

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2017

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, 2016.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

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Mr. FRELINGHUYSEN of New Jersey, from the Committee on Appropriations, submitted the following

R E P O R T

[To accompany H.R.     ]

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for the Department of Defense, and for other purposes, for the fiscal year ending September 30, 2017.

BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for fiscal year 2017. This bill does not provide appropriations for military construction, military family housing, civil defense, and military nuclear warheads, for which requirements are considered in connection with other appropriations Acts.

The President's fiscal year 2017 budget request for activities funded in the Department of Defense Appropriations Act totals \$576,856,382,000 in new budget obligational authority.

COMPARATIVE STATEMENT OF NEW BUDGET AUTHORITY FOR 2016 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2017  
(Amounts in Thousands)

	FY 2016 Enacted	FY 2017 Request	Bill	Bill vs. Enacted	Bill vs. Request
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RECAPITULATION					
Title I - Military Personnel.....	129,228,658	128,902,332	128,168,468	-1,060,190	-733,864
Title II - Operation and Maintenance.....	167,485,170	171,318,488	173,680,060	+6,194,890	+2,361,572
Title III - Procurement.....	110,841,627	101,916,357	104,208,070	-6,633,557	+2,291,713
Title IV - Research, Development, Test and Evaluation...	69,784,665	71,391,771	70,285,388	+500,723	-1,106,383
Title V - Revolving and Management Funds.....	2,212,932	1,371,613	1,371,613	-841,319	---
Title VI - Other Department of Defense Programs.....	34,392,468	35,284,674	35,358,421	+965,953	+73,747
Title VII - Related Agencies.....	1,019,206	1,047,596	997,596	-21,610	-50,000
Title VIII - General Provisions (net).....	-6,986,726	---	-3,423,616	+3,563,110	-3,423,616
Title IX - Global War on Terrorism (GWOT).....	58,638,000	58,625,551	58,626,000	-12,000	+449
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Total, Department of Defense.....	566,616,000	569,858,382	569,272,000	+2,656,000	-586,382
Scorekeeping adjustments.....	6,672,000	6,998,000	6,998,000	+326,000	---
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Total mandatory and discretionary.....	573,288,000	576,856,382	576,270,000	+2,982,000	-586,382
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## COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2017 budget request and execution of appropriations for fiscal year 2016, the Subcommittee on Defense held a total of eleven hearings and six formal briefings during the period of February 2016 to April 2016. Testimony received by the Subcommittee totaled 950 pages of transcript. Hearings were held in open session, except when the security classification of the material to be discussed presented no alternative but to conduct those hearings in executive or closed session.

## INTRODUCTION

The Committee recommendation for the fiscal year 2017 Department of Defense base budget is \$517,130,000,000, which is a decrease of \$586,831,000 below the budget request. The Committee recommendation for overseas contingency operations/global war on terrorism is \$58,626,000,000, which is an increase of \$449,000 above the budget request.

To reach the reduced base allocation, the Subcommittee has reviewed in detail the budget request and found areas and programs where reductions are possible without adversely impacting the warfighter or modernization and readiness efforts. Examples of such reductions include: programs that have been terminated or restructured since the budget was submitted, savings from favorable contract pricing adjustments, contract or schedule delays resulting in fiscal year 2017 savings, unjustified cost increases or funding requested ahead of need, anticipated or historical underexecution, rescissions of unneeded prior year funds, and reductions that are authorized in the National Defense Authorization Act for fiscal year 2017.

In spite of recent force reductions, missions and operations tempo have increased. Simultaneously, funding cuts as a result of sequestration have forced the Services to choose between addressing readiness needs and funding other essential programs. Consequently, neither is properly funded. At the same time, strategic peers and adversaries continue to modernize their equipment and technology, eroding the technological and strategic advantages that have provided United States troops with decisive superiority when they enter battle. This erosion directly threatens the global stability which has prevented widespread conflicts since World War II.

To address these concerns, the Committee has moved funds from overseas contingency operations/global war on terrorism (OCO/GWOT) requirements to invest in readiness and equipment modernization, and ensure all servicemembers are properly prepared and equipped for battle. The Committee has provided funding to fully support OCO/GWOT requirements for warfighters until the end of April 2017. Additional OCO/GWOT funding will be required in calendar year 2017 to support ongoing operations.

Funding above the President's request to support readiness and equipment needs across the Services and the defense agencies includes \$1,648,895,000 for facilities sustainment, restoration, and modernization; \$6,383,235,000 for operation and maintenance and general readiness requirements; and \$9,569,556,000 for equipment recapitalization and modernization.

The Committee is also concerned that the cuts to end strength in recent years have eroded morale, readiness, and strategic superiority. The draw down of end strength that was put in motion five years ago did not account for the current global uncertainty and instability of adversaries. Simply put, the budget request for end strength in fiscal year 2017 does not address the evolving threats that exist today. The Committee recommendation provides an additional \$2,989,012,000 in the military personnel and operation and maintenance accounts to restore end strength to an appropriate level.

#### 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, 2017, 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 2018, 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 2018.

#### FUNDING INCREASES

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

#### COMMITTEE RECOMMENDATIONS BY MAJOR CATEGORY

##### ACTIVE, RESERVE, AND NATIONAL GUARD MILITARY PERSONNEL

In title I of the bill, the Committee recommends a total of \$128,168,468,000 for active, reserve, and National Guard military personnel, a decrease of \$733,864,000 below the budget request, and a decrease of \$1,060,190,000 below the fiscal year 2016 enacted level. The Committee recommendation provides funding to increase basic pay for all military personnel by 2.1 percent, as authorized by current law, effective January 1, 2017. The recommendation provides the resources required for an additional 28,715 active forces and 25,000 Selected Reserve forces above the requested end



strength levels in order to meet operational needs in fiscal year 2017.

#### OPERATION AND MAINTENANCE

In title II of the bill, the Committee recommends a total of \$173,680,060,000 for operation and maintenance support to the military Services and other Department of Defense entities, an increase of \$2,361,572,000 above the budget request, and an increase of \$6,194,890,000 above the fiscal year 2016 enacted level. The recommended levels will robustly fund operational training programs in fiscal year 2017. Requests for unit and depot-level maintenance, facilities sustainment, restoration and modernization, and base operations support program funding have been fully supported.

#### PROCUREMENT

In title III of the bill, the Committee recommends a total of \$104,208,070,000 for procurement. In title IX of the bill, the Committee recommends a total of \$7,277,843,000 for additional base requirements.

Major initiatives and modifications include:

\$881,124,000 for the remanufacture of 52 AH-64 Apache helicopters;

\$374,210,000 for the procurement of ten AH-64 Apache helicopters; an increase of \$374,210,000 and ten helicopters above the President's request;

\$1,195,346,000 for the procurement of 72 UH-60 Blackhawk helicopters; an increase of \$440,200,000 and 36 helicopters above the President's request;

\$688,857,000 for the procurement of 27 CH-47 Chinook helicopters;

\$423,201,000 for the procurement of 85 MSE missiles for the Patriot missile system;

\$541,598,000 for the procurement of WIN-T Ground Forces Tactical Networks;

\$131,000,000 for the procurement of 20 UH-72A Lakota helicopters;

\$439,831,000 for the procurement of 123 Stryker vehicle upgrades;

\$250,388,000 for the procurement of 12 MQ-1 Gray Eagle unmanned aerial vehicles;

\$1,200,000,000 for the procurement of 14 F/A-18E/F Super Hornet aircraft, an increase of \$1,200,000,000 and 14 aircraft above the President's request;

\$1,821,245,000 for the procurement of 11 P-8A Poseidon multi-mission aircraft;

\$805,682,000 for the procurement of 26 UH-1Y/AH-1Z helicopters, an increase of two aircraft above the President's request;

\$8,318,512,000 for the procurement of 74 F-35 Lightning aircraft, an increase of \$988,200,000 and 11 aircraft above the President's request: 18 short take-off and vertical landing variants for the Marine Corps, eight carrier variants for the Navy, and 48 conventional variants for the Air Force;

\$21,570,824,000 for the procurement of 15 Navy ships, including two DDG-51 guided missile destroyers, two fully funded SSN-774 attack submarines, three Littoral Combat Ships, one moored train-

ing ship, one LHA replacement, one amphibious ship replacement, and five ship to shore connectors, an increase of \$3,215,950,000 and five ships above the President's request;

\$773,138,000 for the initial procurement of the Ohio Replacement Submarine;

\$1,961,471,000 for the procurement of 24 C/HC/MC/KC-130J aircraft, an increase of \$748,012,000 and ten aircraft above the President's request;

\$1,616,929,000 for the procurement of 21 MV/CV-22 aircraft, an increase of five aircraft and \$352,795,000 above the President's request;

\$453,030,000 for the procurement of 24 MQ-9 Reaper unmanned aerial vehicles;

\$2,801,891,000 for the procurement of 15 KC-46 tanker aircraft;

\$1,028,439,000 for the procurement of three Evolved Expendable Launch Vehicles; and

\$332,000,000 for the Israeli Cooperative Programs under the Missile Defense Agency, an increase of \$290,000,000 above the President's request.

#### RESEARCH, DEVELOPMENT, TEST AND EVALUATION

In title IV of the bill, the Committee recommends a total of \$70,285,388,000 for research, development, test and evaluation. In title IX of the bill, the Committee recommends a total of \$162,990,000 for additional base requirements.

Major initiatives and modifications include:

\$700,811,000 for the continued development of the replacement for the Ohio class ballistic missile submarine;

\$311,947,000 for the continued development of the E-2D Advanced Hawkeye aircraft;

\$545,822,000 for the continued development of the Next Generation Jammer;

\$1,791,268,000 for the continued development of the F-35 Lightning Joint Strike Fighter aircraft;

\$338,357,000 for the continued development of the replacement for the Presidential helicopter program;

\$1,358,309,000 for the continued development of a new penetrating bomber;

\$128,019,000 for the development of a Next Generation JSTARS aircraft;

\$351,220,000 for the development of a Presidential Aircraft Replacement;

\$304,331,000 for the continued development of a new combat rescue helicopter;

\$161,966,000 for the continued development of the Space Based Infrared Satellite and associated ground support systems;

\$393,268,000 for the continued development of the Global Positioning System III operational control segment;

\$141,888,000 for the continued development of the Global Positioning System III space segment;

\$296,572,000 for the development of an alternative rocket engine for space launch;

\$2,923,036,000 for the Defense Advanced Research Projects Agency; and

\$268,735,000 for the Israeli Cooperative Program under the Missile Defense Agency, an increase of \$164,900,000 above the President's request.

#### DEFENSE HEALTH PROGRAM

The Committee recommends a total of \$33,576,563,000 for the Defense Health Program to support worldwide medical and dental services for active forces and other eligible beneficiaries.

The Committee recommends funding to augment the request for enduring traumatic brain injury, psychological health, and wounded, ill and injured requirements. To address these challenges of the Defense Health Program, the Committee recommends the following:

Traumatic brain injury and psychological health research .....	\$125,000,000;
Peer-reviewed spinal cord research .....	\$30,000,000;
Peer-reviewed orthopedic research .....	\$30,000,000.

#### OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM REQUIREMENTS

In title IX of the bill, the Committee recommends a total of \$42,949,994,000 for overseas contingency operations/global war on terrorism requirements. This funding level will fully support OCO/GWOT operations through the end of April 2017 and includes:

**Military Personnel:** The Committee recommends a total of \$2,199,059,000 for military personnel OCO/GWOT requirements in title IX of the bill.

**Operation and Maintenance:** The Committee recommends a total of \$29,960,628,000 for operation and maintenance OCO/GWOT requirements in title IX of the bill.

**Procurement:** The Committee recommends a total of \$9,357,564,000 for procurement OCO/GWOT requirements in title IX of the bill.

**Research, Development, Test and Evaluation:** The Committee recommends a total of \$333,679,000 for research, development, test and evaluation OCO/GWOT requirements in title IX of the bill.

#### CLASSIFIED PROGRAMS

As described elsewhere in this report, the Committee's budget review of classified programs is published in a separate, detailed, and comprehensive classified annex. Adjustments to the classified programs are addressed in the classified annex accompanying this report.

#### OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM

The United States military and Intelligence Community remain engaged in responding to crises, conflicts, and instability across the globe. As intelligence and military leaders have testified repeatedly before Congress, the list of threats against United States interests has rarely, if ever, been greater.

Tragically, Russia seems to have returned to a Cold War posture based on the recent actions of Vladimir Putin. Aggression for propaganda purposes seems to be the new norm. Russian occupation of Crimea and Eastern Ukraine has destabilized the region and the support to the Syrian regime of Bashar al-Assad has propped up

a dictator who has killed over 300,000 of his own countrymen, including with chemical weapons. Further, Russian support gives the Syrian regime greater confidence and enables Assad to delay negotiations with opposition forces and rebuff attempts at a meaningful and lasting ceasefire.

Iran continues to threaten international stability, even though the nuclear agreement with Iran has been negotiated. Iran's newfound positive public appearance masks its actions to reestablish Persian dominance in the Middle East. It has proxy forces on several battlefields and is working in the cyber arena to destabilize both military operations and global commerce.

Other nation state actors have been allowed to retrench and plan as the international community has focused for the past 15 years on the Middle East. For over fifty years, North Korea has used escalatory tactics and provocation on the Korean peninsula to blackmail the world into acquiescing to its demands. With the death of Kim Jong Il, there was hope that North Korea could join the world as a partner. Unfortunately, the opposite appears to be true. The inflammatory actions taken by Kim Jong Un leave no room for negotiations and may ultimately lead to an escalation of hostilities on the Korean peninsula, which will be difficult to defuse or contain.

Also in the Pacific, the manipulation of shoals and reefs in the South and East China Seas by China can no longer be ignored. These man-made islands on other nations' sovereign territories will hamper the freedom of navigation and commerce. These provocative actions may eventually lead to an incident that may spiral out of control and involve all Pacific Rim nations.

Finally, international terrorism continues to metastasize. Although the Islamic State of Iraq and the Levant (ISIL) has faced setbacks in Syria and Iraq, it is expanding its reach into northern Africa. Its attacks in Europe and inspiration for attacks in the United States in calendar year 2016 have claimed the lives of dozens in addition to the thousands who have died in Iraq and Syria. Al Qaida and its affiliates, while diminished, continue to plan attacks on the West while they build safe havens in unstable regions. These are but two of the terrorist groups which continue to use extortion and terror, and prey upon ignorance, to achieve their objectives.

The Committee recognizes the changing face of warfare and does not assume that military engagements in the future will be limited to current regions of instability, or that conflicts will be predicted well in advance. Appropriate responses to these threats require a variety of military and Intelligence Community resources that can address the entire spectrum of warfare today and in the future. The Committee continues to support the warfighter and the Intelligence Community with resources that will allow for the preparation and fast-reaction to both current contingencies and future unknown crises.

To address these threats and challenges, the bill includes increases in base funding to rebuild troop levels, readiness, and equipment while pursuing technological advances and strengthening Intelligence Community capabilities. The bill also supports the European Reassurance Initiative to help deter President Putin from further actions to destabilize Europe, and includes additional

Intelligence, Surveillance, and Reconnaissance funding to ensure warfighters have the operational awareness they rely upon to detect and respond to threats around the world.

The bill also specifically supports efforts to degrade and reverse the gains of ISIL where it currently exists and wherever it may try to gain a new foothold, maintain security along Jordan's borders, and stem aggression within the Levant. The Committee includes sufficient resources for the Counter-ISIL Train and Equip Fund to support allies, including by providing assistance to military and other security forces of the Government of Iraq, such as Kurdish and tribal security forces.

Since the war on terrorism is truly global, the Committee includes funding under several authorities and efforts to support the United States Africa Command's Theater Campaign Concept to combat al-Qaeda in the Islamic Maghreb, Boko Haram, al-Qaeda East Africa, and al-Shabaab, instability caused by the Lord's Resistance Army, and piracy and illicit trafficking. These same authorities are expanded using the Counterterrorism Partnerships Fund and are available, but not limited to, the countries bordering the Gulf of Aden, the Seas of Indonesia, the South China Sea, and other global havens for terrorism and extremism.

#### COUNTERING RUSSIAN AGGRESSION IN THE ARCTIC

The Committee is concerned with increasing Russian military expansion and unprovoked aggression in the Arctic region. Over the last few years, Russia has built multiple new bases and begun permanently stationing troops in the region. As the area becomes more heavily transited, it is imperative that the seaways remain free and open for international traffic. Russia's revived interest in the Arctic as a military outpost threatens the geopolitical stability of the region, including the interests of the United States and allies. The Committee urges the Secretary of Defense to review Russia's Arctic strategy, including the modernization of its Northern Fleet, and to make maritime security and countering the Russian aggression in the Arctic region a priority.

#### READINESS

Readiness has reached historically low levels and the budget request represents the bare minimum needed to sustain the readiness recovery. This is unacceptable. The Committee has provided an additional \$6,383,235,000 to provide for additional flight time, battle training, depot maintenance, equipment modernization, and critical infrastructure sustainment so the Services may more effectively meet their combat readiness requirements. This includes an additional \$750,000,000 for the Army, Navy, and Air Force each to apply towards its most critical readiness gaps that exist due to inadequate budget requests.

For example, the budget request funds the Army, Navy, and Air Force flying hour programs between 85 percent and 91 percent of their requirements. Utilizing the additional readiness funds provided for the flying hour programs, the Services will meet 100 percent of their requirements. Similarly, the Army is currently funding just 78 percent of their ground operating tempo (OPTEMPO) training requirement. Utilizing the additional readiness funds pro-

vided, the Army will meet 100 percent of its ground OPTEMPO requirement.

Furthermore, across the Services, facility sustainment is funded at approximately 74 percent of the requirement set forth in the Department's Facility Sustainment Model, resulting in the deferral of routine maintenance and repair actions and increasing the likelihood of accelerated facility degradation and subsequent mission degradation due to poor infrastructure support. Within the amount provided, the Committee has provided an additional \$1,648,895,000 above the budget request for facilities sustainment, restoration, and modernization (FSRM). This increase will enable the Services to fund FSRM at more than 80 percent of the requirement set forth in the Department's Facility Sustainment Model, in line with historical execution levels.

Finally, on average depot maintenance is funded at just 81 percent of the requirement across the active duty components. Within the amount provided, the Committee has included an additional \$752,867,000 above the budget request for depot maintenance. This funding level will enable the Navy to meet 100 percent of its aircraft depot maintenance and ship depot maintenance requirement, the Marine Corps to meet 100 percent of its total depot maintenance requirement, and the Air Force to meet 100 percent of its weapons systems sustainment requirement.

#### COST OF NUCLEAR MODERNIZATION

The Committee notes the Secretary of Defense's testimony that the total cost of nuclear modernization, estimated by the Secretary to be \$350,000,000,000 to \$450,000,000,000, presents an enormous affordability challenge. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act detailing the estimated life-cycle costs associated with the Department of Defense's plan for replacing and sustaining all legs of the nuclear triad, including the ground-based strategic deterrent, the B-21 bomber, the long-range standoff weapon, the Ohio replacement program, and any associated warheads and supporting infrastructure. This report may be submitted with a classified annex if necessary.

#### ISRAELI MISSILE DEFENSE PROGRAMS

The Committee recommendation includes \$332,000,000 in Procurement, Defense-Wide, an increase of \$290,000,000 above the request, and \$268,735,000 in Research, Development, Test and Evaluation, Defense-Wide, an increase of \$164,900,000 above the request, for the Israeli Missile Defense Cooperative programs.

The Committee directs that of the \$150,000,000 appropriated for co-production activities associated with the Short Range Ballistic Missile Defense program, not more than \$90,000,000 may be obligated or expended until the establishment of a United States-Israeli co-production agreement. In addition, of the \$120,000,000 appropriated for co-production activities associated with the Arrow 3 Upper Tier, not more than \$70,000,000 may be obligated or expended until the establishment of a United States-Israeli co-production agreement.

## RECOGNITION OF WOMEN'S SERVICE IN THE ARMED FORCES

The Committee notes with regret the decision by the former Secretary of the Army to rescind inurnment rights at Arlington National Cemetery for Women Airforce Service Pilots. The Committee strongly urges the Secretary of Defense to use his authorities to reverse this decision in recognition of the selfless and groundbreaking service these pilots contributed during World War II.

