374	45,374	.....
105	Social Security Tax	1,479	1,479	.....
	TOTAL	101,836	101,836	.....
BA 4: SUBSISTENCE OF ENLISTED PERSONNEL				
115	Basic Allowance for Subsistence	2,440	2,440	.....
	TOTAL	2,440	2,440	.....
BA 6: OTHER MILITARY PERSONNEL COSTS				
175	Interest on Uniformed Services Savings	280	280	.....
180	Death Gratuities	300	300	.....
185	Unemployment Benefits	1,540	1,540	.....
216	SGLI Extra Hazard Payments	3,167	3,167	.....
	TOTAL	5,287	5,287	.....
	Total, Military Personnel, Marine Corps	171,079	171,079	.....

MILITARY PERSONNEL, AIR FORCE

Appropriations, 2015	\$728,334,000
Budget estimate, 2016	726,126,000
Committee recommendation	726,126,000

The Committee recommends an appropriation of \$726,126,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
BA 1: PAY AND ALLOWANCES OF OFFICERS				
5	Basic Pay	105,498	105,498	.....
10	Retired Pay Accrual	24,265	24,265	.....
25	Basic Allowance for Housing	32,922	32,922	.....
30	Basic Allowance for Subsistence	3,832	3,832	.....
40	Special Pays	7,559	7,559	.....
45	Allowances	7,910	7,910	.....
55	Social Security Tax	8,071	8,071	.....
	TOTAL	190,057	190,057	.....
BA 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL				
60	Basic Pay	196,552	196,552	.....
65	Retired Pay Accrual	45,207	45,207	.....
80	Basic Allowance for Housing	83,389	83,389	.....
90	Special Pays	27,835	27,835	.....
95	Allowances	25,901	25,901	.....
105	Social Security Tax	15,036	15,036	.....
	TOTAL	393,920	393,920	.....
BA 4: SUBSISTENCE OF ENLISTED PERSONNEL				
115	Basic Allowance for Subsistence	22,231	22,231	.....
120	Subsistence-In-Kind	84,711	84,711	.....

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	TOTAL	106,942	106,942	.....
	BA 6: OTHER MILITARY PERSONNEL COSTS			
180	Death Gratuities	1,000	1,000	.....
185	Unemployment Benefits	24,143	24,143	.....
216	SGLI Extra Hazard Payments	10,064	10,064	.....
	TOTAL	35,207	35,207	.....
	Total, Military Personnel, Air Force	726,126	726,126	.....

RESERVE PERSONNEL, ARMY

Appropriations, 2015	\$24,990,000
Budget estimate, 2016	24,462,000
Committee recommendation	24,462,000

The Committee recommends an appropriation of \$24,462,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: ARMY RESERVE TRAINING AND SUPPORT			
10	Pay Group A Training (15 Days & Drills 24/48)	13,300	13,300	.....
80	Special Training	11,162	11,162	.....
	TOTAL	24,462	24,462	.....
	Total Reserve Personnel, Army	24,462	24,462	.....

RESERVE PERSONNEL, NAVY

Appropriations, 2015	\$13,953,000
Budget estimate, 2016	12,693,000
Committee recommendation	12,693,000

The Committee recommends an appropriation of \$12,693,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: NAVY RESERVE TRAINING AND SUPPORT			
80	Special Training	12,350	12,350	.....
90	Administration and Support	343	343	.....
	TOTAL	12,693	12,693	.....

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Total, Reserve Personnel, Navy	12,693	12,693	.....

RESERVE PERSONNEL, MARINE CORPS

Appropriations, 2015	\$5,069,000
Budget estimate, 2016	3,393,000
Committee recommendation	3,393,000

The Committee recommends an appropriation of \$3,393,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: MARINE CORPS RESERVE TRAINING AND SUPPORT			
80	Special Training	3,350	3,350	.....
90	Administration and Support	43	43	.....
	TOTAL	3,393	3,393	.....
	Total, Reserve Personnel, Marine Corps	3,393	3,393	.....

RESERVE PERSONNEL, AIR FORCE

Appropriations, 2015	\$19,175,000
Budget estimate, 2016	18,710,000
Committee recommendation	18,710,000

The Committee recommends an appropriation of \$18,710,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: AIR FORCE RESERVE TRAINING AND SUPPORT			
80	Special Training	18,710	18,710	.....
	TOTAL	18,710	18,710	.....
	Total, Reserve Personnel, Air Force	18,710	18,710	.....

NATIONAL GUARD PERSONNEL, ARMY

Appropriations, 2015	\$174,778,000
Budget estimate, 2016	166,015,000
Committee recommendation	166,015,000

The Committee recommends an appropriation of \$166,015,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: ARMY NATIONAL GUARD TRAINING AND SUPPORT			
10	Pay Group A Training (15 Days & Drills 24/48)	34,199	34,199	.....
70	School Training	2,780	2,780	.....
80	Special Training	119,247	119,247	.....
90	Administration and Support	9,789	9,789	.....
	TOTAL	166,015	166,015	.....
	Total, National Guard Personnel, Army	166,015	166,015	.....

NATIONAL GUARD PERSONNEL, AIR FORCE

Appropriations, 2015	\$4,894,000
Budget estimate, 2016	2,828,000
Committee recommendation	2,828,000

The Committee recommends an appropriation of \$2,828,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	BA 1: AIR NATIONAL GUARD TRAINING AND SUPPORT			
80	Special Training	2,828	2,828	.....
	TOTAL	2,828	2,828	.....
	National Guard Personnel, Air Force	2,828	2,828	.....

OPERATION AND MAINTENANCE

The Committee recommends \$74,635,645,000 for the operation and maintenance accounts. These funds are available to fund overseas deployments and other activities 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.

OPERATION AND MAINTENANCE, ARMY

Appropriations, 2015 \$18,108,656,000
 Budget estimate, 2016 11,382,750,000
 Committee recommendation 18,930,336,000

The Committee recommends an appropriation of \$18,930,336,000. This is \$7,547,586,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
111	Maneuver Units	257,900	1,352,329	+ 1,094,429
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 1,094,429
114	Theater Level Assets	1,110,836	1,804,136	+ 693,300
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 693,300
115	Land Forces Operations Support	261,943	1,316,265	+ 1,054,322
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 1,054,322
116	Aviation Assets	22,160	1,568,289	+ 1,546,129
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 1,546,129
121	Force Readiness Operations Support	1,119,201	4,257,807	+ 3,138,606
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 3,138,606
122	Land Forces Systems Readiness	117,881	117,881	.....
131	Base Operations Support	50,000	50,000	.....
135	Additional Activities	4,500,666	4,526,466	+ 25,800
	Transfer from Syria Train and Equip Fund			+ 25,800
136	Commander's Emergency Response Program	10,000	5,000	- 5,000
	Improving funds management: Excess to need			- 5,000
137	Reset	1,834,777	1,834,777	.....
212	Army Prepositioned Stocks	40,000	40,000	.....
421	Servicewide Transportation	529,891	529,891	.....
424	Ammunition Management	5,033	5,033	.....
434	Other Personnel Support	100,480	100,480	.....
437	Real Estate Management	154,350	154,350	.....
999	Classified Programs	1,267,632	1,267,632	.....
	Total, Operation and Maintenance, Army	11,382,750	18,930,336	+ 7,547,586

Commanders Emergency Response Program.—The Committee recommends \$5,000,000 for the Commanders Emergency Response Program [CERP] in Afghanistan in fiscal year 2016. The Committee directs the Army to submit monthly commitment, obligation, and expenditure data for CERP to the congressional defense committees not later than 30 days after each month.

The Committee includes language in section 9005 that requires all CERP projects executed under this authority shall be small scale, and shall not exceed \$2,000,000 in cost (including any ancillary or related elements in connection with such project).