In addition, the Committee notes the strong support for military service memorials and museums highlighting the role of women in the military. The Committee recommendation includes a legislative provision making up to \$5,000,000 available for such facilities upon the submission of a report from the Secretary of Defense.

## CYBERSPACE OPERATIONS

The Committee recommendation fully funds the fiscal year 2017 base budget request of \$6,734,000,000 for cyberspace operations, an increase of \$992,000,000 over the fiscal year 2016 enacted level. While the Department of Homeland Security and the Department of Justice are responsible for investigating intrusions into private companies and protecting government websites, the Department of Defense is responsible for defending military networks, systems, and information; defending the nation against cyberattacks of significant consequence; and providing cyber support to operational and contingency plans. A total of \$6,734,000,000 is provided to the Army, Navy, Marine Corps, Air Force, and the defense agencies to continue to organize, train, and equip Cyber Mission Forces to become fully operational by the end of fiscal year 2018; to support cyber-focused research and technology projects; to develop innovative approaches to cyber training in order to respond to an evolving threat environment; and to support both defensive and offensive cyberspace operations.

While the Committee supports the requested increases in funding for cyber operations, it remains concerned over the lack of detail and clarity regarding how requested funding will be spent. While the Service and defense-wide budget justification material provides some level of detail, much of the funding is encompassed within larger programs and funding lines, which limits visibility and insight into requested funding for cyber operations specifically. The Department of Defense classified cyberspace operations information technology investments budget justification materials provide additional information regarding the overall requested funding by cyberspace investment activity, but include limited justification for changes in requested funding. The lack of clarity in the justification material limits proper congressional oversight.

The Department of Defense cyberspace operations table included in the Committee report shows the amount of funding provided to each Service and defense-wide account in fiscal years 2016 and 2017. Funding provided in the operation and maintenance, procurement, and research, development, test and evaluation appropriation accounts for cyberspace operations at the provided funding levels is designated a congressional special interest item. Funding appropriated may only be used for cyberspace operations as justified in the classified cyberspace operations information technology in-

vestment budget request for fiscal year 2017. The Committee directs the Secretary of Defense that normal prior approval re-programming procedures must be used to obligate or expend these funds for any purpose other than cyberspace operations as justified in the cyberspace operations information technology investments budget request for fiscal year 2017.

In addition, the Committee directs the Secretary of Defense to submit two reports to the congressional defense committees, not later than April 1, 2017 and October 15, 2017, detailing the obligations and expenditure of cyberspace operations appropriated funds by account, budget activity group, and sub-activity group for the operation and maintenance appropriations accounts and account, program element, and line item for the procurement and research, development, test and evaluation accounts.

The Committee directs the Department of Defense Chief Information Officer, in coordination with the Service Secretaries and the Under Secretary of Defense (Comptroller), to work with the House and Senate Appropriations Committees to provide increased visibility and clarity into the cyberspace operations funding requirements and requested changes to funding requirements from the enacted levels as part of the fiscal year 2018 classified cyberspace operations information technology funding justification materials.



**DEPARTMENT OF DEFENSE  
CYBERSPACE OPERATIONS**

(Includes cybersecurity, cyberspace operations, and research and development)

[In thousands of dollars]

	Fiscal Year 2016 Enacted	Fiscal Year 2017 Recommended
<b>DEPARTMENT OF ARMY</b>		
Military Personnel	159,366	163,409
Operation and Maintenance	606,353	760,989
Procurement	94,268	233,789
Research, Development, Test and Evaluation	85,131	171,389
<b>TOTAL, DEPARTMENT OF ARMY</b>	<b>945,118</b>	<b>1,329,576</b>
<b>DEPARTMENT OF NAVY</b>		
Working Capital Fund, Defense	116,954	127,484
Military Personnel	220,828	263,388
Operation and Maintenance	395,951	452,003
Procurement	150,890	104,228
Research, Development, Test and Evaluation	65,580	91,057
<b>TOTAL, DEPARTMENT OF NAVY</b>	<b>950,203</b>	<b>1,038,160</b>
<b>DEPARTMENT OF AIR FORCE</b>		
Military Personnel	257,054	286,464
Operation and Maintenance	766,756	1,020,518
Procurement	268,253	326,627
Research, Development, Test and Evaluation	253,519	356,922
<b>TOTAL, DEPARTMENT OF AIR FORCE</b>	<b>1,545,582</b>	<b>1,990,531</b>
<b>DEFENSE-WIDE</b>		
Working Capital Fund, Defense	345,221	323,513
Operation and Maintenance	1,222,789	1,311,556
Procurement	74,125	60,628
Research, Development, Test and Evaluation	658,702	679,723
<b>TOTAL, DEFENSE-WIDE</b>	<b>2,300,837</b>	<b>2,375,420</b>
<b>TOTAL, CYBERSPACE OPERATIONS</b>	<b>5,741,740</b>	<b>6,733,687</b>



## TITLE II

### OPERATION AND MAINTENANCE

The fiscal year 2017 Department of Defense operation and maintenance budget request totals \$171,318,488,000. The Committee recommendation provides \$173,680,060,000 for the operation and maintenance accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
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RECAPITULATION			
OPERATION & MAINTENANCE, ARMY.....	33,609,040	34,436,295	+827,255
OPERATION & MAINTENANCE, NAVY.....	39,483,581	40,213,485	+729,904
OPERATION & MAINTENANCE, MARINE CORPS.....	5,954,258	6,246,366	+292,108
OPERATION & MAINTENANCE, AIR FORCE.....	37,518,056	38,209,602	+691,546
OPERATION & MAINTENANCE, DEFENSE-WIDE.....	32,571,590	32,263,224	-308,366
OPERATION & MAINTENANCE, ARMY RESERVE.....	2,712,331	2,767,471	+55,140
OPERATION & MAINTENANCE, NAVY RESERVE.....	927,656	975,724	+48,068
OPERATION & MAINTENANCE, MARINE CORPS RESERVE.....	270,633	320,066	+49,433
OPERATION & MAINTENANCE, AIR FORCE RESERVE.....	3,067,929	3,106,066	+38,137
OPERATION & MAINTENANCE, ARMY NATIONAL GUARD.....	6,825,370	6,923,595	+98,225
OPERATION & MAINTENANCE, AIR NATIONAL GUARD.....	6,703,578	6,708,200	+4,622
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES.....	14,194	14,194	---
ENVIRONMENTAL RESTORATION, ARMY.....	170,167	170,167	---
ENVIRONMENTAL RESTORATION, NAVY.....	281,762	289,262	+7,500
ENVIRONMENTAL RESTORATION, AIR FORCE.....	371,521	371,521	---
ENVIRONMENTAL RESTORATION, DEFENSE-WIDE.....	9,009	9,009	---
ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES..	197,084	222,084	+25,000
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID.....	105,125	108,125	+3,000
COOPERATIVE THREAT REDUCTION ACCOUNT.....	325,604	325,604	---
GRAND TOTAL, OPERATION & MAINTENANCE.....	171,318,488	173,680,060	+2,361,572
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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 2017 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 should 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 2017, 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 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 this 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 MILITARY INTELLIGENCE PROGRAM BUDGET JUSTIFICATION MATERIAL

The explanatory statement accompanying the Department of Defense Appropriations Act, 2016 noted that previous budget justification material submitted for the operation and maintenance portion of the Military Intelligence Program (MIP) and the exhibits for the Security Programs sub-activity groups (SAGs) in the Operation and Maintenance Army, Navy, Marine Corps, and Air Force accounts did not provide full visibility into requested funding, which limited congressional oversight. Accordingly, the explanatory statement directed the Secretary of Defense to provide classified OP-5 and OP-32 budget exhibits with the budget submission for each of the Security Program SAGs, which would provide the non-National Intelligence Program funding amount requested in the SAG and a summary and justification for changes in the level of resources required for each SAG. For fiscal year 2017, the Services and defense agencies were directed to work with the House and Senate Appropriations Committees to provide this information during the budget review process. The new tables and budget exhibits are to be included as a part of the budget submission for fiscal year 2018, as the current budget justification material for the operation and maintenance portion of the MIP and the exhibits for the Security Programs SAGs in the Operation and Maintenance Army, Navy, Marine Corps, and Air Force accounts do not provide full visibility into requested funding.

In addition, beginning in fiscal year 2018, the Secretary of Defense is directed to break out requested funding for operation and maintenance accounts at the line item level of funding in the MIP

congressional budget justification material. Further, requested changes from the fiscal year 2017 enacted level in operation and maintenance funding should break out the change by price and program as defined by the Department of Defense Financial Management Regulation.

#### MILITARY UNIFORMS

The Committee recognizes that there is an increasing movement towards prohibiting halogenated flame retardants in commercial products due to health and safety concerns. The Committee believes that servicemembers should be provided the same protection against potential toxic exposure. As such, the Committee encourages the Secretary of Defense to explore the potential of utilizing non-halogenated flame retardants in military uniforms.

#### CYBERSPACE OPERATIONS

The Committee is extremely concerned by the risk that cyberattacks and cyber threats present not only to national security but also to economic security, and therefore supports an increase of \$992,000,000 in fiscal year 2017 above the fiscal year 2016 enacted level to bolster Department of Defense cyber defensive and offensive operations and capabilities. The Committee is also concerned by the risk posed by unauthorized or malicious access to data assets and encourages the Secretary of Defense to keep the congressional defense committees informed when such intrusions are detected.

In addition, the Committee recognizes the importance of recruiting and retaining a trained and qualified cyber workforce. Many cyber workforce positions require security clearances, which can present a hurdle to hiring recent college graduates. The Committee encourages the exploration of methods of recruiting students prior to graduation in order to expedite the security clearance and hiring processes. The Committee also encourages initiatives to specifically reach out to minority-serving public institutions to build a pipeline for scientists and engineers from minority communities to enter the cyber workforce upon graduation. In addition, the Committee supports efforts to include newly qualified applicants, such as interns and college graduates, in cybersecurity related contract labor categories.

#### ARMY, ARMY NATIONAL GUARD, AND ARMY RESERVE CYBERSPACE OPERATIONS

The Committee recommendation includes \$1,330,000,000 across appropriation accounts to the Department of the Army, including the Army National Guard and the Army Reserve, for cyberspace operations in fiscal year 2017, an increase of \$384,000,000 over the fiscal year 2016 enacted level. The Army's contribution to the joint Cyber Mission Forces (CMF) is 41 teams made up of active duty personnel. In addition to the 41 active duty CMF teams, the Department of the Army has chosen to grow 21 Cyber Protection Teams (CPTs) in the reserve component. While the Committee strongly supports the Army CMF efforts to reach full operating capability by fiscal year 2018, the Committee is concerned that be-

cause the Army Reserve and the Army National Guard are not formally part of the CMF, they are not resourced through the United States Cyber Command training pipeline, which hinders access to training. As a result, the Army National Guard has chosen to establish a separate training course at its Professional Education Center. While the Committee supports the intent of this course, it is concerned that this is not the most efficient use of Army National Guard resources in the current constrained budget environment. The Committee is aware that the Army Cyber Center of Excellence at Fort Gordon is growing capabilities and capacity and will provide training to the reserve component beginning in the summer of 2016. The Committee is also aware that the reserve component has not fully identified its training throughput requirements to support development of the 21 reserve component CPTs, which has made it difficult to ensure that reserve cyber warriors receive the training they need.

The Committee directs the Commander, United States Cyber Command, the Secretary of the Army, the Chief of the Army Reserve, and the Director of the Army National Guard to cooperate to ensure that the Army National Guard and Army Reserve have adequate access to the Army training pipeline to ensure the reserve component CPTs will meet full operating capability within their current fielding plans and to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act detailing the implementation of this plan. The Committee also encourages the Director of the National Security Agency (NSA), to collaborate with the Secretary of the Army to ensure that training courses that require NSA certification are reviewed in a timely manner.

The Committee recognizes the threat that attempted attacks to critical infrastructure and associated control systems by cyber hackers presents both domestically and internationally. The Committee supports collaborative efforts by the Department of Homeland Security, the Department of Energy national laboratories, universities, and private industry in order to spur innovation and create cost efficiencies while addressing these threats across multiple sectors. In addition, the Committee recognizes that the Army National Guard, through its CPTs, offers a flexible and ready force that can provide specialized experience. The Committee supports efforts by the Army National Guard, as part of its title 32 duties, to partner with these entities to provide training focused on protecting industrial control systems associated with critical infrastructure.

The Committee further supports Army Reserve efforts to engage with universities and the private sector to develop formal cyber public-private partnerships to further cyber training and employment for Army Reserve cyber warriors. The Committee understands that the Army Reserve has experienced challenges in certifying the cyber public-private partnership program due to the classified nature of the cyber common technical core course. The Committee encourages the Director of the NSA and the Commander, United States Cyber Command to work with the Chief of the Army Reserve to provide a pathway for certification of this program.



## INFORMATION TECHNOLOGY WORKFORCE CERTIFICATION

The Committee notes that information technology users remain one of the most significant vulnerabilities in preventing cybersecurity breaches and is aware that to combat this, the Department of Defense conducts a certification process to train personnel with information assurance responsibilities and access to Department of Defense networks. The Committee supports the efforts of the Chief Information Officer (CIO) of the Department of Defense to update and expand established policies and assigned responsibilities for managing the Department's cyberspace workforce through the implementation of Department of Defense Directive 8140. The Committee encourages the CIO to consider expanding the existing certification requirement, which could enhance the Department's information technology infrastructure security posture and position servicemembers to easily transition into the civilian information technology workforce once their military service has ended.

## CLOUD COMPUTING

The Committee is concerned with the findings of the Department of Defense Inspector General Audit Report 2016-038 which stated that the Department did not establish a standard, Department-wide cloud computing definition or an integrated repository to provide detailed information on cloud computing contracts. These findings inhibited the Inspector General's ability to determine actual cost savings from using cloud computing services.

The Committee directs the Chief Information Officer of the Department of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the implementation of the recommendations of the Department of Defense Inspector General Audit Report 2016-038. The report should include what costing models are used, such as the utility-based model, for purchasing commercial cloud services; cost savings garnered in fiscal year 2016 by the use of commercial cloud services; and the status of implementation of existing commercial cloud security initiatives and their costs, to include transitioning Federal Information Security Modernization Act systems and data to cloud computing.

## QUALITY OF LIFE PROGRAMS

The Committee supports the continued investment in quality of life programs for servicemembers and their families. Programs such as Operation Live Well and the Healthy Base Initiative are Committee priorities, as are initiatives that provide for safe living conditions and healthy water supplies for bases and surrounding communities. In addition, the Committee recommendation includes \$1,648,895,000 above the budget request for facilities sustainment, restoration, and modernization to ensure appropriate levels of maintenance and upkeep at military installations and that servicemembers and their families are receiving medical treatment in modern, well-maintained facilities. The Committee will continue to monitor the Department's efforts to ensure a high quality of life on military bases and encourages the Secretary of Defense to continue to promote these programs across all military installations.

## OPERATION AND MAINTENANCE, ARMY

Fiscal year 2016 appropriation .....	\$32,399,440,000
Fiscal year 2017 budget request .....	33,809,040,000
Committee recommendation .....	34,436,295,000
Change from budget request .....	+627,255,000

The Committee recommends an appropriation of \$34,436,295,000 for Operation and Maintenance, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
OPERATION AND MAINTENANCE, ARMY				
BUDGET ACTIVITY 1: OPERATING FORCES				
LAND FORCES				
10	MANEUVER UNITS.....	791,450	786,026	-5,424
20	MODULAR SUPPORT BRIGADES.....	68,373	68,373	---
30	ECHELONS ABOVE BRIGADES.....	438,823	436,313	-2,510
40	THEATER LEVEL ASSETS.....	660,258	660,258	---
50	LAND FORCES OPERATIONS SUPPORT.....	863,928	863,928	---
60	AVIATION ASSETS.....	1,360,597	1,357,686	-2,911
LAND FORCES READINESS				
70	FORCE READINESS OPERATIONS SUPPORT.....	3,086,443	3,079,851	-6,592
80	LAND FORCES SYSTEMS READINESS.....	439,488	534,588	+95,100
90	LAND FORCES DEPOT MAINTENANCE.....	1,013,452	1,018,452	+5,000
LAND FORCES READINESS SUPPORT				
100	BASE OPERATIONS SUPPORT.....	7,816,343	7,816,343	---
110	FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION....	2,234,546	2,259,546	+25,000
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	452,105	441,258	-10,849
130	COMBATANT COMMANDER'S CORE OPERATIONS.....	155,658	155,658	---
170	COMBATANT COMMANDERS ANCILLARY MISSIONS.....	441,143	441,143	---
TOTAL, BUDGET ACTIVITY 1.....				
	19,822,607	19,919,421	+96,814	
BUDGET ACTIVITY 2: MOBILIZATION				
MOBILITY OPERATIONS				
180	STRATEGIC MOBILITY.....	336,329	336,329	---
190	ARMY PREPOSITIONED STOCKS.....	390,848	415,848	+25,000
200	INDUSTRIAL PREPAREDNESS.....	7,401	7,401	---
TOTAL, BUDGET ACTIVITY 2.....				
	734,578	759,578	+25,000	

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
210 ACCESSION TRAINING	131,942	131,942	---
220 OFFICER ACQUISITION.....	47,846	47,846	---
230 RECRUIT TRAINING.....	45,419	45,419	---
240 ONE STATION UNIT TRAINING.....	482,747	482,747	---
BASIC SKILL AND ADVANCED TRAINING			
250 SPECIALIZED SKILL TRAINING.....	921,025	927,525	+6,500
260 FLIGHT TRAINING.....	902,845	902,845	---
270 PROFESSIONAL DEVELOPMENT EDUCATION.....	216,583	214,583	-2,000
280 TRAINING SUPPORT.....	607,534	607,534	---
RECRUITING AND OTHER TRAINING AND EDUCATION			
290 RECRUITING AND ADVERTISING.....	550,599	525,599	-25,000
300 EXAMINING.....	187,263	187,263	---
310 OFF-DUTY AND VOLUNTARY EDUCATION.....	189,556	189,556	---
320 CIVILIAN EDUCATION AND TRAINING.....	182,835	168,365	-14,470
330 JUNIOR RESERVE OFFICERS TRAINING CORPS.....	171,167	171,167	---
TOTAL, BUDGET ACTIVITY 3.....	4,637,361	4,802,391	-34,970
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
LOGISTICS OPERATIONS			
350 SERVICEWIDE TRANSPORTATION.....	230,739	230,739	---
360 CENTRAL SUPPLY ACTIVITIES.....	850,060	850,060	---
370 LOGISTICS SUPPORT ACTIVITIES.....	778,757	778,757	---
380 AMMUNITION MANAGEMENT.....	370,010	370,010	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
SERVICEWIDE SUPPORT			
390 ADMINISTRATION.....	451,556	451,556	---
400 SERVICEWIDE COMMUNICATIONS.....	1,888,123	1,888,123	---
410 MANPOWER MANAGEMENT.....	276,403	276,403	---
420 OTHER PERSONNEL SUPPORT.....	369,443	369,443	---
430 OTHER SERVICE SUPPORT.....	1,096,074	1,096,074	---
440 ARMY CLAIMS ACTIVITIES.....	207,800	207,800	---
450 REAL ESTATE MANAGEMENT.....	240,641	240,641	---
460 BASE OPERATIONS SUPPORT.....	250,612	250,612	---
SUPPORT OF OTHER NATIONS			
470 SUPPORT OF NATO OPERATIONS.....	416,587	416,587	---
480 MISC. SUPPORT OF OTHER NATIONS.....	36,666	36,666	---
TOTAL, BUDGET ACTIVITY 4.....	7,463,471	7,463,471	---
EXCESS WORKING CAPITAL FUND CARRYOVER.....	---	-170,000	-170,000
OVERESTIMATION OF CIVILIAN FTE TARGETS AND STREAMLINING MANAGEMENT HEADQUARTERS.....	---	-41,389	-41,389
OTHER PROGRAMS			
OTHER PROGRAMS.....	1,151,023	1,152,823	+1,800
RESTORE READINESS.....	---	750,000	+750,000
TOTAL, OPERATION AND MAINTENANCE, ARMY.....	33,809,040	34,436,295	+627,255

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

O-1	Budget Request	Committee Recommended	Change from Request
111 MANEUVER UNITS Unjustified program growth	791,450	786,026 -5,424	-5,424
113 ECHELONS ABOVE BRIGADE Unjustified program growth	438,823	436,313 -2,510	-2,510
116 AVIATION ASSETS Unjustified program growth	1,360,597	1,357,686 -2,911	-2,911
121 FORCE READINESS OPERATIONS SUPPORT Unjustified program growth	3,086,443	3,079,851 -6,592	-6,592
122 LAND FORCES SYSTEMS READINESS Program increase	439,488	534,588 95,100	95,100
123 LAND FORCES DEPOT MAINTENANCE Program increase	1,013,452	1,018,452 5,000	5,000
132 FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION Program increase	2,234,546	2,259,546 25,000	25,000
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS Unjustified program growth	452,105	441,256 -10,850	-10,850
212 ARMY PREPOSITIONED STOCKS Program increase	390,848	415,848 25,000	25,000
321 SPECIALIZED SKILL TRAINING Program increase - language capabilities	921,025	927,525 6,500	6,500
323 PROFESSIONAL DEVELOPMENT EDUCATION Unjustified program growth	216,583	214,583 -2,000	-2,000
331 RECRUITING AND ADVERTISING Unjustified program growth	550,599	525,599 -25,000	-25,000
334 CIVILIAN EDUCATION AND TRAINING Unjustified program growth	182,835	168,365 -14,470	-14,470
411 SECURITY PROGRAMS Classified adjustment	1,151,023	1,152,823 1,800	1,800
435 OTHER SERVICE SUPPORT Remove one-time fiscal year 2016 funding increase Army support to Capitol 4th	1,096,074	1,096,074 -5,500 5,500	0
OVERESTIMATION OF CIVILIAN FTE TARGETS		-41,389	-41,389

O-1	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND CARRYOVER ABOVE ALLOWABLE CEILING		-170,000	-170,000
RESTORE READINESS		750,000	750,000

## DEPOT MAINTENANCE—PRODUCTIVITY ENHANCEMENT PROGRAM

The Committee recognizes that organic depot maintenance capacity provides the Department of Defense with a valuable resource that contributes to overall military readiness. It is imperative that depot equipment is maintained and modernized to continue to provide the highest possible capability. The Committee encourages the Secretary of the Army to modernize the electronic test and measurement equipment of organic depots.

## OPERATION AND MAINTENANCE, NAVY

Fiscal year 2016 appropriation .....	\$39,600,172,000
Fiscal year 2017 budget request .....	39,483,581,000
Committee recommendation .....	40,213,485,000
Change from budget request .....	+729,904,000

The Committee recommends an appropriation of \$40,213,485,000 for Operation and Maintenance, Navy which will provide the following program in fiscal year 2017:



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, NAVY			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10 MISSION AND OTHER FLIGHT OPERATIONS.....	4,094,765	4,094,765	---
20 FLEET AIR TRAINING.....	1,722,473	1,722,473	---
30 AVIATION TECHNICAL DATA AND ENGINEERING SERVICES.....	52,670	52,670	---
40 AIR OPERATIONS AND SAFETY SUPPORT.....	97,584	97,584	---
50 AIR SYSTEMS SUPPORT.....	446,733	453,233	+6,500
60 AIRCRAFT DEPOT MAINTENANCE.....	1,007,681	1,012,681	+5,000
70 AIRCRAFT DEPOT OPERATIONS SUPPORT.....	38,248	38,248	---
80 AVIATION LOGISTICS.....	584,720	582,220	+17,500
SHIP OPERATIONS			
90 MISSION AND OTHER SHIP OPERATIONS.....	3,513,083	3,513,083	---
100 SHIP OPERATIONS SUPPORT AND TRAINING.....	743,765	752,765	+9,000
110 SHIP DEPOT MAINTENANCE.....	5,168,273	5,182,773	+14,500
120 SHIP DEPOT OPERATIONS SUPPORT.....	1,575,578	1,575,578	---
COMBAT COMMUNICATIONS/SUPPORT			
130 COMBAT COMMUNICATIONS.....	558,727	558,727	---
140 ELECTRONIC WARFARE.....	105,680	105,680	---
150 SPACE SYSTEMS AND SURVEILLANCE.....	180,406	180,406	---
160 WARFARE TACTICS.....	470,032	470,032	---
170 OPERATIONAL METEOROLOGY AND OCEANOGRAPHY.....	346,703	346,703	---
180 COMBAT SUPPORT FORCES.....	1,158,688	1,157,632	-1,056
190 EQUIPMENT MAINTENANCE.....	113,892	113,892	---
200 DEPOT OPERATIONS SUPPORT.....	2,509	2,509	---
210 COMBATANT COMMANDERS CORE OPERATIONS.....	91,019	91,019	---
220 COMBATANT COMMANDERS DIRECT MISSION SUPPORT.....	74,780	74,780	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
WEAPONS SUPPORT			
230 CRUISE MISSILE.....	106,030	106,030	---
240 FLEET BALLISTIC MISSILE.....	1,233,805	1,233,805	---
250 IN-SERVICE WEAPONS SYSTEMS SUPPORT.....	163,025	163,025	---
260 WEAPONS MAINTENANCE.....	553,269	553,269	---
270 OTHER WEAPON SYSTEMS SUPPORT.....	350,010	350,010	---
BASE SUPPORT			
280 ENTERPRISE INFORMATION TECHNOLOGY.....	790,885	784,709	-5,976
290 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	1,642,742	1,667,742	+25,000
300 BASE OPERATING SUPPORT.....	4,206,136	4,158,267	-47,869
TOTAL, BUDGET ACTIVITY 1.....	31,173,511	31,196,110	+22,599
BUDGET ACTIVITY 2: MOBILIZATION			
READY RESERVE AND PREPOSITIONING FORCES			
310 SHIP PREPOSITIONING AND SURGE.....	893,517	846,599	-46,918
320 READY RESERVE FORCE.....	274,524	274,524	---
ACTIVATIONS/INACTIVATIONS			
320 AIRCRAFT ACTIVATIONS/INACTIVATIONS.....	6,727	6,727	---
330 SHIP ACTIVATIONS/INACTIVATIONS.....	288,154	288,154	---
MOBILIZATION PREPAREDNESS			
340 FLEET HOSPITAL PROGRAM.....	95,720	103,551	+7,831
360 INDUSTRIAL READINESS.....	2,109	2,109	---
370 COAST GUARD SUPPORT.....	21,114	21,114	---
TOTAL, BUDGET ACTIVITY 2.....	1,581,865	1,542,778	-39,087

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
380 ACCESSION TRAINING	143,815	143,815	---
390 RECRUIT TRAINING	8,519	8,519	---
400 RESERVE OFFICERS TRAINING CORPS	143,445	143,445	---
BASIC SKILLS AND ADVANCED TRAINING			
410 SPECIALIZED SKILL TRAINING	699,214	699,214	---
420 FLIGHT TRAINING	5,310	5,310	---
430 PROFESSIONAL DEVELOPMENT EDUCATION	172,852	172,852	---
440 TRAINING SUPPORT	222,728	222,728	---
RECRUITING, AND OTHER TRAINING AND EDUCATION			
450 RECRUITING AND ADVERTISING	225,647	225,639	-8
460 OFF-DUTY AND VOLUNTARY EDUCATION	130,569	130,569	---
470 CIVILIAN EDUCATION AND TRAINING	73,730	73,730	---
480 JUNIOR ROTC	50,400	50,400	---
TOTAL, BUDGET ACTIVITY 3	1,876,229	1,876,221	-8
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE SUPPORT			
490 ADMINISTRATION	917,453	917,453	---
500 EXTERNAL RELATIONS	14,570	14,570	---
510 CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	124,070	124,070	---
520 MILITARY MANPOWER AND PERSONNEL MANAGEMENT	369,767	365,767	-4,000
530 OTHER PERSONNEL SUPPORT	285,927	285,927	---
540 SERVICEWIDE COMMUNICATIONS	319,908	319,908	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
LOGISTICS OPERATIONS AND TECHNICAL SUPPORT			
570 SERVICEWIDE TRANSPORTATION.....	171,659	171,659	---
590 PLANNING, ENGINEERING AND DESIGN.....	270,863	270,863	---
600 ACQUISITION AND PROGRAM MANAGEMENT.....	1,112,766	1,112,766	---
610 HULL, MECHANICAL AND ELECTRICAL SUPPORT.....	49,078	49,078	---
620 COMBAT/WEAPONS SYSTEMS.....	24,989	24,989	---
630 SPACE AND ELECTRONIC WARFARE SYSTEMS.....	72,966	72,966	---
SECURITY PROGRAMS			
640 NAVAL INVESTIGATIVE SERVICE.....	595,711	595,711	---
SUPPORT OF OTHER NATIONS			
700 INTERNATIONAL HEADQUARTERS AND AGENCIES.....	4,809	4,809	---
OTHER PROGRAMS			
OTHER PROGRAMS.....	517,440	517,840	+400
TOTAL, BUDGET ACTIVITY 4.....	4,851,976	4,848,376	-3,600
RESTORE READINESS.....	---	750,000	+750,000
TOTAL, OPERATION AND MAINTENANCE, NAVY.....	39,483,581	40,213,485	+729,904

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

O-1	Budget Request	Committee Recommended	Change from Request
<b>1A4N AIR SYSTEMS SUPPORT</b>	<b>446,733</b>	<b>453,233</b>	<b>6,500</b>
Program increase - MV-22B readiness		1,200	
Program increase - H-1 readiness		5,300	
<b>1A5A AIRCRAFT DEPOT MAINTENANCE</b>	<b>1,007,681</b>	<b>1,012,681</b>	<b>5,000</b>
Program increase		5,000	
<b>1A9A AVIATION LOGISTICS</b>	<b>564,720</b>	<b>582,220</b>	<b>17,500</b>
Program increase - MV-22B readiness		10,700	
Program increase - KC-130J readiness		6,800	
<b>1B2B SHIP OPERATIONS SUPPORT AND TRAINING</b>	<b>743,765</b>	<b>752,765</b>	<b>9,000</b>
Program increase		9,000	
<b>1B4B SHIP DEPOT MAINTENANCE</b>	<b>5,168,273</b>	<b>5,182,773</b>	<b>14,500</b>
Program increase		5,000	
Program increase		9,500	
<b>1B5B SHIP DEPOT OPERATIONS SUPPORT</b>	<b>1,575,578</b>	<b>1,575,578</b>	<b>0</b>
Unjustified program growth		-2,500	
Program increase		2,500	
<b>1C6C COMBAT SUPPORT FORCES</b>	<b>1,158,689</b>	<b>1,157,632</b>	<b>-1,056</b>
Unjustified program growth		-1,056	
<b>BSIT ENTERPRISE INFORMATION TECHNOLOGY</b>	<b>790,685</b>	<b>784,709</b>	<b>-5,976</b>
Unjustified program growth		-5,976	
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>1,642,742</b>	<b>1,667,742</b>	<b>25,000</b>
Program increase		25,000	
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>4,206,136</b>	<b>4,158,267</b>	<b>-47,869</b>
Excess to requirement		-47,869	
<b>2A1F SHIP PREPOSITIONING AND SURGE</b>	<b>893,517</b>	<b>846,599</b>	<b>-46,918</b>
Justification does not match summary of price and program changes		-292,018	
Navy identified shortfall		245,100	
<b>2C1H EXPEDITIONARY HEALTH SERVICE SYSTEMS</b>	<b>95,720</b>	<b>103,551</b>	<b>7,831</b>
Program increase		7,831	
<b>3C1L RECRUITING AND ADVERTISING</b>	<b>225,647</b>	<b>225,639</b>	<b>-8</b>
Unjustified program growth		-1,230	
Naval Sea Cadet Corps		1,222	
<b>4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT</b>	<b>369,767</b>	<b>365,767</b>	<b>-4,000</b>
Excess to need		-4,000	

O-1	Budget Request	Committee Recommended	Change from Request
9999 OTHER PROGRAMS	517,440	517,840	400
Classified adjustment		400	
RESTORE READINESS		750,000	750,000

#### READINESS COST ASSESSMENT TOOL

The Committee continues to support the Navy's Readiness Cost Assessment Tool (RCAT) proficiency initiative. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act that describes the current funding profile of the RCAT initiative and the potential to accelerate or streamline the current program strategy.

#### EXPEDITIONARY MEDICAL FACILITIES

The Committee understands the importance of the Department of the Navy efforts to correct performance and safety issues in legacy Expeditionary Medical Facilities systems and encourages the Secretary of the Navy to prioritize such improvements in purchases for Expeditionary Health Services Systems.

#### OPERATION AND MAINTENANCE, MARINE CORPS

Fiscal year 2016 appropriation .....	\$5,718,074,000
Fiscal year 2017 budget request .....	5,954,258,000
Committee recommendation .....	6,246,366,000
Change from budget request .....	+292,108,000

The Committee recommends an appropriation of \$6,246,366,000 for Operation and Maintenance, Marine Corps which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, MARINE CORPS			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 EXPEDITIONARY FORCES			
OPERATIONAL FORCES.....	674,613	696,613	+22,000
20 FIELD LOGISTICS.....	947,424	960,624	+13,200
30 DEPOT MAINTENANCE.....	206,783	265,983	+59,200
USMC PREPOSITIONING			
40 MARITIME PREPOSITIONING.....	85,276	85,276	---
50 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	632,673	640,424	+7,751
60 BASE OPERATING SUPPORT.....	2,136,626	2,128,041	-8,585
TOTAL, BUDGET ACTIVITY 1.....	4,683,395	4,776,961	+93,566
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
ACCESSION TRAINING			
70 RECRUIT TRAINING.....	15,946	15,946	---
80 OFFICER ACQUISITION.....	935	935	---
BASIC SKILLS AND ADVANCED TRAINING			
90 SPECIALIZED SKILLS TRAINING.....	99,305	99,305	---
100 PROFESSIONAL DEVELOPMENT EDUCATION.....	45,495	45,495	---
110 TRAINING SUPPORT.....	369,979	369,979	---
RECRUITING AND OTHER TRAINING EDUCATION			
120 RECRUITING AND ADVERTISING.....	165,566	165,566	---
130 OFF-DUTY AND VOLUNTARY EDUCATION.....	35,133	35,133	---
140 JUNIOR ROTC.....	23,622	23,622	---
TOTAL, BUDGET ACTIVITY 3.....	755,981	755,981	---



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE SUPPORT			
150 SERVICEWIDE TRANSPORTATION.....	34,534	34,534	---
160 ADMINISTRATION.....	355,932	355,932	---
180 ACQUISITION AND PROGRAM MANAGEMENT.....	76,896	76,896	---
SECURITY PROGRAMS			
SECURITY PROGRAMS.....	47,520	47,520	---
-----			
TOTAL, BUDGET ACTIVITY 4.....	514,882	514,882	---
-----			
OVERESTIMATION OF CIVILIAN FTE TARGETS AND STREAMLINING MANAGEMENT HEADQUARTERS.....	---	-35,316	-35,316
RESTORE READINESS.....	---	233,858	+233,858
=====			
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS.....	5,954,258	6,248,366	+292,108
=====			

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

<b>Q-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>1A1A OPERATIONAL FORCES</b>	<b>674,613</b>	<b>696,613</b>	<b>22,000</b>
Program increase		22,000	
<b>1A2A FIELD LOGISTICS</b>	<b>947,424</b>	<b>960,624</b>	<b>13,200</b>
Program increase		13,200	
<b>1A3A DEPOT MAINTENANCE</b>	<b>206,783</b>	<b>266,983</b>	<b>59,200</b>
Program increase		5,000	
Program increase		47,200	
Program increase		2,000	
Program increase		5,000	
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>632,673</b>	<b>640,424</b>	<b>7,751</b>
Program increase		7,751	
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>2,136,626</b>	<b>2,128,041</b>	<b>-8,585</b>
Unjustified program growth		-8,585	
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		<b>-35,316</b>	<b>-35,316</b>
<b>RESTORE READINESS</b>		<b>233,856</b>	<b>233,856</b>

## OPERATION AND MAINTENANCE, AIR FORCE

Fiscal year 2016 appropriation .....	\$35,727,457,000
Fiscal year 2017 budget request .....	37,518,056,000
Committee recommendation .....	38,209,602,000
Change from budget request .....	+691,546,000

The Committee recommends an appropriation of \$38,209,602,000 for Operation and Maintenance, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, AIR FORCE			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10 PRIMARY COMBAT FORCES.....	3,294,124	3,289,874	-4,250
20 COMBAT ENHANCEMENT FORCES.....	1,682,045	1,682,045	---
30 AIR OPERATIONS TRAINING.....	1,730,757	1,730,757	---
40 DEPOT MAINTENANCE.....	7,042,988	7,043,155	+167
50 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	1,657,019	1,682,019	+25,000
60 BASE OPERATING SUPPORT.....	2,787,216	2,783,491	-3,725
COMBAT RELATED OPERATIONS			
70 GLOBAL C3I AND EARLY WARNING.....	887,831	887,831	---
80 OTHER COMBAT OPERATIONS SUPPORT PROGRAMS.....	1,070,178	1,060,108	-10,070
SPACE OPERATIONS			
100 LAUNCH FACILITIES.....	208,582	208,582	---
110 SPACE CONTROL SYSTEMS.....	362,250	362,250	---
120 COMBATANT COMMANDERS DIRECT MISSION SUPPORT.....	907,245	907,245	---
130 COMBATANT COMMANDERS CORE OPERATIONS.....	199,171	199,171	---
OPERATING FORCES			
CLASSIFIED PROGRAMS.....	930,757	930,757	---
TOTAL, BUDGET ACTIVITY 1.....	22,760,163	22,767,285	+7,122

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
BUDGET ACTIVITY 2: MOBILIZATION			
140 MOBILITY OPERATIONS			
AIRLIFT OPERATIONS.....	1,703,059	1,703,059	---
150 MOBILIZATION PREPAREDNESS.....	138,899	138,899	---
160 DEPOT MAINTENANCE.....	1,553,439	1,558,439	+5,000
170 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	258,328	262,484	+4,156
180 BASE SUPPORT.....	722,756	722,756	---
TOTAL, BUDGET ACTIVITY 2.....	4,376,481	4,385,637	+9,156
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
190 ACCESSION TRAINING			
OFFICER ACQUISITION.....	120,886	113,411	-7,475
200 RECRUIT TRAINING.....	23,782	23,782	---
210 RESERVE OFFICER TRAINING CORPS (ROTC).....	77,692	77,692	---
220 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	236,254	236,254	---
230 BASE SUPPORT (ACADEMIES ONLY).....	819,915	816,138	-3,777
BASIC SKILLS AND ADVANCED TRAINING			
240 SPECIALIZED SKILL TRAINING.....	387,446	387,446	---
250 FLIGHT TRAINING.....	725,134	725,134	---
260 PROFESSIONAL DEVELOPMENT EDUCATION.....	264,213	262,213	-2,000
270 TRAINING SUPPORT.....	86,681	86,681	---
280 DEPOT MAINTENANCE.....	305,004	305,004	---
RECRUITING, AND OTHER TRAINING AND EDUCATION			
290 RECRUITING AND ADVERTISING.....	104,754	99,754	-5,000
300 EXAMINING.....	3,944	3,944	---
310 OFF DUTY AND VOLUNTARY EDUCATION.....	184,841	184,841	---
320 CIVILIAN EDUCATION AND TRAINING.....	173,583	171,859	-1,724
330 JUNIOR ROTC.....	58,877	58,877	---
TOTAL, BUDGET ACTIVITY 3.....	3,573,006	3,553,030	-19,976