OPERATION AND MAINTENANCE, NAVY

Appropriations, 2015 \$6,253,819,000
 Budget estimate, 2016 5,131,588,000
 Committee recommendation 21,008,396,000

The Committee recommends an appropriation of \$21,008,396,000. This is \$15,876,808,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1A1A	Mission And Other Flight Operations	358,417	5,302,082	+ 4,943,665
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 4,940,365
	Authorization adjustment: Readiness increase			+ 3,300
1A3A	Aviation Technical Data & Engineering Services	110	110	
1A4A	Air Operations And Safety Support	4,513	4,513	
1A4N	Air Systems Support	126,501	126,501	
1A5A	Aircraft Depot Maintenance	75,897	990,433	+ 914,536
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 897,536
	Authorization adjustment: Readiness increase			+ 17,000
1A6A	Aviation Depot Operations Support	2,770	2,770	
1A9A	Aviation Logistics	34,101	34,101	
1B1B	Mission And Other Ship Operations	1,184,878	5,402,536	+ 4,217,658
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 4,217,658
1B2B	Ship Operations Support & Training	16,663	16,663	
1B4B	Ship Depot Maintenance	1,922,829	7,883,780	+ 5,960,951
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 5,960,951
1C1C	Combat Communications	33,577	33,577	
1C4C	Warfare Tactics	26,454	26,454	
1C5C	Operational Meteorology And Oceanography	22,305	22,305	
1C6C	Combat Support Forces	513,969	513,969	
1C7C	Equipment Maintenance	10,007	10,007	
1D3D	In-Service Weapons Systems Support	60,865	60,865	
1D4D	Weapons Maintenance	275,231	275,231	
BSM1	Facilities Sustainment, Restoration And Modernization	7,819	7,819	
BSS1	Base Operating Support	61,422	61,422	
2C1H	Expeditionary Health Service Systems	5,307	5,307	
2C3H	Coast Guard Support	160,002		- 160,002
	Coast Guard funded in Department of Homeland Security bill			- 160,002
3B1K	Specialized Skill Training	44,845	44,845	
4A1M	Administration	2,513	2,513	
4A2M	External Relations	500	500	
4A4M	Military Manpower And Personnel Management	5,309	5,309	
4A5M	Other Personnel Support	1,469	1,469	
4B1N	Service-wide Transportation	156,671	156,671	
4B3N	Acquisition And Program Management	8,834	8,834	
4C1P	Naval Investigative Service	1,490	1,490	
9999	Classified Programs	6,320	6,320	
	Total, Operation and Maintenance, Navy	5,131,588	21,008,396	+ 15,876,808

OPERATION AND MAINTENANCE, MARINE CORPS

Appropriations, 2015	\$1,850,984,000
Budget estimate, 2016	952,534,000
Committee recommendation	1,879,613,000

The Committee recommends an appropriation of \$1,879,613,000. This is \$927,079,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1A1A	Operational Forces	353,133	1,280,212	+ 927,079
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 927,079
1A2A	Field Logistics	259,676	259,676	
1A3A	Depot Maintenance	240,000	240,000	
BSS1	Base Operating Support	16,026	16,026	
3B4D	Training Support	37,862	37,862	
4A3G	Servicewide Transportation	43,767	43,767	
999	Classified Programs	2,070	2,070	
	Total, Operation and Maintenance, Marine Corps	952,534	1,879,613	+ 927,079

OPERATION AND MAINTENANCE, AIR FORCE

Appropriations, 2015 \$10,076,383,000
 Budget estimate, 2016 9,090,013,000
 Committee recommendation 21,161,888,000

The Committee recommends an appropriation of \$21,161,888,000. This is \$12,071,875,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
011A	Primary Combat Forces	1,505,738	3,581,350	+ 2,075,612
	Transfer from Syria Train and Equip Fund			+ 15,000
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 2,060,612
011C	Combat Enhancement Forces	914,973	2,771,588	+ 1,856,615
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 1,852,315
	Authorization adjustment: Readiness increase			+ 4,300
011D	Air Operations Training	31,978	31,978	
011M	Depot Maintenance	1,192,765	7,689,892	+ 6,497,127
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 6,497,127
011R	Facilities Sustainment, Restoration & Modernization	85,625	85,625	
011Z	Base Operating Support	917,269	917,269	
012A	Global C3I And Early Warning	30,219	30,219	
012C	Other Combat Ops Spt Programs	174,734	174,734	
013A	Launch Facilities	869	869	
013C	Space Control Systems	5,008	5,008	
015A	Combatant Commanders Direct Mission Support	100,190	100,190	
999	Classified Programs	22,893	22,893	
021A	Airlift Operations	2,995,703	3,010,703	+ 15,000
	Transfer from Syria Train and Equip Fund			+ 15,000
021D	Mobilization Preparedness	108,163	108,163	
021M	Depot Maintenance	511,059	2,128,630	+ 1,617,571
	Authorization adjustment: Transfer base requirement to OCO due to BCA			+ 1,617,571
021Z	Base Support	4,642	4,642	
031A	Officer Acquisition	92	92	

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
031Z	Base Support		12,750	+ 12,750
	Transfer from Syria Train and Equip Fund			+ 12,750
032A	Specialized Skill Training	11,986	11,986	
041A	Logistics Operations	86,716	86,716	
041Z	Base Support	3,836	3,836	
042B	Servicewide Communications	165,348	165,348	
042G	Other Servicewide Activities	204,683	201,883	- 2,800
	Improving funds management: Unjustified growth for Office of Security Cooperation in Iraq			- 2,800
044A	International Support	61	61	
999	Classified Programs	15,463	15,463	
	Total, Operation and Maintenance, Air Force	9,090,013	21,161,888	+ 12,071,875

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Appropriations, 2015	\$6,211,025,000
Budget estimate, 2016	5,805,633,000
Committee recommendation	6,850,097,000

The Committee recommends an appropriation of \$6,850,097,000. This is \$1,044,464,000 above the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Joint Chiefs of Staff	9,900	9,900	
	Special Operations Command	2,345,835	2,345,835	
	Defense Contract Audit Agency	18,474	18,474	
	Defense Information Systems Agency	29,579	29,579	
	Defense Legal Services Agency	110,000	110,000	
	Defense Media Activity	5,960	5,960	
	Department Of Defense Education Activity	73,000	73,000	
	Defense Security Cooperation Agency	1,677,000	2,577,000	+ 900,000
	Authorization adjustment: Coalition Support Funds			- 100,000
	Transfer Build the Capacity of Foreign Security Forces from Counterterrorism Partnerships Fund, Overseas Contingency Operations			+ 1,000,000
	Office Of The Secretary Of Defense	106,709	106,709	
	Washington Headquarters Services	2,102	2,102	
	Classified Programs	1,427,074	1,427,074	
UNDIST	Transfer Joint Improvised Explosive Device Defeat Organization (JIJEDDO): Staff and Infrastructure costs from the JIJEDDO request		144,464	+ 144,464
	Total, Operation and Maintenance, Defense-Wide	5,805,633	6,850,097	+ 1,044,464

Ukraine.—The Committee includes a provision that recommends \$300,000,000 for the Ukraine Security Assistance Initiative to aid Ukraine as it confronts aggression from anti-government forces within its borders. The Committee directs the Secretary of Defense to provide a quarterly report on the obligation of these funds. Additionally, the Committee notes that the U.S. military has begun bilateral training programs with elements of the Ukrainian military and security forces. The Committee encourages the Department of

Defense and Commander, European Command, to include assistance on psychological health and related support programs as part of future training engagements. The Department of Defense has become a leader in research in these areas, and should accelerate sharing of its best practices with our partner nations.

Countering Violent Extremism Online.—The Committee recognizes that the United States’ strategy to defeat the Islamic State of Iraq and the Levant [ISIL] must include a campaign to counter digital media to degrade and defeat ISIL’s social media propaganda and recruitment networks. This effort must include the empowering of moderate local voices and other messaging to challenge ISIL through a coordinated and integrated government-wide strategy. The Committee encourages the Department of Defense, in coordination with the Director of National Intelligence, the Department of State, the Broadcasting Board of Governors, and other appropriate public and private sector stakeholders, to develop and implement such a coordinated messaging plan to counter propaganda and recruitment media disseminated by ISIL and associated violent extremist groups.

European Reassurance Initiative.—The President’s budget request includes \$789,300,000 in various appropriation accounts for European Reassurance Initiative [ERI] efforts in fiscal year 2016. The Committee strongly supports these initiatives to strengthen security cooperation with our allies and partners in light of continuing Russian aggression against Ukraine and the growing potential for provocation elsewhere in Europe. The Committee urges the Secretary of Defense to prioritize ERI activities to bolster cooperation with our North Atlantic Treaty Organization allies and reflect changing conditions on the ground. In addition, the Committee recommends continued cooperation with and support for Estonia, Lithuania, and Latvia, particularly for the Air Policing mission that ensures the sovereignty of Baltic airspace, at funding levels consistent with requirements identified by the Commander, European Command in consultation with our Baltic partners.

OPERATION AND MAINTENANCE, ARMY RESERVE

Appropriations, 2015	\$41,532,000
Budget estimate, 2016	24,559,000
Committee recommendation	24,559,000

The Committee recommends an appropriation of \$24,559,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
113	Echelons Above Brigade	2,442	2,442	.....
115	Land Forces Operations Support	813	813	.....
121	Force Readiness Operations Support	779	779	.....
131	Base Operations Support	20,525	20,525	.....