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
LOGISTICS OPERATIONS			
340 LOGISTICS OPERATIONS.....	1,107,846	1,107,846	---
350 TECHNICAL SUPPORT ACTIVITIES.....	924,185	924,185	---
360 DEPOT MAINTENANCE.....	48,778	48,778	---
370 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	321,013	321,013	---
380 BASE SUPPORT.....	1,115,910	1,115,910	---
SERVICEWIDE ACTIVITIES			
390 ADMINISTRATION.....	811,650	811,650	---
400 SERVICEWIDE COMMUNICATIONS.....	269,809	269,809	---
410 OTHER SERVICEWIDE ACTIVITIES.....	961,304	951,488	-9,816
420 CIVIL AIR PATROL CORPORATION.....	25,735	28,000	+2,265
SUPPORT TO OTHER NATIONS			
450 INTERNATIONAL SUPPORT.....	90,573	90,573	---
SECURITY PROGRAMS			
SECURITY PROGRAMS.....	1,131,603	1,131,603	---
TOTAL, BUDGET ACTIVITY 4.....	6,808,406	6,800,855	-7,551
OVERESTIMATION OF CIVILIAN FTE TARGETS AND STREAMLINING MANAGEMENT HEADQUARTERS.....	---	-47,205	-47,205
RESTORE READINESS.....	---	750,000	+750,000
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE.....	37,518,056	38,209,602	+691,546

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
011A PRIMARY COMBAT FORCES Unjustified program growth	3,294,124	3,289,874 -4,250	-4,250
011M DEPOT MAINTENANCE Unjustified program growth Program increase	7,042,988	7,043,165 -4,833 5,000	167
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Program increase	1,657,019	1,682,019 25,000	25,000
011Z BASE SUPPORT Unjustified program growth	2,787,216	2,783,491 -3,725	-3,725
012C OTHER COMBAT OPS SPT PROGRAMS Unjustified program growth	1,070,178	1,060,108 -10,070	-10,070
021M DEPOT MAINTENANCE Program increase	1,553,439	1,558,439 5,000	5,000
021R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Program increase	258,328	262,484 4,156	4,156
031A OFFICER ACQUISITION Unjustified program growth	120,886	113,411 -7,475	-7,475
031Z BASE SUPPORT Unjustified program growth	819,915	816,138 -3,777	-3,777
032C PROFESSIONAL DEVELOPMENT EDUCATION Unjustified program growth	264,213	262,213 -2,000	-2,000
033A RECRUITING AND ADVERTISING Unjustified program growth	104,754	99,754 -5,000	-5,000
033D CIVILIAN EDUCATION AND TRAINING Unjustified program growth	173,583	171,859 -1,724	-1,724
042G OTHER SERVICEWIDE ACTIVITIES Price growth requested as program growth	961,304	951,488 -9,816	-9,816
042I CIVIL AIR PATROL Program increase	25,735	28,000 2,265	2,265
OVERESTIMATION OF CIVILIAN FTE TARGETS		-47,205	-47,205
RESTORE READINESS		750,000	750,000

## AIR EDUCATION AND TRAINING COMMAND FACILITIES

The report accompanying the House-passed Department of Defense Appropriations Act, 2016 recognized the adverse impact that flooding and other infrastructure challenges have had on Air Education and Training Command facilities, equipment, operations, and training. The Committee recognizes that steps have been taken to begin the mitigation of some of these effects through multi-year projects. The Committee supports these efforts and urges completion of projects that are underway, along with the utilization of a similar approach to address additional deficiencies.

## OFFUTT AIR FORCE BASE

The Committee understands the Air Force is replacing the runway at Offutt Air Force Base. The Committee urges the Secretary of the Air Force to continually inform the House and Senate Appropriations Committees on its progress.

## OPERATION AND MAINTENANCE, DEFENSE-WIDE

Fiscal year 2016 appropriation .....	\$32,105,040,000
Fiscal year 2017 budget request .....	32,571,590,000
Committee recommendation .....	32,263,224,000
Change from budget request .....	-308,366,000

The Committee recommends an appropriation of \$32,263,224,000, for Operation and Maintenance, Defense-Wide which will provide the following program in fiscal year 2017:



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 JOINT CHIEFS OF STAFF.....	506,113	504,159	-1,954
20 OFFICE OF THE SECRETARY OF DEFENSE.....	524,439	524,439	---
30 SPECIAL OPERATIONS COMMAND.....	4,898,159	4,684,801	-213,358
TOTAL, BUDGET ACTIVITY 1.....	5,928,711	5,713,399	-215,312
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
40 DEFENSE ACQUISITION UNIVERSITY.....	138,658	138,658	---
50 JOINT CHIEFS OF STAFF RECRUITING, AND OTHER TRAINING AND EDUCATION.....	85,701	85,701	---
70 SPECIAL OPERATIONS COMMAND.....	365,349	357,349	-8,000
TOTAL, BUDGET ACTIVITY 3.....	589,708	581,708	-8,000
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
80 CIVIL MILITARY PROGRAMS.....	160,480	195,819	+35,339
100 DEFENSE CONTRACT AUDIT AGENCY.....	630,925	624,938	-5,987
110 DEFENSE CONTRACT MANAGEMENT AGENCY.....	1,356,380	1,356,380	---
120 DEFENSE HUMAN RESOURCES ACTIVITY.....	683,820	697,860	+14,240
130 DEFENSE INFORMATION SYSTEMS AGENCY.....	1,439,891	1,442,891	+3,000
150 DEFENSE LEGAL SERVICES AGENCY.....	24,984	24,984	---
160 DEFENSE LOGISTICS AGENCY.....	357,964	360,251	+2,287
170 DEFENSE MEDIA ACTIVITY.....	223,422	219,518	-3,904
180 DEFENSE POW /MISSING PERSONS OFFICE.....	112,681	112,681	---
170 DEFENSE SECURITY COOPERATION AGENCY.....	496,754	494,622	-2,132
180 DEFENSE SECURITY SERVICE.....	538,711	538,353	-2,358
200 DEFENSE TECHNOLOGY SECURITY AGENCY.....	35,417	35,417	---
210 DEFENSE THREAT REDUCTION AGENCY.....	448,146	444,346	-3,800
230 DEPARTMENT OF DEFENSE EDUCATION ACTIVITY.....	2,671,143	2,643,910	-27,233

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
240 MISSILE DEFENSE AGENCY.....	446,975	440,725	-6,250
260 OFFICE OF ECONOMIC ADJUSTMENT.....	155,399	155,399	---
270 OFFICE OF THE SECRETARY OF DEFENSE.....	1,481,643	1,479,539	-2,104
280 SPECIAL OPERATIONS COMMAND.....	89,429	88,929	-500
290 WASHINGTON HEADQUARTERS SERVICES.....	629,874	627,022	-2,852
OTHER PROGRAMS.....	14,089,333	13,951,533	-117,800
TOTAL, BUDGET ACTIVITY 4.....	26,053,171	25,933,117	-120,054
IMPACT AID.....	---	30,000	+30,000
IMPACT AID FOR CHILDREN WITH DISABILITIES.....	---	5,000	+5,000
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE.....	32,571,590	32,263,224	-308,366

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

<b>O-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>1PL1 JOINT CHIEFS OF STAFF</b>	<b>505,113</b>	<b>504,159</b>	<b>-1,954</b>
Support to Info Ops Capabilities - unjustified growth		-1,954	
<b>1PL2 SPECIAL OPERATIONS COMMAND</b>	<b>4,899,159</b>	<b>4,684,801</b>	<b>-213,358</b>
Overestimation of civilian FTE targets		-20,958	
Wages - unjustified growth		-50,000	
Contract support - unjustified growth		-10,000	
Base support - unjustified growth		-12,000	
Combat development activities - unjustified growth for equipment maintenance		-8,400	
Combat development activities - unjustified growth for equipment purchases		-7,400	
Combat development activities - unjustified growth for other services		-26,200	
Flight operations - unjustified growth for flight operations		-40,000	
Intelligence - unjustified growth		-5,800	
Maintenance - unjustified growth		-17,000	
Maintenance - unjustified growth for one time purchase		-6,100	
Other operations - unjustified growth		-5,200	
Navy requested transfer to RDTE,N line 23		-4,500	
<b>3EV7 SPECIAL OPERATIONS COMMAND / TRAINING AND RECRUITING</b>	<b>365,349</b>	<b>357,349</b>	<b>-8,000</b>
Specialized skill training - unjustified growth		-8,000	
<b>4GT3 CIVIL MILITARY PROGRAMS</b>	<b>160,480</b>	<b>195,819</b>	<b>35,339</b>
Program increase - Youth Challenge		10,339	
Program increase - STARBASE		25,000	
<b>4GT6 DEFENSE CONTRACT AUDIT AGENCY</b>	<b>630,325</b>	<b>624,938</b>	<b>-5,987</b>
Civilian personnel compensation - unjustified growth		-5,987	
<b>4GT8 DEFENSE HUMAN RESOURCES AGENCY</b>	<b>683,620</b>	<b>697,860</b>	<b>14,240</b>
Enterprise Human Resources Information System - unjustified growth		-4,058	
Defense Travel Management Office - unjustified growth		-7,702	
Program increase - Joint Advertising, Market Research, and Studies		1,000	
Program increase - Sexual Assault Special Victims' Counsel Program		25,000	
<b>4GT9 DEFENSE INFORMATION SYSTEMS AGENCY</b>	<b>1,439,891</b>	<b>1,442,891</b>	<b>3,000</b>
Program increase - Secure Communications		5,000	
Program reduction		-2,000	
<b>4GTE DEFENSE LOGISTICS AGENCY</b>	<b>357,984</b>	<b>360,251</b>	<b>2,267</b>
Program increase - Procurement Technical Assistance Program		11,781	
Enterprise Business Systems - unjustified growth		-9,494	
<b>ES18 DEFENSE MEDIA ACTIVITY</b>	<b>223,422</b>	<b>219,518</b>	<b>-3,904</b>
Imagery services - unjustified growth		-3,904	

O-1	Budget Request	Committee Recommended	Change from Request
<b>4GTI DEFENSE SECURITY COOPERATION AGENCY</b>	<b>496,754</b>	<b>494,622</b>	<b>-2,132</b>
Overestimation of civilian FTE targets		-662	
Administration expenses - unjustified growth		-293	
Fellowship programs - unjustified growth		-1,177	
<b>4GTE DEFENSE SECURITY SERVICE</b>	<b>538,711</b>	<b>536,353</b>	<b>-2,358</b>
Overestimation of civilian FTE targets		-4,858	
Program increase - Insider Threat		2,500	
<b>4GTI DEFENSE THREAT REDUCTION AGENCY</b>	<b>448,146</b>	<b>444,346</b>	<b>-3,800</b>
CWMD sustainment - unjustified growth		-3,800	
<b>4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY</b>	<b>2,671,143</b>	<b>2,643,910</b>	<b>-27,233</b>
Overestimation of civilian FTE targets		-27,233	
<b>011A MISSILE DEFENSE AGENCY</b>	<b>446,975</b>	<b>440,725</b>	<b>-6,250</b>
THAAD sustainment early to need		-6,250	
<b>4GTN OFFICE OF THE SECRETARY OF DEFENSE</b>	<b>1,481,643</b>	<b>1,479,539</b>	<b>-2,104</b>
Overestimation of civilian FTE targets		-5,886	
OSD Policy Rewards Program - unjustified growth		-1,000	
OSD Strategy Development - unjustified growth		-820	
BRAC 2016 round planning and analyses - program reduction		-3,500	
Program increase - Readiness and Environmental Protection Initiative		14,980	
CWMD - program reduction		-4,498	
Intelligence Management - program reduction		-1,400	
<b>4GTI SPECIAL OPERATIONS COMMAND</b>	<b>89,429</b>	<b>88,929</b>	<b>-500</b>
Acquisition/program management - unjustified growth		-500	
<b>4GTC WASHINGTON HEADQUARTERS SERVICES</b>	<b>629,874</b>	<b>627,022</b>	<b>-2,852</b>
Unjustified growth		-2,852	
<b>999 OTHER PROGRAMS</b>	<b>14,068,333</b>	<b>13,951,533</b>	<b>-117,800</b>
Classified adjustment		-117,800	
<b>IMPACT AID</b>		<b>30,000</b>	
<b>IMPACT AID for children with disabilities</b>		<b>5,000</b>	

## BACKGROUND INVESTIGATION SYSTEMS

In response to increasing cybersecurity threats, including the recent compromise of information stored at the Office of Personnel Management (OPM), the Administration has proposed the creation of the National Background Investigations Bureau (NBIB). As a result of this effort, and as part of a series of changes to strengthen how the federal government safeguards background investigations of its employees and contractors, the Interagency Deputies Committee and the Office of Management and Budget (OMB) have determined that the responsibility for the development and sustainment of a new federal government background information technology system should transfer from OPM to the Department of Defense. The Defense Information Systems Agency (DISA) would be responsible for the development, implementation, and sustainment of this new background investigation system. The Committee requires more information about the Administration's proposal to create the NBIB, which would replace OPM's Federal Investigative Services Division. The Committee directs the Director of DISA, in coordination with the Director of OPM, to submit a progress report to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act, and quarterly thereafter, that includes the NBIB implementation plan, timeline with milestones, costs for each phase of implementation, anticipated outyear costs, governance structure, resource management structure, personnel structure, accountability policies between OPM and the Department of Defense, and any other significant issues related to the establishment of the NBIB.

## BASE SECURITY AND ACCESS CONTROL SYSTEMS

The Department of Defense and the Services continue to develop and deploy various credentialing and physical access control systems, which often result in different approaches to vetting and screening individuals that require access to military installations. The Committee encourages the Secretary of Defense to work with the Service Secretaries to update Department-wide policy and guidance concerning internally developed credentialing and physical access control systems to ensure that these systems are being utilized effectively. The Committee directs the Under Secretary of Defense (Comptroller), in conjunction with the Under Secretary of Defense (Policy), to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act that identifies and describes all Department credentialing and physical access control systems currently deployed, including commercially contracted services, any systems that are presently in development or in pilot demonstration, all costs associated with these systems, and any military installations that are not currently scanning credentials at base access points.

## PERFORMANCE-BASED LOGISTICS

The Committee recognizes that the Department of Defense values the use of performance-based logistics (PBL) contracts for maintenance and repair. The Services routinely use PBL to improve support for components such as aircraft engines and tires.

Similarly, the Defense Logistics Agency is combining multiple contracts for similar items into a single PBL arrangement that supports all the Services. The Committee encourages the Secretary of Defense and the Service Secretaries to continue expanding their use of PBL contracts.

#### MEALS READY-TO-EAT WAR RESERVE

The Committee recommendation fully supports the fiscal year 2017 request for the Defense Logistics Agency to maintain 2,500,000 cases of meals ready-to-eat and reaffirms support for the War Reserve stock objective of 5,000,000 cases.

#### DEFENSE LOGISTICS AGENCY AND THE FEDERAL PRISON INDUSTRY MISSION

While the Committee supports the Federal Prison Industry (FPI) mission to reduce crime by preparing inmates for successful reentry into society through job training, the Committee is increasingly concerned that the Defense Logistics Agency's (DLA) reliance on FPI is coming at the expense of the private sector, particularly small and disadvantaged businesses. This is especially troubling since the FPI organizing statute requires it be operated so that it "reduces to a minimum competition with private industry or free labor." Therefore, the Committee directs the Under Secretary of Defense (Acquisition, Technology, and Logistics), in coordination with the Director of DLA, to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that lists the contracts for which FPI is responsible for more than five percent of the production of any individual item. In addition, for each contract on the list, the report should identify whether any small businesses competed for, but did not win, the contract.

#### IMPROVING ASSET TRACKING AND IN-TRANSIT VISIBILITY

The Committee remains interested in the Department of Defense's strategy for improving asset tracking and in-transit visibility. The Committee supports the goal of enhancing asset visibility through item-unique identification (IUID) and automatic identification technology/automatic identification and data capture processes, but remains concerned with the Department's compliance with its own IUID policy that was issued in September 2015. The Committee directs the Director of the Defense Contract Management Agency (DCMA) to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act that describes the DCMA's plan to foster the adoption, implementation, and verification of the revised IUID policy across the Department and the defense industrial base.

#### DEPARTMENT OF DEFENSE EDUCATION ACTIVITY

The Committee recognizes the importance of continually evolving and improving the curriculum of high school students to remain current with emerging technology and to inspire and educate young students to be independent thinkers, designers, and inventors. The Committee directs the Director of the Department of Defense Edu-

cation Activity (DODEA) to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act that describes how a new program could be initiated to integrate digital education, design thinking, and additive manufacturing into the curriculum for DODEA high school students.

#### PUBLIC SCHOOLS ON DEPARTMENT OF DEFENSE INSTALLATIONS

In fiscal year 2011, the Office of Economic Adjustment was provided authority to evaluate the condition and capacity of public schools located on Department of Defense installations. These schools, although on base, are run by local public school districts but serve a significant number of military dependent children. A priority list was approved in 2011 to disburse funds to the most disadvantaged schools. Since 2011, many schools have experienced changes due to military activity that directly impact capacity and conditions. The Committee encourages the Secretary of Defense to conduct an updated assessment and to create a priority list to address the condition and capacity of public schools on military installations that may have been included in the priority list from July 2011 but have not yet received funding.

#### PILOT PROGRAM TO ASSIST MEMBERS OF THE ARMED FORCES

The Committee remains concerned with the ability of servicemembers to attain employment after they leave the military and understands that a pilot program to address this issue was authorized in the National Defense Authorization Act for fiscal year 2015. The Committee directs the Secretary of Defense, in coordination with the Secretary of Veterans Affairs, to submit a report to the congressional defense committees not later than January 15, 2017, that details the feasibility of establishing a pilot program to assist members of the armed forces in obtaining post-service employment, the program requirements set forth in the National Defense Authorization Act for fiscal year 2015, and the annual funding required by the Department of Defense and the Department of Veterans Affairs to implement and sustain such a program.

#### SOCIAL MEDIA ANALYTICAL CELL

The Committee is concerned with the widespread use of social media to foster unrest and to encourage recruitment to terrorist organizations. The creation of a social media analytical cell that is capable of analyzing transnational threats and social media recruitment and providing counter-messages would be an asset to the Department of Defense. The Committee urges the Secretary of Defense to consider starting a pilot program for a social media analytical cell in the United States European Command area of responsibility.

#### OPERATION AND MAINTENANCE, ARMY RESERVE

Fiscal year 2016 appropriation .....	\$2,646,911,000
Fiscal year 2017 budget request .....	2,712,331,000
Committee recommendation .....	2,767,471,000
Change from budget request .....	+55,140,000

The Committee recommends an appropriation of \$2,767,471,000 for Operation and Maintenance, Army Reserve which will provide the following program in fiscal year 2017:



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
OPERATION AND MAINTENANCE, ARMY RESERVE				
BUDGET ACTIVITY 1: OPERATING FORCES				
LAND FORCES				
20	MODULAR SUPPORT BRIGADES.....	11,435	11,435	---
30	ECHELONS ABOVE BRIGADES.....	491,772	491,772	---
40	THEATER LEVEL ASSETS.....	116,163	116,163	---
50	LAND FORCES OPERATIONS SUPPORT.....	563,524	563,524	---
60	AVIATION ASSETS.....	91,162	91,162	---
LAND FORCES READINESS				
70	FORCES READINESS OPERATIONS SUPPORT.....	347,459	344,712	-2,747
80	LAND FORCES SYSTEM READINESS.....	101,926	101,926	---
90	DEPOT MAINTENANCE.....	56,219	56,219	---
LAND FORCES READINESS SUPPORT				
100	BASE OPERATIONS SUPPORT.....	573,843	573,843	---
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	214,955	223,912	+8,957
120	MANAGEMENT AND OPERATIONS HEADQUARTERS.....	37,620	37,620	---
TOTAL, BUDGET ACTIVITY 1.....				
	2,606,078	2,612,288	+6,210	
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
ADMINISTRATION AND SERVICEWIDE ACTIVITIES				
130	SERVICEWIDE TRANSPORTATION.....	11,027	11,027	---
140	ADMINISTRATION.....	16,749	16,749	---
150	SERVICEWIDE COMMUNICATIONS.....	17,825	17,825	---
160	PERSONNEL/FINANCIAL ADMINISTRATION .....	6,177	6,177	---
170	RECRUITING AND ADVERTISING.....	54,475	53,405	-1,070
TOTAL, BUDGET ACTIVITY 4.....				
	106,253	105,183	-1,070	
RESTORE READINESS.....				
	---	50,000	+50,000	
TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE.....				
	2,712,331	2,767,471	+55,140	

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

<b>O-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>121 FORCES READINESS OPERATIONS SUPPORT</b>	<b>347,459</b>	<b>344,712</b>	<b>-2,747</b>
Unjustified program growth		-2,947	
Program increase - language capabilities		200	
<b>132 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>214,955</b>	<b>223,912</b>	<b>8,957</b>
Program increase		8,957	
<b>434 RECRUITING AND ADVERTISING</b>	<b>54,475</b>	<b>53,405</b>	<b>-1,070</b>
Unjustified program growth		-1,070	
<b>RESTORE READINESS</b>		<b>50,000</b>	

**OPERATION AND MAINTENANCE, NAVY RESERVE**

Fiscal year 2016 appropriation .....	\$998,481,000
Fiscal year 2017 budget request .....	927,656,000
Committee recommendation .....	975,724,000
Change from budget request .....	+48,068,000

The Committee recommends an appropriation of \$975,724,000 for Operation and Maintenance, Navy Reserve which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, NAVY RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 RESERVE AIR OPERATIONS			
MISSION AND OTHER FLIGHT OPERATIONS.....	526,190	523,290	-2,900
20 INTERMEDIATE MAINTENANCE.....	6,714	6,714	---
40 AIRCRAFT DEPOT MAINTENANCE.....	86,209	86,209	---
50 AIRCRAFT DEPOT OPERATIONS SUPPORT.....	389	389	---
60 AVIATION LOGISTICS.....	10,189	10,189	---
70 RESERVE SHIP OPERATIONS			
SHIP OPERATIONAL SUPPORT AND TRAINING.....	560	560	---
90 RESERVE COMBAT OPERATIONS SUPPORT			
COMBAT COMMUNICATIONS.....	13,173	13,173	---
100 COMBAT SUPPORT FORCES.....	109,053	109,053	---
120 RESERVE WEAPONS SUPPORT			
ENTERPRISE INFORMATION TECHNOLOGY.....	27,226	27,226	---
130 BASE OPERATING SUPPORT			
FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	27,571	30,071	+2,500
140 BASE OPERATING SUPPORT.....	99,166	99,166	---
TOTAL, BUDGET ACTIVITY 1.....	906,440	906,040	-400
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
150 ADMINISTRATION.....	1,351	1,351	---
160 MILITARY MANPOWER & PERSONNEL.....	13,251	13,251	---
170 SERVICEWIDE COMMUNICATIONS.....	3,445	3,445	---
180 ACQUISITION AND PROGRAM MANAGEMENT.....	3,169	3,169	---
TOTAL, BUDGET ACTIVITY 4.....	21,216	21,216	---
OVERESTIMATION OF CIVILIAN FTE TARGETS AND STREAMLINING MANAGEMENT HEADQUARTERS.....	---	-1,532	-1,532
RESTORE READINESS.....	---	50,000	+50,000
TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE.....	927,656	975,724	+48,068

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

<b>O-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>1A1A MISSION AND OTHER FLIGHT OPERATIONS</b>	<b>526,190</b>	<b>523,290</b>	<b>-2,900</b>
Projected underexecution		-2,900	
<b>BSMF FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>27,571</b>	<b>30,071</b>	<b>2,500</b>
Program increase		2,500	
<b>OVERESTIMATION OF CIVILIAN FTE TARGETS</b>		<b>-1,532</b>	<b>-1,532</b>
<b>RESTORE READINESS</b>		<b>50,000</b>	<b>50,000</b>

# OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Fiscal year 2016 appropriation .....	\$274,526,000
Fiscal year 2017 budget request .....	270,633,000
Committee recommendation .....	320,066,000
Change from budget request .....	+49,433,000

The Committee recommends an appropriation of \$320,066,000 for Operation and Maintenance, Marine Corps Reserve which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 EXPEDITIONARY FORCES			
10 OPERATING FORCES.....	94,154	94,154	---
20 DEPOT MAINTENANCE.....	18,594	18,594	---
30 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	25,470	26,470	+1,000
40 BASE OPERATING SUPPORT.....	111,550	109,983	-1,567
-----			
TOTAL, BUDGET ACTIVITY 1.....	249,768	249,201	-567
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
90 ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
90 SERVICEWIDE TRANSPORTATION.....	902	902	---
60 ADMINISTRATION.....	11,130	11,130	---
70 RECRUITING AND ADVERTISING.....	8,833	8,833	---
-----			
TOTAL, BUDGET ACTIVITY 4.....	20,865	20,865	---
RESTORE READINESS.....	---	50,000	+50,000
=====			
TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE..	270,633	320,066	+49,433
=====			

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

<b>O-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>BSM1 FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>25,470</b>	<b>26,470</b>	<b>1,000</b>
Program increase		1,000	
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>111,550</b>	<b>109,983</b>	<b>-1,567</b>
Unjustified program growth		-1,567	
<b>RESTORE READINESS</b>		<b>50,000</b>	<b>50,000</b>



# OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Fiscal year 2016 appropriation .....	\$2,980,768,000
Fiscal year 2017 budget request .....	3,067,929,000
Committee recommendation .....	3,106,066,000
Change from budget request .....	+38,137,000

The Committee recommends an appropriation of \$3,106,066,000 for Operation and Maintenance, Air Force Reserve which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, AIR FORCE RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10 PRIMARY COMBAT FORCES.....	1,707,882	1,706,157	-1,725
20 MISSION SUPPORT OPERATIONS.....	230,016	228,516	-1,500
30 DEPOT MAINTENANCE.....	541,743	541,743	---
40 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	113,470	132,270	+18,800
50 BASE OPERATING SUPPORT.....	384,832	384,832	---
TOTAL, BUDGET ACTIVITY 1.....	2,977,943	2,993,518	+15,575
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
60 ADMINISTRATION.....	54,939	54,939	---
70 RECRUITING AND ADVERTISING.....	14,754	14,754	---
80 MILITARY MANPOWER AND PERSONNEL MANAGEMENT.....	12,707	12,707	---
90 OTHER PERSONNEL SUPPORT.....	7,210	7,210	---
100 AUDIOVISUAL.....	376	376	---
TOTAL, BUDGET ACTIVITY 4.....	89,986	89,986	---
CIVILIAN FTE GROWTH EXCESS TO REQUIREMENT.....	---	-27,438	-27,438
RESTORE READINESS.....	---	50,000	+50,000
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE...	3,067,929	3,106,086	+38,137

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

O-1	Budget Request	Committee Recommended	Change from Request
<b>011A PRIMARY COMBAT FORCES</b>	<b>1,707,882</b>	<b>1,706,157</b>	<b>-1,725</b>
Projected underexecution		-1,725	
<b>011G MISSION SUPPORT OPERATIONS</b>	<b>230,016</b>	<b>228,516</b>	<b>-1,500</b>
Justification does not match summary of price and program changes		-1,500	
<b>011R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>113,470</b>	<b>132,270</b>	<b>18,800</b>
Program increase		18,800	
<b>CIVILIAN FTE GROWTH EXCESS TO REQUIREMENT</b>		<b>-27,438</b>	<b>-27,438</b>
<b>RESTORE READINESS</b>		<b>50,000</b>	<b>50,000</b>

## AIR FORCE RESERVE SPECIALIZED MISSIONS

The Committee understands that the Air Force Reserve includes units that have a designated specialized mission as well as a traditional tactical mission. The Committee is aware of concerns that these specialized units may lack sufficient training hours to fulfill both their tactical and specialized missions. The Committee encourages the Chief of the Air Force Reserve to review requirements to ensure that specialized units are allocated sufficient training hours to successfully perform both their specialized and tactical missions and are allocated equipment upgrades necessary to address safety concerns associated with these missions. When deciding which specialized missions to target for equipment upgrades, the Committee urges that strong consideration be given to those missions utilizing the oldest equipment. The Committee also supports efforts to build partnerships between units performing specialized missions and other government agencies when practical.

## OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Fiscal year 2016 appropriation .....	\$6,595,483,000
Fiscal year 2017 budget request .....	6,825,370,000
Committee recommendation .....	6,923,595,000
Change from budget request .....	+98,225,000

The Committee recommends an appropriation of \$6,923,595,000 for Operation and Maintenance, Army National Guard which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD			
BUDGET ACTIVITY 1: OPERATING FORCES			
10 LAND FORCES			
MANEUVER UNITS.....	708,251	708,251	---
20 MODULAR SUPPORT BRIGADES.....	197,251	197,251	---
30 ECHELONS ABOVE BRIGADE.....	792,271	788,178	+4,093
40 THEATER LEVEL ASSETS.....	80,341	84,341	+4,000
50 LAND FORCES OPERATIONS SUPPORT.....	37,138	37,138	---
60 AVIATION ASSETS.....	887,625	889,825	+2,200
70 LAND FORCES READINESS			
FORCE READINESS OPERATIONS SUPPORT.....	696,267	693,153	-3,114
80 LAND FORCES SYSTEMS READINESS.....	61,240	61,240	---
90 LAND FORCES DEPOT MAINTENANCE.....	219,948	219,948	---
100 LAND FORCES READINESS SUPPORT			
BASE OPERATIONS SUPPORT.....	1,040,012	1,038,189	-1,823
110 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	676,716	692,947	+16,232
120 MANAGEMENT AND OPERATIONAL HEADQUARTERS.....	1,021,144	1,008,817	-12,327
TOTAL, BUDGET ACTIVITY 1.....	6,418,203	6,419,278	+1,075
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
130 ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
SERVICEWIDE TRANSPORTATION.....	6,396	6,396	---
140 ADMINISTRATION.....	68,528	69,678	+1,150
150 SERVICEWIDE COMMUNICATIONS.....	76,524	76,524	---
160 MANPOWER MANAGEMENT.....	7,712	7,712	---
170 RECRUITING AND ADVERTISING.....	245,046	245,046	---
180 REAL ESTATE MANAGEMENT.....	2,961	2,961	---
TOTAL, BUDGET ACTIVITY 4.....	407,167	408,317	+1,150
MAINTAIN FOUR (4) APACHE BATTALIONS.....	---	46,000	+46,000
RESTORE READINESS.....	---	50,000	+50,000
TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD...	6,825,370	6,923,595	+98,225

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

O-1	Budget Request	Committee Recommended	Change from Request
113 ECHELONS ABOVE BRIGADE Unjustified program growth	792,271	788,178 -4,093	-4,093
114 THEATER LEVEL ASSETS Program increase - Operation Phalanx	80,341	84,341 4,000	4,000
116 AVIATION ASSETS Program increase - Operation Phalanx Unjustified program growth	887,625	889,825 5,000 -2,800	2,200
121 FORCE READINESS OPERATIONS SUPPORT Unjustified program growth Program increase - cyber protection teams Program increase - language capabilities	696,267	693,153 -6,315 3,000 200	-3,115
131 BASE OPERATIONS SUPPORT Program increase Unjustified program growth	1,040,012	1,038,189 555 -2,378	-1,823
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Program increase	676,715	692,947 16,232	16,232
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS Unjustified program growth	1,021,144	1,008,817 -12,327	-12,327
431 ADMINISTRATION Program increase - State Partnership Program	68,528	69,678 1,150	1,150
MAINTAIN 4 APACHE BATTALIONS		46,000	46,000
RESTORE READINESS		50,000	50,000

# **OPERATION AND MAINTENANCE, AIR NATIONAL GUARD**

Fiscal year 2016 appropriation .....	\$6,820,569,000
Fiscal year 2017 budget request .....	6,703,578,000
Committee recommendation .....	6,708,200,000
Change from budget request .....	+4,622,000

The Committee recommends an appropriation of \$6,708,200,000 for Operation and Maintenance, Air National Guard which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10 AIRCRAFT OPERATIONS.....	3,282,238	3,266,057	-16,181
20 MISSION SUPPORT OPERATIONS.....	723,062	725,012	+1,950
30 DEPOT MAINTENANCE.....	1,824,329	1,824,329	---
40 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ....	245,840	255,840	+10,000
50 BASE OPERATING SUPPORT.....	575,548	566,507	-9,041
TOTAL, BUDGET ACTIVITY 1.....	6,651,017	6,637,745	-13,272
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE ACTIVITIES			
60 ADMINISTRATION.....	23,715	23,715	---
70 RECRUITING AND ADVERTISING.....	28,846	28,846	---
TOTAL, BUDGET ACTIVITY 4.....	52,561	52,561	---
LOWER THAN BUDGETED CIVILIAN COMPENSATION.....	---	-32,106	-32,106
RESTORE READINESS.....	---	50,000	+50,000
TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD....	6,703,578	6,708,200	+4,622



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

<b>O-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>011F AIRCRAFT OPERATIONS</b>	<b>3,282,238</b>	<b>3,266,057</b>	<b>-16,181</b>
Projected underexecution		-12,181	
Unjustified growth		-4,000	
<b>011G MISSION SUPPORT OPERATIONS</b>	<b>723,062</b>	<b>725,012</b>	<b>1,950</b>
Program increase - State Partnership Program		1,950	
<b>011R FACILITIES SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>245,840</b>	<b>255,840</b>	<b>10,000</b>
Program increase		10,000	
<b>011Z BASE OPERATING SUPPORT</b>	<b>575,548</b>	<b>565,507</b>	<b>-9,041</b>
Unjustified growth		-9,041	
<b>LOWER THAN BUDGETED CIVILIAN COMPENSATION</b>		<b>-32,106</b>	<b>-32,106</b>
<b>RESTORE READINESS</b>		<b>50,000</b>	<b>50,000</b>

## UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

Fiscal year 2016 appropriation .....	\$14,078,000
Fiscal year 2017 budget request .....	14,194,000
Committee recommendation .....	14,194,000
Change from budget request .....	---

The Committee recommends an appropriation of \$14,194,000 for the United States Court of Appeals for the Armed Forces.

### ENVIRONMENTAL RESTORATION, ARMY

Fiscal year 2016 appropriation .....	\$234,829,000
Fiscal year 2017 budget request .....	170,167,000
Committee recommendation .....	170,167,000
Change from budget request .....	---

The Committee recommends an appropriation of \$170,167,000 for Environmental Restoration, Army.

### ENVIRONMENTAL RESTORATION, NAVY

Fiscal year 2016 appropriation .....	\$300,000,000
Fiscal year 2017 budget request .....	281,762,000
Committee recommendation .....	289,262,000
Change from budget request .....	+7,500,000

The Committee recommends an appropriation of \$289,262,000 for Environmental Restoration, Navy.

### VIEQUES AND CULEBRA ENVIRONMENTAL RESTORATION

The Committee remains interested in the pace and scope of environmental restoration on the island municipalities of Culebra and Vieques in Puerto Rico, and commends the Department of Defense for demonstrating progress in a recent report provided to the Committee. However, public safety hazards still exist on each island and decontamination of these islands should be a priority for environmental restoration programs within the Department. The Committee directs the Assistant Secretary of Defense (Energy, Installations, and Environment) to brief the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the progress of the current implementation strategy, the status of the installation restoration program sites and the military munitions response program sites, and the remediation investigations timeline for Culebra and Vieques. The brief should include potential links between the identified ordnance to be removed and any possible threats to public health.

### ENVIRONMENTAL RESTORATION, AIR FORCE

Fiscal year 2016 appropriation .....	\$368,131,000
Fiscal year 2017 budget request .....	371,521,000
Committee recommendation .....	371,521,000
Change from budget request .....	---

The Committee recommends an appropriation of \$371,521,000 for Environmental Restoration, Air Force.

## ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Fiscal year 2016 appropriation .....	\$8,232,000
Fiscal year 2017 budget request .....	9,009,000
Committee recommendation .....	9,009,000
Change from budget request .....	---

The Committee recommends an appropriation of \$9,009,000 for Environmental Restoration, Defense-Wide.

ENVIRONMENTAL RESTORATION, FORMERLY USED  
DEFENSE SITES

Fiscal year 2016 appropriation .....	\$231,217,000
Fiscal year 2017 budget request .....	197,084,000
Committee recommendation .....	222,084,000
Change from budget request .....	+25,000,000

The Committee recommends an appropriation of \$222,084,000 for Environmental Restoration, Formerly Used Defense Sites.

## OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

Fiscal year 2016 appropriation .....	\$103,266,000
Fiscal year 2017 budget request .....	105,125,000
Committee recommendation .....	108,125,000
Change from budget request .....	+3,000,000

The Committee recommends an appropriation of \$108,125,000 for Overseas Humanitarian, Disaster, and Civic Aid.

## COOPERATIVE THREAT REDUCTION ACCOUNT

Fiscal year 2016 appropriation .....	\$358,496,000
Fiscal year 2017 budget request .....	325,604,000
Committee recommendation .....	325,604,000
Change from budget request .....	---

The Committee recommends an appropriation of \$325,604,000 for the Cooperative Threat Reduction Account which will provide the following program in fiscal year 2017:

## EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

(In thousands of dollars)

	Budget Request	Committee Recommended	Change from Request
COOPERATIVE THREAT REDUCTION			
Strategic Offensive Arms Elimination .....	11,791	11,791	---
Chemical Weapons Destruction .....	2,942	2,942	---
Global Nuclear Security .....	16,899	16,899	---
Cooperative Biological Engagement .....	213,984	213,984	---
Proliferation Prevention .....	50,709	50,709	---
Threat Reduction Engagement .....	2,000	2,000	---
Other Assessments/Admin Costs .....	27,279	27,279	---
TOTAL, COOPERATIVE THREAT REDUCTION .....	325,604	325,604	---



### TITLE III

#### PROCUREMENT

The fiscal year 2017 Department of Defense procurement budget request totals \$101,916,357,000. The Committee recommendation provides \$104,208,070,000 for the procurement accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
SUMMARY			
ARMY			
AIRCRAFT.....	3,614,787	4,628,697	+1,013,910
MISSILES.....	1,519,966	1,502,377	-17,589
WEAPONS AND TRACKED COMBAT VEHICLES.....	2,265,177	2,244,547	-20,630
AMMUNITION.....	1,513,157	1,513,157	---
OTHER.....	5,873,949	6,089,356	+215,407
TOTAL, ARMY.....	14,787,036	15,978,134	+1,191,098
NAVY			
AIRCRAFT.....	14,109,148	15,900,093	+1,790,945
WEAPONS.....	3,209,262	3,102,544	-106,718
AMMUNITION.....	664,368	601,563	-62,805
SHIPS.....	18,354,874	18,484,524	+129,650
OTHER.....	6,338,861	6,099,326	-239,535
MARINE CORPS.....	1,362,769	1,213,872	-148,897
TOTAL, NAVY.....	44,039,282	45,401,922	+1,362,640
AIR FORCE			
AIRCRAFT.....	13,922,917	14,325,117	+402,200
MISSILES.....	2,426,621	2,288,772	-137,849
SPACE.....	3,055,743	2,538,162	-517,591
AMMUNITION.....	1,677,719	1,609,719	-68,000
OTHER.....	17,438,056	17,342,313	-95,743
TOTAL, AIR FORCE.....	38,521,056	38,104,073	-416,983
DEFENSE-WIDE			
DEFENSE-WIDE.....	4,524,918	4,649,876	+124,958
DEFENSE PRODUCTION ACT PURCHASES.....	44,065	74,065	+30,000
	=====	=====	=====
TOTAL PROCUREMENT.....	101,916,357	104,208,070	+2,291,713
	=====	=====	=====

## REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Committee directs the Secretary of Defense to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations bill, 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 Committee directs the Under Secretary of Defense (Comptroller) 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 the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 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 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 SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase "only for" or "only to" in this 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 specifically addressed in the Committee report. These items remain special interest items whether or not they are repeated in a subsequent conference report.

## FUNDING INCREASES

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

## CLASSIFIED ANNEX

Adjustments to the classified programs are addressed in a classified annex accompanying this report.