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Total, Operation and Maintenance, Army Reserve	24,559	24,559	.....

OPERATION AND MAINTENANCE, NAVY RESERVE

Appropriations, 2015	\$45,876,000
Budget estimate, 2016	31,643,000
Committee recommendation	31,643,000

The Committee recommends an appropriation of \$31,643,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1A1A	Mission And Other Flight Operations	4,033	4,033	.....
1A3A	Intermediate Maintenance	60	60	.....
1A5A	Aircraft Depot Maintenance	20,300	20,300	.....
1C6C	Combat Support Forces	7,250	7,250	.....
	Total, Operation and Maintenance, Navy Reserve	31,643	31,643	.....

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Appropriations, 2015	\$10,540,000
Budget estimate, 2016	3,455,000
Committee recommendation	3,455,000

The Committee recommends an appropriation of \$3,455,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1A1A	Operational Forces	2,500	2,500	.....
BSS1	Base Operating Support	955	955	.....
	Total, Operation and Maintenance, Marine Corps Reserve	3,455	3,455	.....

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Appropriations, 2015	\$77,794,000
Budget estimate, 2016	58,106,000
Committee recommendation	58,106,000

The Committee recommends an appropriation of \$58,106,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
011M	Depot Maintenance	51,086	51,086	.....
011Z	Base Operating Support	7,020	7,020	.....
	Total, Operation and Maintenance, Air Force Reserve	58,106	58,106	.....

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Appropriations, 2015	\$77,661,000
Budget estimate, 2016	60,845,000
Committee recommendation	60,845,000

The Committee recommends an appropriation of \$60,845,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
111	Maneuver Units	1,984	1,984	.....
113	Echelons Above Brigade	4,671	4,671	.....
116	Aviation Assets	15,980	15,980	.....
121	Force Readiness Operations Support	12,867	12,867	.....
131	Base Operations Support	23,134	23,134	.....
133	Management and Operational Headquarters	1,426	1,426	.....
432	Service-wide Communications	783	783	.....
	Total, Operation and Maintenance, Army National Guard	60,845	60,845	.....

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Appropriations, 2015	\$22,600,000
Budget estimate, 2016	19,900,000
Committee recommendation	19,900,000

The Committee recommends an appropriation of \$19,900,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
011G	Mission Support	19,900	19,900	.....
	Total, Operation and Maintenance, Air National Guard	19,900	19,900	.....

COUNTERTERRORISM PARTNERSHIPS FUND

Appropriations, 2015	\$1,300,000,000
Budget estimate, 2016	2,100,000,000
Committee recommendation	

The Committee recommends no funding for the Counterterrorism Partnerships Fund.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Counterterrorism Partnerships Fund	2,100,000	.....	- 2,100,000
	Maintain Program Affordability: Program decrease .....	.....	.....	- 1,100,000
	Transfer Build the Capacity of Foreign Security Forces to Operation and Maintenance, Defense-wide, DSCA, Overseas Contingency Operations .....	.....	.....	- 1,000,000
	Total, Counterterrorism Partnerships Fund	2,100,000	.....	- 2,100,000

Counterterrorism Partnerships Fund.—The Overseas Contingency Operations budget request includes \$2,100,000,000 for the Counterterrorism Partnerships Fund [CTPF], an increase of \$1,300,000,000 over the amount appropriated for non-Syria CTPF activities in fiscal year 2015. The Committee remains supportive of increased engagement with partner nations to address terrorist threats in the Middle East and Africa; however, the Committee is concerned about the Department’s ability to wisely execute \$2,900,000,000 of CTPF funds in fiscal years 2015 through 2017 in addition to the hundreds of millions of dollars provided for other capacity building programs. Moreover, the Committee is concerned about effective oversight of the CTPF to ensure that activities are not duplicative and that there is an appropriate accounting of weapons and training provided. Therefore, the Committee recommendation reduces the request for CTPF by \$1,100,000,000. Additionally, the Committee recommends transferring the remaining \$1,000,000,000 to the Title IX Operation and Maintenance, Defense-wide account to be used under the authorities provided in Section 2282 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3314). The Committee understands that the Department is required to transfer CTPF funding to the Operation and Maintenance accounts for execution and intends to use Section 2282 authority for the provision of assistance to partner nations using transferred CTPF funds. The Committee believes that consolidating these efforts would enable better Congressional oversight of the majority of building partner capacity activities.

AFGHANISTAN SECURITY FORCES FUND

Appropriations, 2015	\$4,109,333,000
Budget estimate, 2016	3,762,257,000
Committee recommendation	3,360,357,000

The Committee recommends an appropriation of \$3,360,357,000. This is \$401,900,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Sustainment	2,214,899	1,962,999	- 251,900
	Improving funds management: Unjustified growth, incentive payments			- 58,900
	Improving funds management: Early to need, non-aircraft sustainment			- 95,000
	Improving funds management: Unjustified growth, ANA facilities sustainment			- 20,000
	Improving funds management: Fuel savings			- 78,000
	Equipment and Transportation	182,751	182,751	
	Training and Operations	281,555	281,555	
	Subtotal, Ministry of Defense	2,679,205	2,427,305	- 251,900
	Sustainment	901,137	751,137	- 150,000
	Maintain program affordability: Maintain level of effort			- 118,000
	Improving funds management: Fuel savings			- 32,000
	Equipment and Transportation	116,573	116,573	
	Training and Operations	65,342	65,342	
	Subtotal, Ministry of Interior	1,083,052	933,052	- 150,000
	Total, Afghanistan Security Forces Fund	3,762,257	3,360,357	- 401,900

IRAQ TRAIN AND EQUIP FUND

Appropriations, 2015	\$1,618,000,000
Budget estimate, 2016	715,000,000
Committee recommendation	715,000,000

The Committee recommends an appropriation of \$715,000,000. This is equal to the budget estimate.

SYRIA TRAIN AND EQUIP FUND

Appropriations, 2015	
Budget estimate, 2016	\$600,000,000
Committee recommendation	531,450,000

The Committee recommends an appropriation of \$531,450,000. This is \$68,550,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Syria Train and Equip Fund	600,000	531,450	- 68,550
	Transfer to Operation and Maintenance, Air Force			- 42,750
	Transfer to Operation and Maintenance, Army			- 25,800

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Total, Syria Train and Equip Fund	600,000	531,450	-68,550

PROCUREMENT

The Committee recommends \$7,688,599,000 for the procurement accounts. The overseas contingency operations funding supports our forces engaged in Operation Enduring Freedom and other contingency operations. The Committee recommends funding to replace combat losses and equipment left behind in theater, augment and upgrade equipment for deploying units, sustain munitions and other war consumables, and reset the units returning home to an equipment-ready status. Funding adjustments have been made in instances where the requirement was poorly defined, funding was requested ahead of need or program execution has been delayed.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 2015	\$196,200,000
Budget estimate, 2016	164,987,000
Committee recommendation	158,087,000

The Committee recommends an appropriation of \$158,087,000. This is \$6,900,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Aerial Common Sensor [ACS] MIP	99,500	92,600	-6,900
	Restoring acquisition accountability: Unjustified request			-6,900
4	MQ-1 UAV	16,537	16,537	
16	MQ-1 Payload MIP	8,700	8,700	
23	ARL SEMA Mods MIP	32,000	32,000	
31	RQ-7 UAV MODS	8,250	8,250	
	Total, Aircraft Procurement, Army	164,987	158,087	-6,900

MISSILE PROCUREMENT, ARMY

Appropriations, 2015	\$32,136,000
Budget estimate, 2016	37,260,000
Committee recommendation	37,260,000

The Committee recommends an appropriation of \$37,260,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
3	Hellfire Sys Summary	37,260	37,260	.....
	Total, Missile Procurement, Army	37,260	37,260	.....

**PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES,
ARMY**

Appropriations, 2015	\$5,000,000
Budget estimate, 2016	26,030,000
Committee recommendation	26,030,000

The Committee recommends an appropriation of \$26,030,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
16	Mortar Systems	7,030	7,030	.....
21	Common Remotely Operated Weapons Systems	19,000	19,000	.....
	Total, Weapons and Tracked Combat Vehicles, Army ..	26,030	26,030	.....