## AIRCRAFT PROCUREMENT, ARMY

Fiscal year 2016 appropriation .....	\$5,866,367,000
Fiscal year 2017 budget request .....	3,614,787,000
Committee recommendation .....	4,628,697,000
Change from budget request .....	+1,013,910,000

The Committee recommends an appropriation of \$4,628,697,000 for Aircraft Procurement, Army which will provide the following program in fiscal year 2017:



(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY
AIRCRAFT PROCUREMENT, ARMY						
AIRCRAFT						
1	FIXED WING					
	UTILITY F/W CARGO AIRCRAFT.....	3	57,529	3	57,529	---
3	HQ-1 UAV.....	---	55,388	12	250,388	+12 +195,000
ROTARY						
6	HELICOPTER, LIGHT UTILITY (LUH).....	---	---	20	131,000	+20 +131,000
7	AH-64 APACHE BLOCK IIIA REMAN.....	48	803,084	48	803,084	---
7A	AH-64 APACHE BLOCK IIIA NEW BUILD.....	---	---	10	374,210	+10 +374,210
8	AH-64 APACHE BLOCK IIIA REMAN (AP-CY).....	---	185,160	---	185,160	---
8A	AH-64 APACHE BLOCK IIIA NEW BUILD (AP-CY).....	---	---	---	71,800	--- +71,800
11	UH-60 BLACKHAWK (HYP).....	35	755,148	50	953,446	+14 +198,300
12	UH-60 BLACKHAWK (HYP) (AP-CY).....	---	174,107	---	174,107	---
13	UH-60 BLACKHAWK A AND L MODELS.....	38	46,173	38	46,173	---
14	CH-47 HELICOPTER.....	22	558,257	22	550,857	---
15	CH-47 HELICOPTER (AP-CY).....	---	8,707	---	8,707	---
TOTAL, AIRCRAFT.....			2,641,551		3,608,461	+964,910
MODIFICATION OF AIRCRAFT						
18	HQ-1 PAYLOAD - UAS.....	---	43,735	---	63,735	--- +20,000
19	MULTI SENSOR ABN RECON (MIP).....	---	94,527	---	94,527	---
20	AH-64 MODS.....	---	137,883	---	137,883	---
21	CH-47 CARGO HELICOPTER MODS.....	---	102,943	---	102,943	---
22	GRCS SEMA MODS (MIP).....	---	4,055	---	4,055	---
23	ARL SEMA MODS (MIP).....	---	6,793	---	6,793	---
24	ENARSS SEMA MODS (MIP).....	---	13,197	---	13,197	---
25	UTILITY/CARGO AIRPLANE MODS.....	---	17,526	---	17,526	---
26	UTILITY HELICOPTER MODS.....	---	10,807	---	10,807	---
22	KIOWA WARRIOR.....	---	74,752	---	74,752	---
28	NETWORK AND MISSION PLAN.....	---	69,960	---	69,960	---
29	COMMS, NAV SURVEILLANCE.....	---	45,302	---	52,302	--- +7,000
30	GATH ROLLUP.....	---	71,169	---	71,169	---
31	RQ-7 UAV MODS.....	---	21,804	---	21,804	---
TOTAL, MODIFICATION OF AIRCRAFT.....			714,453		741,453	+27,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
-----						
SUPPORT EQUIPMENT AND FACILITIES						
GROUND SUPPORT AVIONICS						
32	AIRCRAFT SURVIVABILITY EQUIPMENT.....	---	67,377	---	89,377	--- +22,000
33	SURVIVABILITY CM.....	---	9,585	---	9,585	---
34	CMWS.....	---	41,626	---	41,626	---
OTHER SUPPORT						
35	AVIONICS SUPPORT EQUIPMENT.....	---	7,007	---	7,007	---
36	COMMON GROUND EQUIPMENT.....	---	48,234	---	48,234	---
37	AIRCREW INTEGRATED SYSTEMS.....	---	30,297	---	30,297	---
38	AIR TRAFFIC CONTROL.....	---	50,405	---	50,405	---
39	INDUSTRIAL FACILITIES.....	---	1,217	---	1,217	---
40	LAUNCHER, 2.75 ROCKET.....	---	3,055	---	3,055	---
-----						
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....			258,783		280,783	+22,000
-----						
TOTAL, AIRCRAFT PROCUREMENT, ARMY.....			3,614,787		4,628,697	+1,013,910
			=====		=====	=====

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

P-1	Budget Request	Committee Recommended	Change from Request
3 MQ-1 UAV Program increase - 12 aircraft	55,388	250,388 195,000	195,000
6 HELICOPTER, LIGHT UTILITY (LUH) Program increase - 20 aircraft	0	131,000 131,000	131,000
7A AH-64 APACHE BLOCK IIIA NEW BUILD Program increase - ten aircraft	0	374,210 374,210	374,210
8A AH-64 APACHE BLOCK IIIA NEW BUILD (AP-CY) Program increase	0	71,800 71,800	71,800
11 UH-60 BLACKHAWK (MYP) Program increase - 14 aircraft	755,146	953,446 198,300	198,300
14 CH-47 HELICOPTER Excess program management cost growth Excess support cost growth	556,257	550,857 -1,500 -3,900	-5,400
16 MQ-1 PAYLOAD - UAS Program increase - CSP HD upgrade	43,735	63,735 20,000	20,000
29 COMMS, NAV SURVEILLANCE Program increase - assured PNT	45,302	52,302 7,000	7,000
32 AIRCRAFT SURVIVABILITY EQUIPMENT Program increase - modernized radar warning system	67,377	89,377 22,000	22,000

## MISSILE PROCUREMENT, ARMY

Fiscal year 2016 appropriation .....	\$1,600,957,000
Fiscal year 2017 budget request .....	1,519,966,000
Committee recommendation .....	1,502,377,000
Change from budget request .....	- 17,589,000

The Committee recommends an appropriation of \$1,502,377,000 for Missile Procurement, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
-----						
MISSILE PROCUREMENT, ARMY						
OTHER MISSILES						
SURFACE-TO-AIR MISSILE SYSTEM						
2	LOWER TIER AIR AND MISSILE DEFENSE (AMD).....	---	126,470	---	126,470	---
3	HSE MISSILE.....	85	423,201	85	423,201	---
3	INDIRECT FIRE PROTECTION CAPABILITY.....	---	19,319	---	19,319	---
AIR-TO-SURFACE MISSILE SYSTEM						
3	HELLFIRE SYS SUMMARY.....	155	42,013	155	42,013	---
4	JOINT AIR-TO-GROUND MSLS (JAGM) .....	324	64,751	324	64,751	---
4	JOINT AIR-TO-GROUND MSLS (JAGM) (AP-CY).....	---	37,100	---	37,100	---
ANTI-TANK/ASSAULT MISSILE SYSTEM						
5	JAVELIN (AAWS-M) SYSTEM SUMMARY.....	309	73,508	309	71,808	-1,700
6	TOW 2 SYSTEM SUMMARY.....	595	64,922	595	64,922	---
7	TOW 2 SYSTEM SUMMARY (AP-CY).....	---	19,949	---	7,449	-12,500
8	GUIDED MLRS ROCKET (GMLRS).....	1,068	172,088	1,068	172,088	---
9	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR).....	1,704	18,004	1,704	18,004	---
-----						
TOTAL, OTHER MISSILES.....			1,081,325		1,047,125	-14,200
MODIFICATION OF MISSILES						
MODIFICATIONS						
11	PATRIOT MODS.....	---	197,107	---	197,107	---
12	ATACHS MODS.....	---	150,043	---	150,043	---
13	GMLRS MOD.....	---	395	---	395	---
15	AVENGER MODS.....	---	33,806	---	33,806	---
16	ITAS/TOW MODS.....	---	383	---	383	---
17	MLRS MODS.....	---	34,704	---	31,315	-3,389
18	HIMARS MODIFICATIONS.....	---	1,847	---	1,847	---
-----						
TOTAL, MODIFICATION OF MISSILES.....			418,085		414,696	-3,389
SPARES AND REPAIR PARTS						
19	SPARES AND REPAIR PARTS.....	---	34,487	---	34,487	---
SUPPORT EQUIPMENT AND FACILITIES						
20	AIR DEFENSE TARGETS.....	---	4,915	---	4,915	---
22	PRODUCTION BASE SUPPORT.....	---	1,154	---	1,154	---
-----						
TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....			6,089		6,089	---
-----						
TOTAL, MISSILE PROCUREMENT, ARMY.....			1,519,866		1,502,377	-17,589
			*****		*****	*****

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
5 JAVELIN (AAWS-M) SYSTEM SUMMARY	73,508	71,808	-1,700
Engineering services cost growth		-1,700	
7 TOW 2 SYSTEM SUMMARY (AP-CY)	19,949	7,449	-12,500
Advance procurement cost growth		-12,500	
17 MLRS MODS	34,704	31,315	-3,389
installation cost growth		-3,389	

# PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Fiscal year 2016 appropriation .....	\$1,951,646,000
Fiscal year 2017 budget request .....	2,265,177,000
Committee recommendation .....	2,244,547,000
Change from budget request .....	-20,630,000

The Committee recommends an appropriation of \$2,244,547,000 for Procurement of Weapons and Tracked Combat Vehicles, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (W&TCV), ARMY				
TRACKED COMBAT VEHICLES				
1 STRYKER VEHICLE.....	---	71,680	---	71,680
MODIFICATION OF TRACKED COMBAT VEHICLES				
2 STRYKER (MOD).....	---	74,348	---	74,348
3 STRYKER UPGRADE.....	62	444,561	62	439,831
5 BRADLEY PROGRAM (MOD).....	---	276,433	---	264,933
6 HOWITZER, MED SP FT 155MM M109A5 (MOD).....	---	53,138	---	53,138
7 PALADIN PIPH MOD IN SERVICE.....	36	469,305	36	469,305
8 IMPROVED RECOVERY VEHICLE (M88A2 HERCULES).....	22	91,963	22	91,963
9 ASSAULT BRIDGE (MOD).....	---	3,465	---	3,465
10 ARMORED BREACHER VEHICLE.....	---	2,928	---	2,928
11 M88 FOV MODS.....	---	8,685	---	8,685
12 JOINT ASSAULT BRIDGE.....	9	64,752	9	64,752
13 M1 ABRAMS TANK (MOD).....	---	480,166	---	475,766
SUPPORT EQUIPMENT AND FACILITIES				
TOTAL, TRACKED COMBAT VEHICLES.....		2,051,424		2,030,794
WEAPONS AND OTHER COMBAT VEHICLES				
15 INTEGRATED AIR BURST WEAPON SYSTEM FAMILY.....	---	9,764	---	9,764
16 MORTAR SYSTEMS.....	---	8,332	---	8,332
17 XM320 GRENADE LAUNCHER MODULE (GLM).....	---	3,062	---	3,062
19 COMPACT SEMI-AUTOMATIC SNIPER SYSTEM.....	---	992	---	992
20 CARBINE.....	---	40,493	---	40,493
21 COMMON REMOTELY OPERATED WEAPONS STATION.....	---	25,164	---	25,164



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT	QTY
					AMOUNT
MOD OF WEAPONS AND OTHER COMBAT VEH					
23 M4-19 GRENADE MACHINE GUN MODS.....	---	4,959	---	4,959	---
24 M777 MODS.....	---	11,913	---	11,913	---
25 M4 CARBINE MODS.....	---	29,752	---	29,752	---
26 M2 50 CAL MACHINE GUN MODS.....	---	48,582	---	48,582	---
27 M249 SAW MACHINE GUN MODS.....	---	1,179	---	1,179	---
28 M240 MEDIUM MACHINE GUN MODS.....	---	1,784	---	1,784	---
29 SNIPER RIFLES MODIFICATIONS.....	---	971	---	971	---
30 M119 MODIFICATIONS.....	---	6,045	---	6,045	---
32 MORTAR MODIFICATION.....	---	12,118	---	12,118	---
33 MODIFICATIONS LESS THAN \$5.0M (MOCV-WTCV).....	---	3,157	---	3,157	---
SUPPORT EQUIPMENT AND FACILITIES					
34 ITEMS LESS THAN \$5.0M (MOCV-WTCV).....	---	2,331	---	2,331	---
37 SMALL ARMS EQUIPMENT (SOLDIER ENH PROG).....	---	3,155	---	3,155	---
TOTAL, WEAPONS AND OTHER COMBAT VEHICLES.....		213,753		213,753	---
TOTAL, PROCUREMENT OF WTCV, ARMY.....		2,285,177		2,244,547	-20,630

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

P-1	Budget Request	Committee Recommended	Change from Request
<b>3 STRYKER UPGRADE</b>	<b>444,561</b>	<b>439,831</b>	<b>-4,730</b>
Excess Double-V Hull program management cost growth		-4,730	
<b>5 BRADLEY PROGRAM (MOD)</b>	<b>276,433</b>	<b>264,933</b>	<b>-11,500</b>
Excess program management growth		-11,500	
<b>13 M1 ABRAMS TANK (MOD)</b>	<b>420,166</b>	<b>475,766</b>	<b>-4,400</b>
Excess program engineering support		-4,400	

## PROCUREMENT OF AMMUNITION, ARMY

Fiscal year 2016 appropriation .....	\$1,245,426,000
Fiscal year 2017 budget request .....	1,513,157,000
Committee recommendation .....	1,513,157,000
Change from budget request .....	---

The Committee recommends an appropriation of \$1,513,157,000 for Procurement of Ammunition, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
PROCUREMENT OF AMMUNITION, ARMY							
AMMUNITION							
SMALL/MEDIUM CAL AMMUNITION							
1	CTG. 5.56MM, ALL TYPES.....	---	40,296	---	40,296	---	---
2	CTG. 7.62MM, ALL TYPES.....	---	39,237	---	39,237	---	---
3	CTG. HANDGUN, ALL TYPES.....	---	5,193	---	5,193	---	---
4	CTG. .50 CAL, ALL TYPES.....	---	46,693	---	46,693	---	---
5	CTG. 20MM, ALL TYPES.....	---	7,000	---	7,000	---	---
6	CTG. 25MM, ALL TYPES.....	---	7,753	---	7,753	---	---
8	CTG. 30MM, ALL TYPES.....	---	47,000	---	47,000	---	---
7	CTG. 40MM, ALL TYPES.....	---	118,178	---	118,178	---	---
MORTAR AMMUNITION							
8	80MM MORTAR, ALL TYPES.....	---	69,784	---	69,784	---	---
9	81MM MORTAR, ALL TYPES.....	---	36,125	---	36,125	---	---
10	120MM MORTAR, ALL TYPES.....	---	69,133	---	69,133	---	---
TANK AMMUNITION							
11	CTG TANK 105MM AND 120MM: ALL TYPES.....	---	120,668	---	120,668	---	---
ARTILLERY AMMUNITION							
12	CTG. ARTY, 75MM AND 105MM: ALL TYPES.....	---	64,800	---	64,800	---	---
13	ARTILLERY PROJECTILE, 155MM, ALL TYPES.....	---	109,515	---	109,515	---	---
14	PROJ 155MM EXTENDED RANGE XM982.....	---	39,200	---	39,200	---	---
15	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES...	---	70,881	---	70,881	---	---
ROCKETS							
16	SHOULDER LAUNCHED MUNITIONS, ALL TYPES.....	---	38,000	---	38,000	---	---
17	ROCKET, HYDRA 70, ALL TYPES.....	---	87,213	---	87,213	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY AMOUNT	QTY AMOUNT	QTY AMOUNT
OTHER AMMUNITION			
18 CAD/PAD ALL TYPES.....	---	---	---
	4,914	4,914	---
19 DEMOLITION MUNITIONS, ALL TYPES.....	---	---	---
	6,380	6,380	---
20 GRENADES, ALL TYPES.....	---	---	---
	22,760	22,760	---
21 SIGNALS, ALL TYPES.....	---	---	---
	10,666	10,666	---
22 SIMULATORS, ALL TYPES.....	---	---	---
	7,412	7,412	---
MISCELLANEOUS			
23 AMMO COMPONENTS, ALL TYPES.....	---	---	---
	12,726	12,726	---
24 NON-LETHAL AMMUNITION, ALL TYPES.....	---	---	---
	6,100	6,100	---
25 ITEMS LESS THAN \$5 MILLION.....	---	---	---
	10,006	10,006	---
26 AMMUNITION PECULIAR EQUIPMENT.....	---	---	---
	17,275	17,275	---
27 FIRST DESTINATION TRANSPORTATION (AMMO).....	---	---	---
	14,951	14,951	---
TOTAL, AMMUNITION.....	1,129,859	1,129,859	---
AMMUNITION PRODUCTION BASE SUPPORT			
29 PRODUCTION BASE SUPPORT			
PROVISION OF INDUSTRIAL FACILITIES.....	---	---	---
	222,269	222,269	---
30 CONVENTIONAL MUNITIONS DEMILITARIZATION, ALL.....	---	---	---
	157,383	157,383	---
31 ARMS INITIATIVE.....	---	---	---
	3,646	3,646	---
TOTAL, AMMUNITION PRODUCTION BASE SUPPORT.....	383,298	383,298	---
TOTAL, PROCUREMENT OF AMMUNITION, ARMY.....	1,513,157	1,513,157	---

## AMMUNITION PRODUCTION BASE SUPPORT

The Army has reported that approximately \$200,000,000 per year is required to properly modernize and sustain the eight government-owned, contractor-operated Army Ammunition Plants (AAPs), many of which were built during World War II. The Committee notes that the fiscal year 2017 budget request actually exceeds this baseline investment, committing \$268,000,000 per year during the fiscal year 2017–2021 period. Despite this commitment, significant safety, environmental, and operational discrepancies exist among the four largest AAPs that will require investments far above what is programmed under the Army's modernization plan. The mismatch between documented need and allotted investment calls into question the adequacy of the Army's investment strategy and the analysis used to determine required funding. The Committee therefore directs the Secretary of the Army to reevaluate the AAP funding investment model and the underlying recapitalization assumptions in order to determine a more accurate steady-state funding baseline for the fiscal year 2018 budget request.