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 2015	\$140,905,000
Budget estimate, 2016	192,040,000
Committee recommendation	192,040,000

The Committee recommends an appropriation of \$192,040,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
4	CTG, .50 Cal, All Types	4,000	4,000	.....
8	60MM Mortar, All Types	11,700	11,700	.....
9	81MM Mortar, All Types	4,000	4,000	.....
10	120MM Mortar, ALL TYPES	7,000	7,000	.....
12	Artillery Cartridges, 75MM & 105MM, All Types	5,000	5,000	.....
13	Artillery Projectile, 155MM, All Types	10,000	10,000	.....
15	Artillery Propellants, Fuzes and Primers, All	2,000	2,000	.....
17	Rocket, Hydra 70, All Types	136,340	136,340	.....
19	Demolition Munitions, All Types	4,000	4,000	.....
21	Signals, All Types	8,000	8,000	.....
	Total, Procurement of Ammunition, Army	192,040	192,040	.....

OTHER PROCUREMENT, ARMY

Appropriations, 2015	\$773,583,000
Budget estimate, 2016	1,205,596,000
Committee recommendation	1,205,596,000

The Committee recommends an appropriation of \$1,205,596,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
5	Family of Medium Tactical Veh [FMTV]	243,998	243,998	.....
9	Hvy Expanded Mobile Tactical Truck Ext Serv	223,276	223,276	.....
11	Modification of In Svc Equip	130,000	130,000	.....
12	Mine-Resistant Ambush-Protected [MRAP] Mods	393,100	393,100	.....
21	Transportable Tactical Command Communications	5,724	5,724	.....
51	Installation Info Infrastructure Mod Program	29,500	29,500	.....
57	DCGS-A (MIP)	54,140	54,140	.....
59	Trojan (MIP)	6,542	6,542	.....
61	CI HUMINT Auto Reprting and Coll [CHARCS]	3,860	3,860	.....
68	Family Of Persistent Surveillance Capabilitie	14,847	14,847	.....
69	Counterintelligence/Security Countermeasures	19,535	19,535	.....
84	Computer Ballistics: LHMCB XM32	2,601	2,601	.....
87	Fire Support C2 Family	48	48	.....
94	Maneuver Control System [MCS]	252	252	.....
101	Automated Data Processing Equip	652	652	.....
111	Base Defense Systems [BDS]	4,035	4,035	.....
131	Force Provider	53,800	53,800	.....
133	Cargo Aerial Del & Personnel Parachute System	700	700	.....
159	Family of Forklifts	10,486	10,486	.....
169	Rapid Equipping Soldier Support Equipment	8,500	8,500	.....
	Total, Other Procurement, Army	1,205,596	1,205,596	.....

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 2015	\$243,359,000
Budget estimate, 2016	217,394,000
Committee recommendation	217,394,000

The Committee recommends an appropriation of \$217,394,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
26	STUASLO UAV	55,000	55,000	.....
30	AV-8 Series	41,365	41,365	.....
32	F-18 Series	8,000	8,000	.....
37	EP-3 Series	6,300	6,300	.....
47	Special Project Aircraft	14,198	14,198	.....
51	Common ECM Equipment	72,700	72,700	.....
52	Common Avionics Changes	13,988	13,988	.....
59	V-22 (Tilt/Rotor ACFT) Osprey	4,900	4,900	.....

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
65	Aircraft Industrial Facilities	943	943	.....
	Total, Aircraft Procurement, Navy	217,394	217,394	.....

WEAPONS PROCUREMENT, NAVY

Appropriations, 2015	\$66,785,000
Budget estimate, 2016	3,344,000
Committee recommendation	3,344,000

The Committee recommends an appropriation of \$3,344,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
10	Laser Maverick	3,344	3,344	.....
	Total, Weapons Procurement, Navy	3,344	3,344	.....

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Appropriations, 2015	\$154,519,000
Budget estimate, 2016	136,930,000
Committee recommendation	136,930,000

The Committee recommends an appropriation of \$136,930,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	General Purpose Bombs	9,715	9,715	.....
2	Airborne Rockets, All Types	11,108	11,108	.....
3	Machine Gun Ammunition	3,603	3,603	.....
6	Air Expendable Countermeasures	11,982	11,982	.....
11	Other Ship Gun Ammunition	4,674	4,674	.....
12	Small Arms & Landing Party Ammo	3,456	3,456	.....
13	Pyrotechnic and Demolition	1,989	1,989	.....
14	Ammunition Less Than \$5 Million	4,674	4,674	.....
20	120mm, All Types	10,719	10,719	.....
23	Rockets, All Types	3,993	3,993	.....
24	Artillery, All Types	67,200	67,200	.....
25	Demolition Munitions, All Types	518	518	.....
26	Fuze, All Types	3,299	3,299	.....
	Total, Procurement of Ammunition, Navy and Marine Corps	136,930	136,930	.....

OTHER PROCUREMENT, NAVY

Appropriations, 2015	\$123,710,000
Budget estimate, 2016	12,186,000
Committee recommendation	12,186,000

The Committee recommends an appropriation of \$12,186,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
135	Passenger Carrying Vehicles	186	186	.....
	Classified Programs	12,000	12,000	.....
	Total, Other Procurement, Navy	12,186	12,186	.....

PROCUREMENT, MARINE CORPS

Appropriations, 2015	\$65,589,000
Budget estimate, 2016	48,934,000
Committee recommendation	48,934,000

The Committee recommends an appropriation of \$48,934,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
10	Javelin	7,679	7,679	.....
13	Modification Kits	10,311	10,311	.....
14	Unit Operations Center	8,221	8,221	.....
18	Modification Kits	3,600	3,600	.....
19	Items Under \$5 Million (Comm & Elec)	8,693	8,693	.....
27	RQ-11 UAV	3,430	3,430	.....
52	Physical Security Equipment	7,000	7,000	.....
	Total, Procurement, Marine Corps	48,934	48,934	.....

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 2015	\$481,019,000
Budget estimate, 2016	128,900,000
Committee recommendation	128,900,000

The Committee recommends an appropriation of \$128,900,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
15	MQ-9	13,500	13,500	.....
44	C-130	1,410	1,410	.....
56	H-60	39,300	39,300	.....
58	HC/MC-130 Modifications	5,690	5,690	.....
61	MQ-9 Mods	69,000	6,900	.....
	Total, Aircraft Procurement, Air Force	128,900	128,900	.....

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 2015	\$136,189,000
Budget estimate, 2016	289,142,000
Committee recommendation	289,142,000

The Committee recommends an appropriation of \$289,142,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
6	Predator Hellfire Missile	280,902	280,902	.....
7	Small Diameter Bomb	2,520	2,520	.....
10	AGM-65D Maverick	5,720	5,720	.....
	Total, Missile Procurement, Air Force	289,142	289,142	.....

PROCUREMENT OF AMMUNITION, AIR FORCE

Appropriations, 2015	\$219,785,000
Budget estimate, 2016	228,874,000
Committee recommendation	228,874,000

The Committee recommends an appropriation of \$228,874,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
2	Cartridges	8,371	8,371	.....
4	General Purpose Bombs	17,031	17,031	.....
6	Joint Direct Attack Munition	184,412	184,412	.....
12	Flares	11,064	11,064	.....
13	Fuzes	7,996	7,996	.....
	Total, Procurement of Ammunition, Air Force	228,874	228,874	.....

OTHER PROCUREMENT, AIR FORCE

Appropriations, 2015	\$3,607,526,000
Budget estimate, 2016	3,859,964,000
Committee recommendation	3,829,964,000

The Committee recommends an appropriation of \$3,829,964,000. This is \$30,000,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
25	General Information Technology	3,953	3,953	.....
27	Mobility Command and Control	2,000	2,000	.....
42	USCENTCOM	10,000	10,000	.....
52	Tactical C-E Equipment	4,065	4,065	.....
56	Base Comm Infrastructure	15,400	15,400	.....
58	Night Vision Goggles	3,580	3,580	.....
59	Items Less Than \$5 Million	3,407	3,407	.....
62	Engineering and EOD Equipment	46,790	46,790	.....
64	Mobility Equipment	400	400	.....
65	Items Less Than \$5 Million	9,800	9,800	.....
71	Defense Space Reconnaissance Prog.	28,070	28,070	.....
71A	Classified Programs	3,732,499	3,702,499	- 30,000
	Classified program adjustment .....	.....	.....	- 30,000
	Total, Other Procurement, Air Force	3,859,964	3,829,964	- 30,000

PROCUREMENT, DEFENSE-WIDE

Appropriations, 2015	\$250,386,000
Budget estimate, 2016	212,418,000
Committee recommendation	173,918,000

The Committee recommends an appropriation of \$173,918,000. This is \$38,500,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
8	Teleport Program	1,940	1,940	.....
40A	Classified Programs	35,482	35,482	.....
41	MC-12	5,000	5,000	.....
56	Ordnance Items <\$5M	35,299	35,299	.....
61	Special Programs	15,160	15,160	.....
63	Warrior Systems <\$5M	15,000	15,000	.....
68	Operational Enhancements	104,537	66,037	- 38,500
	Classified program adjustment .....	.....	.....	- 38,500
	Total, Procurement, Defense-Wide	212,418	173,918	- 38,500

NATIONAL GUARD AND RESERVE EQUIPMENT

Appropriations, 2015 \$1,200,000,000
 Budget estimate, 2016
 Committee recommendation 1,000,000,000

The Committee recommends an appropriation of \$1,000,000,000. This is \$1,000,000,000 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, not later than 30 days after enactment of this act.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Item	2016 budget estimate	Committee recommendation	Change from budget estimate
NATIONAL GUARD AND RESERVE EQUIPMENT			
RESERVE EQUIPMENT:			
ARMY RESERVE:			
Miscellaneous Equipment		140,000	+ 140,000
NAVY RESERVE:			
Miscellaneous Equipment		50,000	+ 50,000
MARINE CORPS RESERVE:			
Miscellaneous Equipment		10,000	+ 10,000
AIR FORCE RESERVE:			
Miscellaneous Equipment		140,000	+ 140,000
TOTAL, RESERVE EQUIPMENT		340,000	+ 340,000
NATIONAL GUARD EQUIPMENT:			
ARMY NATIONAL GUARD:			
Miscellaneous Equipment		330,000	+ 330,000
AIR NATIONAL GUARD:			
Miscellaneous Equipment		330,000	+ 330,000
TOTAL, NATIONAL GUARD EQUIPMENT		660,000	+ 660,000
TOTAL, NATIONAL GUARD AND RESERVE EQUIPMENT		1,000,000	+ 1,000,000

High-Priority Items.—The Committee directs that the National Guard and Reserve Equipment account shall be executed by the Chiefs of the National Guard and reserve components with priority consideration given to the following items: HMMWV Ambulances, Data Links for Ground Vehicles, Upgrades for First Responder Tactical Radios, Acoustic Hailing Devices, Small Arms Simulation Training Systems, Crashworthy Auxiliary Fuel Systems, Laser Protective Eyewear, Helmet-Incorporated Facial Protection, Reactive Skin Decontamination Lotion, Semi-Permanent Humidity Controlled Shelters, Counter Mortar Radar Systems, Advanced Electronically Scanned Array Radars for F-16, Digital Radar Warning Receivers for F-16 and C-130, and Engine Upgrades for C-130 including Modular Blade Technology and In-Flight Propeller Balancing Systems.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The Committee recommends \$191,434,000 for research, development, test and evaluation.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Appropriations, 2015	\$2,000,000
Budget estimate, 2016	1,500,000
Committee recommendation	1,500,000

The Committee recommends an appropriation of \$1,500,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
60	Soldier Support and Survivability	1,500	1,500	.....
	Total, Research, Development, Test and Evaluation, Army	1,500	1,500	.....

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Appropriations, 2015	\$36,020,000
Budget estimate, 2016	35,747,000
Committee recommendation	35,747,000

The Committee recommends an appropriation of \$35,747,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Classified Programs	35,747	35,747	.....

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Appropriations, 2015	\$14,706,000
Budget estimate, 2016	17,100,000
Committee recommendation	17,100,000

The Committee recommends an appropriation of \$17,100,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
133	Joint Counter RCIED Electronic Warfare	300	300	.....
	Classified Programs	16,800	16,800	.....
	Total, Research, Development, Test and Evaluation, Air Force	17,100	17,100	.....

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

Appropriations, 2015	\$174,647,000
Budget estimate, 2016	137,087,000
Committee recommendation	137,087,000

The Committee recommends an appropriation of \$137,087,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Classified Programs	137,087	137,087	.....
	Total, Research, Development, Test and Evaluation, Defense-Wide	137,087	137,087	.....

REVOLVING AND MANAGEMENT FUNDS**DEFENSE WORKING CAPITAL FUNDS**

Appropriations, 2015	\$91,350,000
Budget estimate, 2016	88,850,000
Committee recommendation	88,850,000

The Committee recommends an appropriation of \$88,850,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the programs recommended by the Committee:

(In thousands of dollars)

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Transportation of Fallen Heroes	2,500	2,500	.....
	Total, Defense Working Capital Fund, Air Force	2,500	2,500	.....
	Defense Logistics Agency	86,350	86,350	.....
	Total, Defense Working Capital Fund, Defense-wide ...	86,350	86,350	.....
	Grand Total, Defense Working Capital Funds	88,850	88,850	.....

OTHER DEPARTMENT OF DEFENSE PROGRAMS

DEFENSE HEALTH PROGRAM

Appropriations, 2015	\$300,531,000
Budget estimate, 2016	272,704,000
Committee recommendation	272,704,000

The Committee recommends an appropriation of \$272,704,000. This is equal to the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Operation and Maintenance			
	In-House Care	65,149	65,149	
	Private Sector Care	192,210	192,210	
	Consolidated Health Care	9,460	9,460	
	Education and Training	5,885	5,885	
	Total, Defense Health Program	272,704	272,704	

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

Appropriations, 2015	\$205,000,000
Budget estimate, 2016	186,000,000
Committee recommendation	186,000,000

The Committee recommends an appropriation of \$186,000,000. This is equal to the budget estimate.

JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

Appropriations, 2015	\$444,464,000
Budget estimate, 2016	493,271,000
Committee recommendation	290,000,000

The Committee recommends an appropriation of \$290,000,000. This is \$203,271,000 below the budget estimate.

COMMITTEE RECOMMENDED PROGRAM

The following table details the program recommended by the Committee:

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
1	Network Attack	219,550	204,550	- 15,000
	Restoring acquisition accountability: Unjustified request			- 15,000
2	JIEDDO Device Defeat	77,600	77,600	
3	Force Training	7,850	7,850	
4	Staff and Infrastructure	188,271		- 188,271
	Maintain program affordability: Maintain same level of infrastructure as previous year			- 43,807
	Transfer JIEDDO OCO: Staff and Infrastructure to OMDW OCO			- 144,464

[In thousands of dollars]

Line	Item	2016 budget estimate	Committee recommendation	Change from budget estimate
	Total, JIEDDO	493,271	290,000	- 203,271

Joint Improvised Explosive Device Defeat Organization [JIEDDO].—The fiscal year 2016 President’s budget request includes \$493,271,000 in Overseas Contingency Operations [OCO] funding. To preserve the essential joint capabilities of JIEDDO and eliminate any duplication with service capabilities, the Committee recommends transferring \$144,464,000 to the Operations and Maintenance, Defense-Wide OCO account.

OFFICE OF THE INSPECTOR GENERAL

Appropriations, 2015	\$10,623,000
Budget estimate, 2016	10,262,000
Committee recommendation	10,262,000

The Committee recommends an appropriation of \$10,262,000. This is equal to the budget estimate.

GENERAL PROVISIONS—THIS TITLE

SEC. 9001. *OCO Designation.*—Inserts a new provision which requires the President to designate all of the Overseas Contingency Operation/Global War on Terrorism funds provided by this act before any of the funds are available for obligation.

SEC. 9002. *Funds in Addition to Base.*—Retains and modifies a provision carried in previous years.

SEC. 9003. *Special Transfer Authority.*—Retains and modifies a provision carried in previous years.

SEC. 9004. *Supervision and Administration Costs.*—Retains a provision carried in previous years.

SEC. 9005. *Vehicle Procurement.*—Retains and modifies a provision carried in previous years.

SEC. 9006. *Commander’s Emergency Response Program.*—Retains and modifies a provision carried in previous years.

SEC. 9007. *Coalition Lift and Sustainment.*—Retains and modifies a provision carried in previous years.

SEC. 9008. *Permanent Military Installations.*—Retains a provision carried in previous years.

SEC. 9009. *U.N. Convention Against Torture.*—Retains a provision carried in previous years.

SEC. 9010. *Afghanistan Resource Oversight Council.*—Retains a provision carried in previous years.

SEC. 9011. *Investment Unit Cost.*—Retains a provision carried in previous years.

SEC. 9012. *Office of Security Cooperation in Iraq.*—Retains and modifies a provision carried in previous years.

SEC. 9013. *Syria War Powers Contravention.*—Retains a provision carried in previous years.

SEC. 9014. *Ukraine Security Assistance Initiative.*—Inserts a new provision which provides assistance and sustainment to the military and national security forces of Ukraine.

SEC. 9015. *C-130 Cargo Aircraft Transfers*.—Retains a provision carried in previous years.