## OTHER PROCUREMENT, ARMY

Fiscal year 2016 appropriation .....	\$5,718,811,000
Fiscal year 2017 budget request .....	5,873,949,000
Committee recommendation .....	6,089,356,000
Change from budget request .....	+215,407,000

The Committee recommends an appropriation of \$6,089,356,000 for Other Procurement, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER PROCUREMENT, ARMY							
TACTICAL AND SUPPORT VEHICLES							
TACTICAL VEHICLES							
1	TACTICAL TRAILERS/DOLLY SETS.....	---	3,733	---	3,733	---	---
2	SEMITRAILERS, FLATBED:.....	---	3,716	---	3,716	---	---
4	GROUND MOBILITY VEHICLES (GMV).....	---	4,907	---	4,907	---	---
4	JOINT LIGHT TACTICAL VEHICLE.....	1,828	587,514	1,828	587,514	---	---
7	TRUCK, DUMP, 20t (CCE).....	---	3,927	---	3,927	---	---
3	FAMILY OF MEDIUM TACTICAL VEH (FMTV).....	8	53,293	8	53,293	---	---
6	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN.....	---	7,460	---	7,460	---	---
7	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV).....	430	39,564	430	33,594	---	-5,970
8	PLS ESP.....	---	11,856	---	11,856	---	---
10	TACTICAL WHEELED VEHICLE PROTECTION KITS.....	---	49,751	---	45,251	---	-4,500
11	MODIFICATION OF IN SVC EQUIP.....	---	64,000	---	64,000	---	---
12	MINE-RESISTANT AMBUSH-PROTECTED MODS.....	---	10,611	---	10,611	---	---
NON-TACTICAL VEHICLES							
13	HEAVY ARMORED SEDAN.....	---	394	---	394	---	---
15	NONTACTICAL VEHICLES, OTHER.....	---	1,755	---	1,755	---	---
TOTAL, TACTICAL AND SUPPORT VEHICLES.....			842,481	832,011			-10,470
COMMUNICATIONS AND ELECTRONICS EQUIPMENT							
COMM - JOINT COMMUNICATIONS							
16	WIN-T - GROUND FORCES TACTICAL NETWORK.....	---	427,598	---	541,599	---	+114,000
17	SIGNAL MODERNIZATION PROGRAM.....	---	58,250	---	58,250	---	---
18	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY.....	---	5,749	---	5,749	---	---
19	JCSE EQUIPMENT (USREDCOM).....	---	5,068	---	5,068	---	---
COMM - SATELLITE COMMUNICATIONS							
20	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS.....	---	143,805	---	143,805	---	---
21	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS.....	---	36,580	---	36,580	---	---
22	SHF TERM.....	---	1,985	---	1,985	---	---
24	SMART-T (SPACE).....	---	9,165	---	9,165	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
28	COMM - C3 SYSTEM ARMY GLOBAL CMD & CONTROL SYS (AGCCS).....	---	2,530	---	2,530	---	---
33	COMM - COMBAT COMMUNICATIONS HANDHELD MANPACK SMALL FORM FIT (HMS).....	5,856	273,645	5,856	273,645	---	---
30	MID-TIER NETWORKING VEHICULAR RADIO (MNVN).....	---	25,017	---	25,017	---	---
31	RADIO TERMINAL SET, MIDS LVT(2).....	---	12,328	---	12,328	---	---
33	TRACTOR DESK.....	---	2,034	---	2,034	---	---
30	TRACTOR RIDE.....	---	2,334	---	2,334	---	---
34	SPIDER APLA REMOTE CONTROL UNIT.....	---	1,985	---	1,985	---	---
35	SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE.....	---	10,798	---	10,798	---	---
37	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM.....	---	3,807	---	3,807	---	---
38	UNIFIED COMMAND SUITE.....	---	14,295	---	14,295	---	---
40	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE.....	---	19,893	---	19,893	---	---
42	COMM - INTELLIGENCE COMM CI AUTOMATION ARCHITECTURE (MIP).....	---	1,388	---	1,388	---	---
43	ARMY CA/MISO GPF EQUIPMENT.....	---	5,494	---	5,494	---	---
	INFORMATION SECURITY FAMILY OF BIOMETRICS.....	---	2,978	---	2,978	---	---
46	COMMUNICATIONS SECURITY (CONSEC).....	---	131,356	---	131,356	---	---
52	DEFENSIVE CYBER OPERATIONS.....	---	15,132	---	15,132	---	---
47	COMM - LONG HAUL COMMUNICATIONS BASE SUPPORT COMMUNICATIONS.....	---	27,452	---	32,862	---	+5,400
48	COMM - BASE COMMUNICATIONS INFORMATION SYSTEMS.....	---	122,055	---	122,065	---	---
50	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM.....	1	4,286	1	4,286	---	---
51	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM.....	---	131,794	---	126,794	---	-5,000
	ELECT EQUIP ELECT EQUIP - TACT INT REL ACT (TIARA)						
54	JTT/CIBS-M (MIP).....	---	5,337	---	5,337	---	---
57	DCGS-A (MIP).....	---	242,514	---	242,514	---	---
58	JOINT TACTICAL GROUND STATION (JTAGS).....	---	4,417	---	4,417	---	---
59	TROJAN (MIP).....	---	17,455	---	17,455	---	---
60	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP).....	---	44,965	---	44,965	---	---
61	CI HUMINT AUTO REPRTING AND COLL(CHARCS)(MIP).....	---	7,658	---	7,658	---	---
62	CLOSE ACCESS TARGET RECONNAISSANCE (CATR).....	---	7,970	---	7,970	---	---
63	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM.....	---	545	---	545	---	---



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY
ELECT EQUIP - ELECTRONIC WARFARE (EW)					
64 LIGHTWEIGHT COUNTER MORTAR RADAR.....	---	74,038	---	74,038	---
65 EW PLANNING AND MANAGEMENT TOOLS.....	---	3,235	---	3,235	---
66 AIR VIGILANCE (AV).....	---	733	---	733	---
68 FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES.....	---	1,740	---	1,740	---
69 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES.....	---	455	---	455	---
70 CI MODERNIZATION (HIP).....	---	176	---	176	---
ELECT EQUIP - TACTICAL SURV. (TAC SURV)					
71 SENTINEL MODS.....	---	40,171	---	40,171	---
72 NIGHT VISION DEVICES.....	---	163,029	---	163,029	---
74 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF.....	---	15,885	---	15,885	---
76 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS.....	---	48,427	---	48,427	---
77 FAMILY OF WEAPON SIGHTS (FWS).....	---	55,536	---	39,536	-16,000
78 ARTILLERY ACCURACY EQUIP.....	---	4,187	---	4,187	---
81 JOINT BATTLE COMMAND - PLATFORM (JBC-P).....	---	137,501	---	137,501	---
82 JOINT EFFECTS TARGETING SYSTEM (JETS).....	---	50,726	---	50,726	---
83 MOD OF IN-SERVICE EQUIPMENT (LLDR).....	---	28,058	---	28,058	---
84 COMPUTER BALLISTICS: LHMBC XM32.....	---	5,924	---	6,924	---
85 MORTAR FIRE CONTROL SYSTEM.....	---	22,331	---	22,331	---
86 COUNTERFIRE RADARS.....	---	314,509	---	314,509	---
ELECT EQUIP - TACTICAL C2 SYSTEMS					
87 FIRE SUPPORT C2 FAMILY.....	---	8,660	---	8,660	---
90 AIR & HSL DEFENSE PLANNING & CONTROL SYS (AND).....	---	54,376	---	54,376	---
91 IAMD BATTLE COMMAND SYSTEM.....	---	204,969	---	204,969	---
92 LIFE CYCLE SOFTWARE SUPPORT (LCSS).....	---	4,718	---	4,718	---
93 NETWORK MANAGEMENT INITIALIZATION AND SERVICE.....	---	11,063	---	11,063	---
94 MANEUVER CONTROL SYSTEM (MCS).....	---	151,318	---	151,318	---
95 GLOBAL COMBAT SUPPORT SYSTEM-ARMY.....	---	155,660	---	155,660	---
96 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY.....	---	4,214	---	4,214	---
98 RECONNAISSANCE AND SURVEYING INSTRUMENT SET.....	---	16,185	---	16,185	---
99 MOD OF IN-SERVICE EQUIPMENT (ENFIRE).....	---	1,565	---	1,565	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
ELECT EQUIP - AUTOMATION						
100 ARMY TRAINING MODERNIZATION.....	---	17,693	---	17,693	---	---
101 AUTOMATED DATA PROCESSING EQUIPMENT.....	---	107,960	---	107,960	---	---
102 GENERAL FUND ENTERPRISE BUSINESS SYSTEM.....	---	6,416	---	6,416	---	---
103 HIGH PERF COMPUTING MOD PROGRAM.....	---	58,614	---	58,614	---	---
105 CONTRACT WRITING SYSTEM.....	---	986	---	986	---	---
104 RESERVE COMPONENT AUTOMATION SYS (RCAS).....	---	23,828	---	23,828	---	---
ELECT EQUIP - AUDIO VISUAL SYS (A/V)						
107 TACTICAL DIGITAL MEDIA.....	---	1,191	---	1,191	---	---
106 ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT).....	---	1,895	---	1,895	---	---
ELECT EQUIP - SUPPORT						
107 PRODUCTION BASE SUPPORT (C-E).....	---	403	---	403	---	---
CLASSIFIED PROGRAMS.....	---	4,436	---	4,436	---	---
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....		3,632,369		3,730,769		+98,400
OTHER SUPPORT EQUIPMENT						
CHEMICAL DEFENSIVE EQUIPMENT						
109 PROTECTIVE SYSTEMS.....	---	2,966	---	2,966	---	---
110 FAMILY OF NON-LETHAL EQUIPMENT (FNLE).....	---	9,795	---	9,795	---	---
112 CORN SOLDIER PROTECTION.....	---	17,922	---	17,922	---	---
BRIDGING EQUIPMENT						
113 TACTICAL BRIDGING.....	---	13,553	---	13,553	---	---
114 TACTICAL BRIDGE, FLOAT-RIBBON.....	---	25,244	---	25,244	---	---
115 BRIDGE SUPPLEMENTAL SET.....	---	883	---	883	---	---
116 COMMON BRIDGE TRANSPORTER RECAP.....	---	25,176	---	25,176	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
ENGINEER (NON-CONSTRUCTION) EQUIPMENT						
117 GROUND STANDOFF MINE DETECTION SYSTEM (GSTAMIOS).....	---	39,350	---	39,350	---	---
120 AREA MINE DETECTION SYSTEM (AMIOS).....	---	10,500	---	10,500	---	---
118 HUSKY MOUNTED DETECTION SYSTEM (HMDS).....	---	274	---	274	---	---
119 ROBOTIC COMBAT SUPPORT SYSTEM.....	---	2,951	---	2,951	---	---
120 EOD ROBOTICS SYSTEMS RECAPITALIZATION.....	---	1,949	---	1,949	---	---
124 ROBOTICS AND APPLIQUE SYSTEMS.....	---	5,203	---	5,203	---	---
121 EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT).....	---	5,570	---	5,570	---	---
122 REMOTE DEMOLITION SYSTEMS.....	---	6,238	---	6,238	---	---
123 ITEMS LESS THAN \$6M, COUNTERMINE EQUIPMENT.....	---	836	---	836	---	---
124 FAMILY OF BOATS AND MOTORS.....	---	3,171	---	3,171	---	---
COMBAT SERVICE SUPPORT EQUIPMENT						
125 HEATERS AND ECU'S.....	---	18,707	---	12,207	---	-6,500
127 SOLDIER ENHANCEMENT.....	---	2,112	---	2,112	---	---
128 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS).....	---	10,866	---	10,866	---	---
129 GROUND SOLDIER SYSTEM.....	---	32,419	---	32,419	---	---
130 MOBILE SOLDIER POWER.....	---	30,014	---	20,014	---	-10,000
132 FIELD FEEDING EQUIPMENT.....	---	12,544	---	12,544	---	---
133 CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM.....	---	18,509	---	18,509	---	---
135 FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS.....	---	29,384	---	29,384	---	---
PETROLEUM EQUIPMENT						
137 QUALITY SURVEILLANCE EQUIPMENT.....	---	4,487	---	3,407	---	-1,080
138 DISTRIBUTION SYSTEMS, PETROLEUM & WATER.....	---	42,656	---	40,213	---	-2,443
MEDICAL EQUIPMENT						
139 COMBAT SUPPORT MEDICAL.....	---	59,761	---	69,761	---	+10,000
MAINTENANCE EQUIPMENT						
140 MOBILE MAINTENANCE EQUIPMENT SYSTEMS.....	---	35,694	---	35,694	---	---
141 ITEMS LESS THAN \$5.0M (MAINT EQ).....	---	2,716	---	2,716	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
CONSTRUCTION EQUIPMENT						
142 GRADER, ROAD MTZD, HWY, 6X4 (CCE).....	---	1,742	---	1,742	---	---
143 SCRAPERS, EARTHMOVING.....	---	26,233	---	41,233	---	+15,000
145 HYDRAULIC EXCAVATOR.....	---	1,123	---	1,123	---	---
147 ALL TERRAIN CRANES.....	---	65,265	---	65,265	---	---
149 HIGH MOBILITY ENGINEER EXCAVATOR (HME) FOS.....	---	1,743	---	16,743	---	+15,000
150 ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP.....	---	2,779	---	2,779	---	---
152 CONST EQUIP ESP.....	---	26,712	---	26,712	---	---
153 ITEMS LESS THAN \$5.0M (CONST EQUIP).....	---	6,649	---	6,649	---	---
RAIL FLOAT CONTAINERIZATION EQUIPMENT						
154 ARMY WATERCRAFT ESP.....	---	21,860	---	21,860	---	---
155 ITEMS LESS THAN \$5.0M (FLOAT/RAIL).....	---	1,957	---	1,957	---	---
GENERATORS						
156 GENERATORS AND ASSOCIATED EQUIPMENT.....	---	113,266	---	113,266	---	---
MATERIAL HANDLING EQUIPMENT						
157 TACTICAL ELECTRIC POWER RECAPITALIZATION.....	---	7,867	---	7,867	---	---
159 FAMILY OF FORKLIFTS.....	---	2,307	---	2,307	---	---
TRAINING EQUIPMENT						
160 COMBAT TRAINING CENTERS SUPPORT.....	---	75,359	---	75,359	---	---
161 TRAINING DEVICES, NONSYSTEM.....	---	253,050	---	253,050	---	---
162 CLOSE COMBAT TACTICAL TRAINER.....	---	48,271	---	48,271	---	---
163 AVIATION COMBINED ARMS TACTICAL TRAINER (AVCA).....	---	40,000	---	40,000	---	---
164 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING.....	---	11,543	---	11,543	---	---
TEST MEASURE AND DIG EQUIPMENT (TMD)						
165 CALIBRATION SETS EQUIPMENT.....	---	4,953	---	4,953	---	---
166 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE).....	---	29,781	---	29,781	---	---
167 TEST EQUIPMENT MODERNIZATION (TEMOD).....	---	6,342	---	6,342	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER SUPPORT EQUIPMENT						
168 M2S STABILIZED BINOCULAR.....	---	3,149	---	3,149	---	---
169 RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT.....	---	18,003	---	18,003	---	---
170 PHYSICAL SECURITY SYSTEMS (OPA3).....	---	44,082	---	44,082	---	---
171 BASE LEVEL COM'L EQUIPMENT.....	---	2,168	---	2,168	---	---
172 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3).....	---	67,367	---	74,867	---	+7,500
173 PRODUCTION BASE SUPPORT (OTH).....	---	1,528	---	1,528	---	---
174 SPECIAL EQUIPMENT FOR USER TESTING.....	---	8,289	---	8,289	---	---
176 TRACTOR YARD.....	---	6,888	---	6,888	---	---
TOTAL, OTHER SUPPORT EQUIPMENT.....		1,371,856		1,398,330		+27,477
SPARE AND REPAIR PARTS						
177 INITIAL SPARES - C&E.....	---	27,243	---	27,243	---	---
178 ARMY NATIONAL GUARD HMMV MODERNIZATION PROGRAM.....	---	---	---	100,000	---	+100,000
TOTAL, OTHER PROCUREMENT, ARMY.....		5,873,949		6,089,356		+215,407

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
7 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) Unit cost growth	39,564	33,594 -5,970	-5,970
10 TACTICAL WHEELED VEHICLE PROTECTION KITS Unit cost growth	49,751	45,251 -4,500	-4,500
16 WIN-T - GROUND FORCES TACTICAL NETWORK Program increase	427,598	541,598 114,000	114,000
47 BASE SUPPORT COMMUNICATIONS Program increase - USAEUR land mobile radio upgrade	27,452	32,852 5,400	5,400
51 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM Excess government management cost growth	131,794	126,794 -5,000	-5,000
77 FAMILY OF WEAPON SIGHTS (FWS) Underexecution	55,536	39,536 -16,000	-16,000
125 HEATERS AND ECUS Underexecution	18,707	12,207 -6,500	-6,500
130 MOBILE SOLDIER POWER Underexecution	30,014	20,014 -10,000	-10,000
137 QUALITY SURVEILLANCE EQUIPMENT Unit cost growth	4,487	3,407 -1,080	-1,080
138 DISTRIBUTION SYSTEMS, PETROLEUM & WATER Unit cost growth	42,656	40,213 -2,443	-2,443
139 COMBAT SUPPORT MEDICAL Program increase	59,761	69,761 10,000	10,000
143 SCRAPERS, EARTHMOVING Program increase - heavy scrapers only for the Army Reserve	26,233	41,233 15,000	15,000
149 HIGH MOBILITY ENGINEER EXCAVATOR (HME) FOS Program increase	1,743	16,743 15,000	15,000
172 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) Program increase - laser leveling systems	67,367	74,867 7,500	7,500
178 ARMY NATIONAL GUARD HMMWV MODERNIZATION PROGRAM Program Increase	0	100,000 100,000	100,000

## COMBAT SUPPORT HOSPITAL INFRASTRUCTURE

The Committee supports the continued deployment and modernization of the Army's combat support hospital and recognizes the important goal of transitioning dated legacy systems to rapidly erectable hospital infrastructure. Improving and correcting safety and performance issues in the combat support hospital legacy systems should take a high priority in the equipment purchases of the Army Medical Department. The Committee urges the Secretary of the Army to make modernization and upgrade of combat support hospital deployable infrastructure a priority, with continued focus on improving the safety of legacy systems while upgrading their performance.

## TACTICAL AUDITORY PROTECTION SYSTEMS

The Committee recognizes the importance of providing soldiers with equipment that concurrently protects their hearing and improves their auditory situational awareness, making them more effective in combat while reducing the incidence of noise-induced hearing loss. In light of the high level of funding spent annually for veterans' hearing aids and hearing disability compensation, the Committee views this investment as prudent, and encourages the Secretary of the Army to continue funding tactical auditory protection systems at previously projected rates.

## AIRCRAFT PROCUREMENT, NAVY

Fiscal year 2016 appropriation .....	\$17,521,209,000
Fiscal year 2017 budget request .....	14,109,148,000
Committee recommendation .....	15,900,093,000
Change from budget request .....	+1,790,945,000

The Committee recommends an appropriation of \$15,900,093,000 for Aircraft Procurement, Navy which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
		QTY	AMOUNT	QTY	AMOUNT	QTY
AIRCRAFT PROCUREMENT, NAVY						
COMBAT AIRCRAFT						
2	F/A-18E/F (FIGHTER) HORNET (HYP).....	---	---	14	1,200,000	+14 +1,200,000
3	JOINT STRIKE FIGHTER .....	4	890,650	8	1,367,650	+4 +477,000
4	JOINT STRIKE FIGHTER (AP-CY).....	---	80,908	---	80,908	---
5	JSF STOVL.....	16	2,037,768	18	2,196,968	+2 +159,200
6	JSF STOVL (AP-CY).....	---	233,648	---	233,648	---
7	CH-53K (HEAVY LIFT) .....	---	348,615	---	348,615	---
8	CH-53K (HEAVY LIFT) (AP-CY).....	---	88,365	---	84,169	---
9	V-22 (MEDIUM LIFT).....	16	1,264,134	18	1,376,929	+2 +112,795
10	V-22 (MEDIUM LIFT) (AP-CY).....	---	19,674	---	19,674	---
11	UH-1Y/AH-1Z.....	24	759,778	26	805,682	+2 +45,904
12	UH-1Y/AH-1Z (AP-CY).....	---	57,232	---	49,208	---
14	MH-60R.....	---	61,177	---	61,177	---
16	P-8A POSEIDON.....	11	1,940,238	11	1,821,245	---
17	P-8A POSEIDON (AP-CY).....	---	123,140	---	102,259	---
18	E-2D ADV HAWKEYE.....	6	916,483	6	916,483	---
19	E-2D ADV HAWKEYE (AP-CY).....	---	125,042	---	80,042	---
TOTAL, COMBAT AIRCRAFT.....			8,940,652		10,744,657	+1,797,605
TRAINER AIRCRAFT						
20	JPATS.....	---	5,649	---	5,649	---
TOTAL, TRAINER AIRCRAFT.....			5,649		5,649	---



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER AIRCRAFT						
21 KC-130J.....	2	125,870	2	118,882	---	-9,988
22 KC-130J (AP-CY).....	---	24,848	---	24,848	---	---
23 HQ-4 TRITON.....	2	409,005	3	444,242	+1	+35,237
24 HQ-4 TRITON (AP-CY).....	---	55,652	---	74,852	---	+19,000
25 HQ-8 UAV.....	1	72,435	5	90,345	+4	+17,910
TOTAL, OTHER AIRCRAFT.....		690,810		752,969		+62,159
MODIFICATION OF AIRCRAFT						
29 AEA SYSTEMS.....	---	51,900	---	50,457	---	-1,443
30 AV-8 SERIES.....	---	80,818	---	64,895	---	-15,923
31 ADVERSARY.....	---	5,191	---	3,009	---	-2,182
32 F-18 SERIES.....	---	1,023,492	---	973,974	---	-49,518
34 H-53 SERIES.....	---	46,095	---	48,895	---	+2,800
35 SH-60 SERIES.....	---	108,328	---	106,508	---	-1,822
36 H-1 SERIES.....	---	46,333	---	69,733	---	+23,400
37 EP-3 SERIES.....	---	14,681	---	14,681	---	---
38 P-3 SERIES.....	---	2,781	---	2,781	---	---
39 E-2 SERIES.....	---	32,949	---	30,949	---	-2,000
40 TRAINER A/C SERIES.....	---	13,199	---	11,328	---	-1,871
41 C-2A.....	---	19,066	---	19,066	---	---
42 C-130 SERIES.....	---	61,788	---	49,515	---	-12,273
43 F4U.....	---	618	---	618	---	---
44 CARGO/TRANSPORT A/C SERIES.....	---	9,822	---	9,822	---	---
45 E-6 SERIES.....	---	222,077	---	208,544	---	-13,533
46 EXECUTIVE HELICOPTERS SERIES.....	---	66,835	---	63,754	---	-3,081