SEC. 9016. *Afghanistan Infrastructure Fund*.—Inserts a new provision regarding the availability of funds for the Afghanistan Infrastructure Fund.

SEC. 9017. Inserts a new provision expressing the Sense of the Senate on the Authorization for Use of Military Force.

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.”

The Committee recommends funding for the following accounts which currently lack authorization for fiscal year 2016:

Military Personnel, Army
Military Personnel, Navy
Military Personnel, Marine Corps
Military Personnel, Air Force
Reserve Personnel, Army
Reserve Personnel, Navy
Reserve Personnel, Marine Corps
Reserve Personnel, Air Force
National Guard Personnel, Army
National Guard Personnel, Air Force
Operation and Maintenance, Army
Operation and Maintenance, Navy
Operation and Maintenance, Marine Corps
Operation and Maintenance, Air Force
Operation and Maintenance, Defense-Wide
Operation and Maintenance, Army Reserve
Operation and Maintenance, Navy Reserve
Operation and Maintenance, Marine Corps Reserve
Operation and Maintenance, Air Force Reserve
Operation and Maintenance, Army National Guard
Operation and Maintenance, Air National Guard
United States Court of Appeals for the Armed Forces
Environmental Restoration, Army
Environmental Restoration, Navy
Environmental Restoration, Air Force
Environmental Restoration, Defense-Wide
Environmental Restoration, Formerly Used Defense Sites
Overseas Humanitarian, Disaster, and Civic Aid
Cooperative Threat Reduction Account
Afghanistan Security Forces Fund
Iraq Train and Equip Fund
Syria Train and Equip Fund
Aircraft Procurement, Army
Missile Procurement, Army
Procurement of Weapons and Tracked Combat Vehicles, Army
Procurement of Ammunition, Army
Other Procurement, Army

Aircraft Procurement, Navy
Weapons Procurement, Navy
Procurement of Ammunition, Navy and Marine Corps
Shipbuilding and Conversion, Navy
Carrier Replacement Program
Carrier Replacement Program [AP]
Virginia Class Submarine
Virginia Class Submarine [AP]
CVN Refueling Overhauls
CVN Refueling Overhauls [AP]
DDG-1000 Program
DDG-51 Destroyer
Littoral Combat Ship
LPD-17
Afloat Forward Staging Base [AP]
LHA Replacement [AP]
LX(R) [AP]
Joint High Speed Vessel
TAO Fleet Oiler
T-ATS(X) Fleet Tug
LCU Replacement
Moored Training ship [AP]
Outfitting, Post Delivery, Conversions and First Destination
Transportation
Ship to Shore Connector
Service Craft
LCAC Service Life Extension Program
YP Craft Maintenance/ROH/SLEP
Completion of Prior Year Shipbuilding Programs
Other Procurement, Navy
Procurement, Marine Corps
Aircraft Procurement, Air Force
Missile Procurement, Air Force
Space Procurement, Air Force
Procurement of Ammunition, Air Force
Other Procurement, Air Force
Procurement, Defense-Wide
National Guard and Reserve Equipment
Research, Development, Test and Evaluation, Army
Research, Development, Test and Evaluation, Navy
Research, Development, Test and Evaluation, Air Force
Research, Development, Test and Evaluation, Defense-Wide
Operational Test and Evaluation, Defense
Defense Working Capital Funds
National Defense Sealift Fund
Defense Health Program
Chemical Agents and Munitions Destruction, Defense
Drug Interdiction and Counter-Drug Activities, Defense
Joint Improvised Explosive Device Defeat Fund
Office of the Inspector General
Intelligence Community Management Account

COMPLIANCE WITH PARAGRAPH 7(c), RULE XXVI OF THE
STANDING RULES OF THE SENATE

Pursuant to paragraph 7(c) of rule XXVI, on June 11, 2015, the Committee ordered favorably reported an original bill making appropriations for the Department of Defense for the fiscal year ending September 30, 2016, and for other purposes, provided, that the bill be subject to amendment and that the bill be consistent with its budget allocation, by a recorded vote of 27–3, a quorum being present. The vote was as follows:

Yeas	Nays
Chairman Cochran	Mrs. Murray
Mr. McConnell	Mr. Reed
Mr. Shelby	Mr. Tester
Mr. Alexander	
Ms. Collins	
Ms. Murkowski	
Mr. Graham	
Mr. Kirk	
Mr. Blunt	
Mr. Moran	
Mr. Hoeven	
Mr. Boozman	
Mrs. Capito	
Mr. Cassidy	
Mr. Lankford	
Mr. Daines	
Ms. Mikulski	
Mr. Leahy	
Mrs. Feinstein	
Mr. Durbin	
Mr. Udall	
Mrs. Shaheen	
Mr. Merkley	
Mr. Coons	
Mr. Schatz	
Ms. Baldwin	
Mr. Murphy	

COMPLIANCE WITH PARAGRAPH 12, RULE XXVI OF THE
STANDING RULES OF THE SENATE

Paragraph 12 of rule XXVI requires that Committee reports on a bill or joint resolution repealing or amending any statute or part of any statute include “(a) the text of the statute or part thereof which is proposed to be repealed; and (b) a comparative print of that part of the bill or joint resolution making the amendment and of the statute or part thereof proposed to be amended, showing by stricken-through type and italics, parallel columns, or other appropriate typographical devices the omissions and insertions which would be made by the bill or joint resolution if enacted in the form recommended by the Committee.”

The Committee bill as recommended contains no such provisions.

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 in bill	Committee allocation	Amount in bill
Comparison of amounts in the bill with the subcommittee allocation for 2016: Subcommittee on Defense:				
Mandatory	514	514	514	514
Discretionary	489,131	489,131	509,550	509,521
Security	488,995	488,995	NA	NA
Nonsecurity	136	136	NA	NA
Overseas Contingency Operations/Global War on Terrorism	86,869	86,868	45,626	48,859
Projections of outlays associated with the recommendation:				
2016				354,722
2017				127,729
2018				49,791
2019				23,592
2020 and future years				17,399
Financial assistance to State and local governments for 2016	NA		NA	

¹ Includes outlays from prior-year budget authority.

² Excludes outlays from prior-year budget authority.

NA: Not applicable.

NOTE.—Consistent with the funding recommended in the bill for overseas contingency operations and in accordance with section 3102(f) of the conference report on the concurrent resolution on the budget for fiscal year 2016 (S. Con. Res. 11), the Committee anticipates that the Budget Committee will provide a revised 302(a) allocation for the Committee on Appropriations for overseas contingency operations reflecting an upward adjustment in outlays.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2015 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2016
(In thousands of dollars)

Item	2015 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2015 appropriation	Budget estimate
TITLE I					
MILITARY PERSONNEL					
Military personnel, Army	41,116,129	41,130,748	41,038,287	-77,842	-92,461
Military personnel, Navy	27,453,200	28,262,396	27,983,432	+530,232	-278,964
Military personnel, Marine Corps	12,828,931	13,125,349	12,953,400	+174,469	-171,949
Military personnel, Air Force	27,376,462	27,989,322	27,756,536	+380,074	-212,786
Reserve personnel, Army	4,317,859	4,550,974	4,418,714	+100,855	-132,260
Reserve personnel, Navy	1,835,924	1,884,991	1,849,541	+13,617	-35,450
Reserve personnel, Marine Corps	660,424	706,481	697,839	+37,415	-8,642
Reserve personnel, Air Force	1,653,148	1,696,283	1,676,551	+23,403	-19,732
National Guard personnel, Army	7,643,832	7,942,132	7,862,122	+218,290	-80,010
National Guard personnel, Air Force	3,118,709	3,222,551	3,205,691	+86,982	-16,860
Total, Title I, Military personnel	128,004,618	130,491,227	129,442,113	+1,437,495	-1,049,114
TITLE II					
OPERATION AND MAINTENANCE					
Operation and maintenance, Army	31,961,920	35,107,546	27,285,099	-4,676,821	-7,822,447
Operation and maintenance, Navy	37,590,854	42,200,756	25,933,099	-11,657,755	-16,267,657
Operation and maintenance, Marine Corps	5,610,063	6,228,782	5,277,785	-332,278	-950,997
Operation and maintenance, Air Force	34,539,965	38,191,979	26,144,988	-8,394,977	-12,046,941
Operation and maintenance, Defense-Wide	30,824,732	32,440,843	32,124,431	+1,299,679	-316,412
Operation and maintenance, Army Reserve	2,513,393	2,665,792	2,679,992	+166,599	+14,200
Operation and maintenance, Navy Reserve	1,021,200	1,001,758	998,758	-22,442	-3,000
Operation and maintenance, Marine Corps Reserve	270,846	277,036	277,036	+6,190	.....
Operation and maintenance, Air Force Reserve	3,026,342	3,064,257	3,056,357	+30,015	-7,900
Operation and maintenance, Army National Guard	6,175,951	6,717,977	6,746,302	+570,351	+28,325
Operation and maintenance, Air National Guard	6,408,538	6,956,210	6,951,010	+542,452	-5,200

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2015 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2016—Continued
(In thousands of dollars)

Item	2015 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2015 appropriation	Budget estimate
United States Court of Appeals for the Armed Forces	13,723	14,078	14,078	+ 355	.....
Environmental restoration, Army	201,560	234,829	234,829	+ 33,269	.....
Environmental restoration, Navy	277,294	292,453	292,453	+ 15,159	.....
Environmental restoration, Air Force	408,716	368,131	368,131	- 40,585	.....
Environmental restoration, Defense-Wide	8,547	8,232	8,232	- 315	.....
Environmental restoration, Formerly Used, Defense Sites	250,853	203,717	233,717	- 17,136	+ 30,000
Overseas Humanitarian, Disaster, and Civic Aid	103,000	100,266	100,266	- 2,734	.....
Cooperative Threat Reduction Account	365,108	358,496	358,496	- 6,612	.....
Department of Defense Acquisition Workforce Development Fund	83,034	84,140	84,140	+ 1,106	.....
Total, Title II, Operation and maintenance	161,655,679	176,517,228	139,169,199	- 22,486,480	- 37,348,029
TITLE III					
PROCUREMENT					
Aircraft procurement, Army	5,216,225	5,689,357	5,465,751	+ 249,526	- 223,606
Missile procurement, Army	1,208,692	1,419,957	1,667,167	+ 458,475	+ 247,210
Procurement of weapons and tracked combat vehicles, Army	1,722,136	1,887,073	1,914,446	+ 192,310	+ 27,373
Procurement of ammunition, Army	1,015,477	1,233,378	1,247,426	+ 231,949	+ 14,048
Other procurement, Army	4,747,523	5,899,028	5,648,874	+ 901,351	- 250,154
Aircraft procurement, Navy	14,758,035	16,126,405	17,392,174	+ 2,634,139	+ 1,265,769
Weapons procurement, Navy	3,137,257	3,154,154	3,172,822	+ 35,565	+ 18,668
Procurement of ammunition, Navy and Marine Corps	674,100	723,741	728,741	+ 54,641	+ 5,000
Shipbuilding and conversion, Navy	15,954,379	16,597,457	18,176,362	+ 2,221,983	+ 1,578,905
Other procurement, Navy	5,846,558	6,614,715	6,329,750	+ 483,192	- 284,965
Procurement, Marine Corps	935,209	1,131,418	1,239,618	+ 304,409	+ 108,200
Aircraft procurement, Air Force	12,067,703	15,657,769	15,890,661	+ 3,822,958	+ 232,892
Missile procurement, Air Force	4,629,662	2,987,045	2,965,869	- 1,663,793	- 21,176
Space procurement, Air Force .....	.....	2,584,061	2,891,159	+ 2,891,159	+ 307,098
Procurement of ammunition, Air Force	659,909	1,758,843	1,797,343	+ 1,137,434	+ 38,500

Other procurement, Air Force	16,781,266	18,272,438	17,997,359	+ 1,216,093	- 275,079
Procurement, Defense-Wide	4,429,303	5,130,853	5,211,532	+ 782,229	+ 80,679
Defense Production Act purchases	51,638	46,680	76,680	+ 25,042	+ 30,000
Total, Title III, Procurement	93,833,072	106,914,372	109,813,734	+ 15,978,662	+ 2,899,362
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, development, test and evaluation, Army	6,675,565	6,924,959	7,096,935	+ 421,370	+ 171,976
Research, development, test and evaluation, Navy	15,958,460	17,885,916	18,236,645	+ 2,278,185	+ 350,729
Research, development, test and evaluation, Air Force	23,643,983	26,473,669	25,874,116	+ 2,230,133	- 599,553
Research, development, test and evaluation, Defense-Wide	17,225,889	18,329,861	18,926,433	+ 1,700,544	+ 596,572
Operational test and evaluation, Defense	209,378	170,558	190,558	- 18,820	+ 20,000
Total, Title IV, Research, development, test and evaluation	63,713,275	69,784,963	70,324,687	+ 6,611,412	+ 539,724
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds	1,649,468	1,312,568	1,779,568	+ 130,100	+ 467,000
National Defense Sealift Fund	485,012	474,164	474,164	- 10,848	.....
Total, Title V, Revolving and Management Funds	2,134,480	1,786,732	2,253,732	+ 119,252	+ 467,000
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program:					
Operation and maintenance	30,030,650	30,889,940	30,103,891	+ 73,241	- 786,049
Procurement	308,413	373,287	365,390	+ 56,977	- 7,897
Research, development, test and evaluation	1,730,709	980,101	1,798,633	+ 67,924	+ 818,532
Total, Defense Health Program^{1 3}	32,069,772	32,243,328	32,267,914	+ 198,142	+ 24,586
Chemical Agents and Munitions Destruction, Defense:					
Operation and maintenance	196,128	139,098	118,198	- 77,930	- 20,900
Procurement	10,227	2,281	2,281	- 7,946	.....

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2015 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2016—Continued
[In thousands of dollars]

Item	2015 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2015 appropriation	Budget estimate
Research, development, test and evaluation	595,913	579,342	579,342	- 16,571	.....
Total, Chemical Agents ²	802,268	720,721	699,821	- 102,447	- 20,900
Drug Interdiction and Counter-Drug Activities, Defense .....	.....	.....	.....	.....	.....
Counter-narcotics support	669,631	739,009	681,109	+ 11,478	- 57,900
Drug demand reduction program	105,591	111,589	119,589	+ 13,998	+ 8,000
National Guard counter-drug program	175,465	.....	192,900	+ 17,435	+ 192,900
National Guard counter-drug schools .....	.....	.....	20,000	+ 20,000	+ 20,000
Total, Drug Interdiction and Counter-Drug Activities, Defense ⁴	950,687	850,598	1,013,598	+ 62,911	+ 163,000
Joint Urgent Operational Needs Fund .....	.....	99,701	.....	.....	- 99,701
Support for International Sporting Competitions ¹	10,000	.....	.....	- 10,000	.....
Office of the Inspector General ¹	311,830	316,159	312,559	+ 729	- 3,600
Total, Title VI, Other Department of Defense Programs	34,144,557	34,230,507	34,293,892	+ 149,335	+ 63,385
TITLE VII					
RELATED AGENCIES					
Central Intelligence Agency Retirement and Disability System Fund	514,000	514,000	514,000	.....	.....
Intelligence Community Management Account [ICMA]	507,600	530,023	513,923	+ 6,323	- 16,100
Total, Title VII, Related agencies	1,021,600	1,044,023	1,027,923	+ 6,323	- 16,100
TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (Sec. 8005)	(4,500,000)	(5,500,000)	(5,000,000)	(+ 500,000)	(- 500,000)

Operation and maintenance, Defense-Wide	175,000				-175,000		
FFRDC (Sec. 8023)	-40,000			-65,000	-25,000		-65,000
Overseas Military Facility Investment Recovery (Sec. 8028)		1,000		1,000	+1,000		
Rescissions (Sec. 8040)				-1,279,038	-51,018		-1,279,038
National grants (Sec. 8046)	44,000			20,000	-24,000		+20,000
O&M, Defense-wide transfer authority (Sec. 8050)	(30,000)	(30,000)		(30,000)			
Global Security Contingency Fund (O&M, Defense-wide transfer)	(200,000)				(-200,000)		
Fisher House Foundation	4,000				-4,000		
Revised economic assumptions (Sec. 8074)	-386,268			-1,201,800	-815,532		-1,201,800
Fisher House O&M Army Navy Air Force transfer authority (Sec. 8098)	(11,000)	(11,000)		(11,000)			
Defense Health O&M transfer authority (Sec. 8094)	(146,857)	(121,000)		(121,000)	(-25,857)		
Ship Modernization, Operations and Sustainment Fund	540,000				-540,000		
Revised fuel costs (Sec. 8107)					-827,000		-827,000
John C. Stennis Center for Public Service Development Trust Fund (O&M, Navy transfer authority) (Sec. 8103)	(1,000)	(1,000)		(1,000)			
Basic allowance for housing	88,000				-88,000		
Total, Title VIII, General Provisions	-803,288	1,000		-3,351,838	-2,548,550		-3,352,838
TITLE IX							
OVERSEAS CONTINGENCY OPERATIONS (OCO)							
Military Personnel							
Military personnel, Army (OCO)	3,259,970	1,828,441		1,828,441	-1,431,529		
Military personnel, Navy (OCO)	332,166	251,011		251,011	-81,155		
Military personnel, Marine Corps (OCO)	403,311	171,079		171,079	-232,232		
Military personnel, Air Force (OCO)	728,334	726,126		726,126	-2,208		
Reserve personnel, Army (OCO)	24,990	24,462		24,462	-528		
Reserve personnel, Navy (OCO)	13,953	12,693		12,693	-1,260		
Reserve personnel, Marine Corps (OCO)	5,069	3,393		3,393	-1,676		
Reserve personnel, Air Force (OCO)	19,175	18,710		18,710	-465		
National Guard personnel, Army (OCO)	174,778	166,015		166,015	-8,763		
National Guard personnel, Air Force (OCO)	4,894	2,828		2,828	-2,066		
Total, Military Personnel	4,966,640	3,204,758		3,204,758	-1,761,882		
Operation and Maintenance							
Operation and maintenance, Army (OCO)	18,108,656	11,382,750		18,930,336	+821,680		+7,547,586
Operation and maintenance, Navy (OCO)	6,253,819	5,131,588		21,008,396	+14,754,577		+15,876,808

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2015 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2016—Continued
(In thousands of dollars)

Item	2015 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2015 appropriation	Budget estimate
Coast Guard (by transfer) (OCO)	1,850,984	(160,002)	1,879,613	28,629	(-160,002)
Operation and maintenance, Marine Corps (OCO)	952,534	952,534	1,879,613	+28,629	+927,079
Operation and maintenance, Air Force (OCO)	10,076,383	9,090,013	21,161,888	+11,085,505	+12,071,875
Operation and maintenance, Defense-Wide (OCO)	6,211,025	5,805,633	6,850,097	+639,072	+1,044,464
Coalition support funds (OCO)	(1,260,000)	(1,260,000)	(1,160,000)	(-100,000)	(-100,000)
Operation and maintenance, Army Reserve (OCO)	41,532	24,559	24,559	-16,973	
Operation and maintenance, Navy Reserve (OCO)	45,876	31,643	31,643	-14,233	
Operation and maintenance, Marine Corps Reserve (OCO)	10,540	3,455	3,455	-7,085	
Operation and maintenance, Air Force Reserve (OCO)	77,794	58,106	58,106	-19,688	
Operation and maintenance, Army National Guard (OCO)	77,661	60,845	60,845	-16,816	
Operation and maintenance, Air National Guard (OCO)	22,600	19,900	19,900	-2,700	
Subtotal, Operation and maintenance	42,776,870	32,561,026	70,028,838	+27,251,968	+37,467,812
Counterterrorism Partnerships Fund (OCO)	1,300,000	2,100,000		-1,300,000	-2,100,000
European Reassurance Initiative (OCO)	175,000			-175,000	
Afghanistan Security Forces Fund (OCO)	4,109,333	3,762,257	3,360,357	-748,976	-401,900
Iraq Train and Equip Fund (OCO)	1,618,000	715,000	715,000	-903,000	
Syria Train and Equip Fund (OCO)		600,000	531,450	+531,450	-68,550
Total, Operation and maintenance	49,979,203	39,738,283	74,635,645	+24,656,442	+34,897,362
Procurement					
Aircraft procurement, Army (OCO)	196,200	164,987	158,087	-38,113	-6,900
Missile procurement, Army (OCO)	32,136	37,260	37,260	+5,124	
Procurement of weapons and tracked combat vehicles, Army (OCO)	5,000	26,030	26,030	+21,030	
Procurement of ammunition, Army (OCO)	140,905	192,040	192,040	+51,135	
Other procurement, Army (OCO)	773,583	1,205,596	1,205,596	+432,013	
Aircraft procurement, Navy (OCO)	243,359	217,394	217,394	-25,965	
Weapons procurement, Navy (OCO)	66,785	3,344	3,344	-63,441	

Procurement of ammunition, Navy and Marine Corps (OCO)	154,519	136,930	136,930	136,930	-17,589		
Other procurement, Navy (OCO)	123,710	12,186	12,186	12,186	-111,524		
Procurement, Marine Corps (OCO)	65,589	48,934	48,934	48,934	-16,655		
Aircraft procurement, Air Force (OCO)	481,019	128,900	128,900	128,900	-352,119		
Missile procurement, Air Force (OCO)	136,189	289,142	289,142	289,142	+152,953		
Procurement of ammunition, Air Force (OCO)	219,785	228,874	228,874	228,874	+9,089		
Other procurement, Air Force (OCO)	3,607,526	3,859,964	3,829,964	3,829,964	+222,438	-30,000	
Procurement, Defense-Wide (OCO)	250,386	212,418	173,918	173,918	-76,468	-38,500	
National Guard and Reserve equipment (OCO)	1,200,000		1,000,000	1,000,000	-200,000	+1,000,000	
Total, Procurement	7,696,691	6,763,999	7,688,599	7,688,599	-8,092	+924,600	
Research, Development, Test and Evaluation							
Research, development, test and evaluation, Army (OCO)	2,000	1,500	1,500	1,500	-500		
Research, development, test and evaluation, Navy (OCO)	36,020	35,747	35,747	35,747	-273		
Research, development, test and evaluation, Air Force (OCO)	14,706	17,100	17,100	17,100	+2,394		
Research, development, test and evaluation, Defense-Wide (OCO)	174,647	137,087	137,087	137,087	-37,560		
Total, Research, development, test and evaluation	227,373	191,434	191,434	191,434	-35,939		
Revolving and Management Funds							
Defense Working Capital Funds (OCO)	91,350	88,850	88,850	88,850	-2,500		
Other Department of Defense Programs							
Defense Health Program:							
Operation and maintenance (OCO)	300,531	272,704	272,704	272,704	-27,827		
Drug Interdiction and Counter-Drug Activities, Defense (OCO)	205,000	186,000	186,000	186,000	-19,000		
Joint Improvised Explosive Device Defeat Fund (OCO)	444,464	493,271	290,000	290,000	-154,464	-203,271	
Office of the Inspector General (OCO)	10,623	10,262	10,262	10,262	-361		
Total, Other Department of Defense programs	960,618	962,237	758,966	758,966	-201,652	-203,271	
TITLE IX General Provisions							
Additional transfer authority (OCO) (Sec. 9003)	(3,500,000)	(3,500,000)	(3,500,000)	(3,500,000)			
Rescissions (OCO)	-1,236,580				+1,236,580		
Unexploded ordnance (OCO)	250,000				-250,000		
Readiness (OCO)	1,000,000				-1,000,000		
Ukraine security assistance initiative (OCO) (Sec. 9014)			300,000	300,000	+300,000	+300,000	

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 2015 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL
FOR FISCAL YEAR 2016—Continued
(In thousands of dollars)

Item	2015 appropriation	Budget estimate	Committee recommendation	Senate Committee recommendation compared with (+ or -)	
				2015 appropriation	Budget estimate
Total, General Provisions	13,420	.....	300,000	+ 286,580	+ 300,000
Total, Title IX	63,935,295	50,949,561	86,868,252	+ 22,932,957	+ 35,918,691
TITLE X					
EBOLA RESPONSE AND PREPAREDNESS					
DEPARTMENT OF DEFENSE					
Procurement, Defense-Wide (emergency)	17,000	.....	.....	- 17,000	.....
Research, development, test and evaluation, Defense-Wide (emergency)	95,000	.....	.....	- 95,000	.....
Total, Title X	112,000	.....	.....	- 112,000	.....
Grand Total	547,753,288	571,719,613	569,841,694	+ 22,088,406	- 1,877,919
Appropriations	(484,934,013)	(520,770,052)	(484,252,480)	(- 681,533)	(- 36,517,572)
Emergency appropriations	(112,000)	.....	.....	(- 112,000)	.....
Overseas contingency operations (OCO)	(65,171,875)	(50,949,561)	(86,868,252)	(+ 21,696,377)	(+ 35,918,691)
Rescissions	(- 1,228,020)	.....	(- 1,279,038)	(- 51,018)	(- 1,279,038)
Rescissions (OCO)	(- 1,236,580)	.....	.....	(+ 1,236,580)	.....

¹Included in Budget under Operation and Maintenance.
²Included in Budget under Procurement.
³Budget request assumes enactment of DOD's pharmacy/Consolidated Health Plan proposals.
⁴Budget request does not break out total recommended in bill language.

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