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
47 SPECIAL PROJECT AIRCRAFT.....	---	16,497	---	16,497	---	---
48 T-45 SERIES.....	---	114,887	---	105,267	---	-9,620
49 POWER PLANT CHANGES.....	---	16,893	---	14,893	---	-2,000
50 JPATS SERIES.....	---	17,401	---	13,414	---	-3,987
51 COMMON ECM EQUIPMENT.....	---	143,773	---	132,063	---	-11,710
52 COMMON AVIONICS CHANGES.....	---	164,839	---	138,369	---	-26,470
53 COMMON DEFENSIVE WEAPON SYSTEM.....	---	4,403	---	4,403	---	---
54 ID SYSTEMS.....	---	45,760	---	42,270	---	-3,498
55 P-8 SERIES.....	---	18,836	---	18,836	---	---
56 MAGTF EW FOR AVIATION.....	---	5,676	---	4,244	---	-1,432
57 MQ-8 SERIES.....	---	19,003	---	19,003	---	---
58 MQ-7 SERIES.....	---	3,534	---	3,534	---	---
59 V-22 (TILT/ROTOR ACFT) OSPREY.....	---	141,545	---	141,545	---	---
60 F-35 STOVL SERIES.....	---	34,928	---	31,436	---	-3,492
61 F-35 CV SERIES.....	---	26,004	---	21,833	---	-4,171
62 QUICK REACTION CAPABILITY (QRC).....	---	5,476	---	5,476	---	---
TOTAL, MODIFICATION OF AIRCRAFT.....		2,555,436		2,431,610		-133,826
AIRCRAFT SPARES AND REPAIR PARTS						
63 SPARES AND REPAIR PARTS.....	---	1,407,626	---	1,502,551	---	+94,925
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
64 COMMON GROUND EQUIPMENT.....	---	390,103	---	363,858	---	-26,245
65 AIRCRAFT INDUSTRIAL FACILITIES.....	---	23,194	---	23,194	---	---
66 WAR CONSUMABLES.....	---	40,613	---	36,740	---	-3,873
67 OTHER PRODUCTION CHARGES.....	---	860	---	860	---	---
68 SPECIAL SUPPORT EQUIPMENT.....	---	36,282	---	36,282	---	---
69 FIRST DESTINATION TRANSPORTATION.....	---	1,523	---	1,523	---	---
TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES.....		492,575		462,457		-30,118
TOTAL, AIRCRAFT PROCUREMENT, NAVY.....		14,109,148		15,800,093		+1,790,945
		*****		*****		*****

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

P-1	Budget Request	Committee Recommended	Change from Request
2 F/A-18E/F (FIGHTER) HORNET (MYP) Program increase - 14 additional aircraft	0	1,200,000 1,200,000	1,200,000
3 JOINT STRIKE FIGHTER Contract award savings Program increase - four additional aircraft	890,650	1,367,660 -23,000 500,000	477,000
5 JSF STOVL Contract award savings Program Increase - two additional aircraft	2,037,768	2,196,868 -95,000 254,200	159,200
8 CH-53K (HEAVY LIFT) (AP-CY) Excess to need	88,365	84,169 -4,196	-4,196
9 V-22 (MEDIUM LIFT) Unit cost growth ECO and NRE previously funded Support cost growth Program increase - two additional aircraft	1,264,134	1,376,929 -10,192 -8,432 -15,081 146,500	112,795
11 UH-1Y/AH-1Z Airframe unit cost growth Training equipment cost growth Production engineering support excess growth Other ILS excess growth Program increase - two additional aircraft	759,778	805,682 -3,192 -2,406 -6,178 -6,320 84,000	45,904
12 UH-1Y/AH-1Z (AP-CY) Funding carryover from reduction in aircraft	57,232	49,208 -8,024	-8,024
16 P-8A POSEIDON Airframe unit cost growth CFE electronics cost growth GFE electronics cost growth Ancillary equipment excess growth NRE excess growth	1,940,238	1,821,245 -77,230 -11,802 -3,543 -15,785 -10,833	-118,993
17 P-8A POSEIDON (AP-CY) Funding carryover from reduction in aircraft	123,140	102,259 -20,881	-20,881
19 E-2D ADV HAWKEYE (AP-CY) Excess to need	125,042	80,042 -45,000	-45,000
21 KC-130J Contract savings carryover	128,870	118,882 -9,988	-9,988
23 MQ-4 TRITON Unit cost savings Unit cost growth Production engineering support excess growth Program increase - one additional system	409,005	444,242 -12,880 -32,750 -14,133 95,000	35,237
24 MQ-4 TRITON (AP-CY) Program Increase	55,652	74,652 19,000	19,000

P-1	Budget Request	Committee Recommended	Change from Request
<b>25 MQ-8 UAV</b>	<b>72,435</b>	<b>90,345</b>	<b>17,910</b>
Unit cost savings		-29,690	
Program increase - four additional aircraft		47,600	
<b>29 AEA SYSTEMS</b>	<b>51,900</b>	<b>50,457</b>	<b>-1,443</b>
Other support growth (OSIP 007-11)		-1,033	
Hardback cost growth (OSIP 007-11)		-410	
<b>30 AV-8 SERIES</b>	<b>60,818</b>	<b>54,895</b>	<b>-5,923</b>
Installation kit cost growth (OSIP 006-06)		-1,500	
Excess installation (OSIP 006-06)		-4,423	
<b>31 ADVERSARY</b>	<b>5,191</b>	<b>3,009</b>	<b>-2,182</b>
Excess installation (OSIP 009-13)		-2,182	
<b>32 F-18 SERIES</b>	<b>1,023,492</b>	<b>973,974</b>	<b>-49,518</b>
Prior year carryover (OSIP 10-99)		-3,470	
Excess installation (OSIP 11-99)		-15,291	
Excess installation (OSIP 21-00)		-1,680	
Excess installation (OSIP 14-03)		-4,700	
Installation kit non-recurring cost growth (OSIP 23-04)		-8,083	
Support carryover (OSIP 001-10)		-2,555	
Support carryover (OSIP 04-14)		-8,179	
Installation kit non-recurring cost growth (OSIP 020-14)		-5,560	
<b>34 H-53 SERIES</b>	<b>45,095</b>	<b>48,895</b>	<b>2,800</b>
Program increase - CH-53 readiness		2,800	
<b>35 SH-60 SERIES</b>	<b>105,328</b>	<b>106,506</b>	<b>-1,822</b>
Installations kit non-recurring cost growth (OSIP 018-12)		-1,822	
<b>36 H-1 SERIES</b>	<b>46,333</b>	<b>69,733</b>	<b>23,400</b>
Program increase - H-1 readiness		23,400	
<b>39 E-2 SERIES</b>	<b>32,949</b>	<b>30,949</b>	<b>-2,000</b>
Excess support growth (OSIP 009-16)		-2,000	
<b>40 TRAINER A/C SERIES</b>	<b>13,199</b>	<b>11,328</b>	<b>-1,871</b>
Installation kit carryover (OSIP 005-04)		-1,871	
<b>42 C-130 SERIES</b>	<b>61,785</b>	<b>49,515</b>	<b>-12,273</b>
Training equipment unjustified growth (OSIP 022-07)		-7,293	
Installation kit non-recurring carryover (OSIP 008-12)		-4,980	
<b>45 E-6 SERIES</b>	<b>222,077</b>	<b>208,544</b>	<b>-13,533</b>
Installation kit non-recurring growth (OSIP 003-04)		-3,000	
Excess support growth (OSIP 003-04)		-5,309	
Installation kit non-recurring growth (OSIP 012-07)		-3,000	
Training growth (OSIP 008-10)		-424	
APU kit cost growth (OSIP 002-12)		-1,800	
<b>46 EXECUTIVE HELICOPTERS SERIES</b>	<b>66,835</b>	<b>63,754</b>	<b>-3,081</b>
Excess support growth (OSIP 014-02)		-3,081	
<b>48 T-45 SERIES</b>	<b>114,887</b>	<b>105,267</b>	<b>-9,620</b>
Main landing gear kit previously funded (OSIP 008-95)		-169	
Installation previously funded (OSIP 008-95)		-2,858	
Installation kits previously funded (OSIP 003-03)		-2,802	
Support carryover (OSIP 006-16)		-3,991	

P-1	Budget Request	Committee Recommended	Change from Request
<b>49 POWER PLANT CHANGES</b>	<b>16,893</b>	<b>14,893</b>	<b>-2,000</b>
Excess support growth		-2,000	
<b>50 JPATS SERIES</b>	<b>17,401</b>	<b>13,414</b>	<b>-3,987</b>
Aircraft retrofit kits previously funded (OSIP 007-16)		-3,050	
Installation cost growth (OSIP 007-16)		-937	
<b>51 COMMON ECM EQUIPMENT</b>	<b>143,773</b>	<b>132,063</b>	<b>-11,710</b>
ALQ-214 kit cost growth (OSIP 004-12)		-11,710	
<b>52 COMMON AVIONICS CHANGES</b>	<b>164,839</b>	<b>138,369</b>	<b>-26,470</b>
CNS/ATM A kit cost growth (OSIP 21-01)		-6,870	
CNS/ATM installation equipment cost growth (OSIP 21-01)		-19,800	
<b>54 ID SYSTEMS</b>	<b>45,768</b>	<b>42,270</b>	<b>-3,498</b>
Installation kit cost growth (OSIP 15-03)		-3,498	
<b>56 MAGTF EW FOR AVIATION</b>	<b>5,676</b>	<b>4,244</b>	<b>-1,432</b>
ALQ-23(V)3 installation kits previously funded (OSIP 010-13)		-1,432	
<b>60 F-35 STOVL SERIES</b>	<b>34,928</b>	<b>31,436</b>	<b>-3,492</b>
Support carryover (OSIP 023-14)		-3,492	
<b>61 F-35 CV SERIES</b>	<b>26,004</b>	<b>21,833</b>	<b>-4,171</b>
Support carryover (OSIP 018-14)		-1,050	
Support carryover (OSIP 024-14)		-3,121	
<b>63 SPARES AND REPAIR PARTS</b>	<b>1,407,626</b>	<b>1,502,551</b>	<b>94,925</b>
CH-53K spares early to need		0	
P-8A Poseidon spares excess growth		-21,500	
MQ-4 Triton spares excess to need		-10,575	
Program increase - F-35B spares for readiness		91,000	
Program increase - KC-130J spares for readiness		36,000	
<b>64 COMMON GROUND EQUIPMENT</b>	<b>390,103</b>	<b>363,858</b>	<b>-26,245</b>
S/W loader next generation unit cost growth		-745	
Platform support - air conditioner ship shore unit cost growth		-2,345	
USMC F/A-18 TOFT upgrades previously funded		-12,722	
USMC Fed Sim AV-8B previously funded		-4,612	
H-60S technology refresh upgrades contract delay		-5,821	
<b>65 WAR CONSUMABLES</b>	<b>40,613</b>	<b>38,740</b>	<b>-3,873</b>
BRU-68 unit cost growth		-3,873	

## WEAPONS PROCUREMENT, NAVY

Fiscal year 2016 appropriation .....	\$3,049,542,000
Fiscal year 2017 budget request .....	3,209,262,000
Committee recommendation .....	3,102,544,000
Change from budget request .....	-106,718,000

The Committee recommends an appropriation of \$3,102,544,000 for Weapons Procurement, Navy which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
WEAPONS PROCUREMENT, NAVY							
BALLISTIC MISSILES							
MODIFICATION OF MISSILES							
1	TRIDENT II MODS.....	---	1,103,086	---	1,094,738	---	-8,350
SUPPORT EQUIPMENT AND FACILITIES							
2	MISSILE INDUSTRIAL FACILITIES.....	---	6,776	---	6,776	---	---
TOTAL, BALLISTIC MISSILES.....			1,109,862		1,101,512		-8,350
OTHER MISSILES							
STRATEGIC MISSILES							
3	TOUHAWK.....	100	186,905	100	146,274	---	-40,631
TACTICAL MISSILES							
4	AMRAAM.....	163	204,697	163	195,447	---	-9,250
5	SIDEWINDER.....	152	70,912	152	70,912	---	---
6	JSOW.....	---	2,232	---	2,232	---	---
7	STANDARD MISSILE.....	125	501,212	125	497,958	---	-3,244
8	RAM.....	90	71,557	90	71,557	---	---
9	JOINT AIR GROUND MISSILE (JAGM).....	96	26,200	96	21,688	---	-4,512
12	STAND OFF PRECISION GUIDED MUNITION.....	24	3,316	24	3,316	---	---
13	AERIAL TARGETS.....	---	137,484	---	136,684	---	-800
14	OTHER MISSILE SUPPORT.....	---	3,248	---	3,248	---	---
15	LRASM.....	10	28,643	10	28,643	---	---
MODIFICATION OF MISSILES							
16	ESSM.....	75	52,935	75	43,473	---	-9,462
18	HARM MODS.....	---	178,213	---	176,252	---	-1,961
19	STANDARD MISSILES MODS.....	---	8,164	---	8,164	---	---
SUPPORT EQUIPMENT AND FACILITIES							
20	WEAPONS INDUSTRIAL FACILITIES.....	---	1,964	---	1,964	---	---
21	FLEET SATELLITE COMM FOLLOW-ON.....	---	36,723	---	29,850	---	-6,873
ORDNANCE SUPPORT EQUIPMENT							
22	ORDNANCE SUPPORT EQUIPMENT.....	---	59,096	---	59,096	---	---
TOTAL, OTHER MISSILES.....			1,574,501		1,488,768		-85,733

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
TORPEDOES AND RELATED EQUIPMENT						
23	TORPEDOES AND RELATED EQUIP					
	SSTD.....	---	5,910	---	5,910	---
24	MK-48 TORPEDO.....	11	44,537	11	40,935	-3,602
25	ASM TARGETS.....	---	9,302	---	9,106	-196
26	MK-54 TORPEDO MODS.....	---	98,082	---	96,292	-1,800
27	MOD OF TORPEDOES AND RELATED EQUIP					
	MK-48 TORPEDO ADCAP MODS.....	---	48,139	---	43,675	-2,464
28	QUICKSTRIKE MINE.....	---	1,236	---	1,236	---
SUPPORT EQUIPMENT						
29	TORPEDO SUPPORT EQUIPMENT.....	---	60,061	---	54,971	-5,090
30	ASM RANGE SUPPORT.....	---	3,706	---	3,706	---
DESTINATION TRANSPORTATION						
31	FIRST DESTINATION TRANSPORTATION.....	---	3,804	---	3,804	---
	TOTAL, TORPEDOES AND RELATED EQUIPMENT.....		272,787		259,635	-13,152
OTHER WEAPONS						
GUNS AND GUN MOUNTS						
32	SMALL ARMS AND WEAPONS.....	---	18,002	---	18,002	---
MODIFICATION OF GUNS AND GUN MOUNTS						
33	CINS MODS.....	---	50,900	---	50,900	---
34	COAST GUARD WEAPONS.....	---	25,295	---	25,295	---
35	GUN MOUNT MODS.....	---	77,003	---	75,867	-1,136
36	LCS MODULE WEAPONS.....	24	2,776	24	2,776	---
38	AIRBORNE MINE NEUTRALIZATION SYSTEMS.....	---	15,753	---	7,406	-8,347
	TOTAL, OTHER WEAPONS.....		189,729		180,246	-9,483
40	SPARES AND REPAIR PARTS.....	---	62,383	---	62,383	---
	TOTAL, WEAPONS PROCUREMENT, NAVY.....		3,209,262		3,102,544	-106,718



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

P-1	Budget Request	Committee Recommended	Change from Request
<b>1 TRIDENT II MODS</b>	<b>1,103,086</b>	<b>1,094,736</b>	<b>-8,350</b>
Fuze sustainment excess growth		-4,350	
Guidance production support excess growth		-4,000	
<b>3 TOMAHAWK</b>	<b>186,905</b>	<b>146,274</b>	<b>-40,631</b>
Tomahawk unit cost growth		-38,000	
MK 14 canister unit cost growth		-2,631	
<b>4 AMRAAM</b>	<b>204,697</b>	<b>196,447</b>	<b>-8,250</b>
Unit cost growth		-7,250	
ECO excess growth		-1,000	
<b>7 STANDARD MISSILE</b>	<b>501,212</b>	<b>497,968</b>	<b>-3,244</b>
Diminishing manufacturing sources excess growth		-3,244	
<b>9 JOINT AIR GROUND MISSILE (JAGM)</b>	<b>26,200</b>	<b>21,688</b>	<b>-4,512</b>
Unit cost savings		-4,512	
<b>13 AERIAL TARGETS</b>	<b>137,484</b>	<b>136,684</b>	<b>-800</b>
Other targets cost savings		-500	
Excess support growth		-300	
<b>16 ESSM</b>	<b>52,935</b>	<b>43,473</b>	<b>-9,462</b>
MK-41 all up round unit cost growth		-7,344	
Diminishing manufacturing sources excess growth		-2,118	
<b>18 HARM MODS</b>	<b>178,213</b>	<b>176,252</b>	<b>-1,961</b>
Training equipment prior year carryover		-1,961	
<b>21 FLEET SATELLITE COMM FOLLOW-ON</b>	<b>36,723</b>	<b>29,850</b>	<b>-6,873</b>
Ground system updates excess growth		-6,873	
<b>24 MK-48 TORPEDO</b>	<b>44,537</b>	<b>40,935</b>	<b>-3,602</b>
Guidance and control section unit cost growth		-506	
Production engineering excess growth		-2,000	
Quality assurance previously funded		-1,096	
<b>25 ASW TARGETS</b>	<b>9,302</b>	<b>9,106</b>	<b>-196</b>
MK-39 targets unit cost growth		-196	
<b>26 MK-54 TORPEDO MODS</b>	<b>98,092</b>	<b>96,292</b>	<b>-1,800</b>
Diminishing manufacturing sources excess growth		-1,800	
<b>27 MK-48 TORPEDO ADCAP MODS</b>	<b>46,139</b>	<b>43,675</b>	<b>-2,464</b>
Production engineering excess growth		-2,464	
<b>29 TORPEDO SUPPORT EQUIPMENT</b>	<b>60,081</b>	<b>54,971</b>	<b>-5,090</b>
VLA kits excess growth		-3,000	
F8100 contract delays		-2,090	
<b>35 GUN MOUNT MODS</b>	<b>77,003</b>	<b>75,867</b>	<b>-1,136</b>
Minor caliber gun kits excess installation		-1,136	
<b>38 AIRBORNE MINE NEUTRALIZATION SYSTEMS</b>	<b>15,763</b>	<b>7,406</b>	<b>-8,347</b>
Archerfish unit cost growth		-296	
Seafox contract delay		-8,051	

# **PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS**

Fiscal year 2016 appropriation .....	\$651,920,000
Fiscal year 2017 budget request .....	664,368,000
Committee recommendation .....	601,563,000
Change from budget request .....	- 62,805,000

The Committee recommends an appropriation of \$601,563,000 for Procurement of Ammunition, Navy and Marine Corps which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT OF AMMO, NAVY & MARINE CORPS						
PROC AMMO, NAVY						
NAVY AMMUNITION						
1	GENERAL PURPOSE BOMBS.....	---	91,659	---	85,869	---
						-5,790
2	AIRBORNE ROCKETS, ALL TYPES.....	---	65,759	---	60,037	---
						-5,722
3	MACHINE GUN AMMUNITION.....	---	8,152	---	8,152	---
						---
4	PRACTICE BOMBS.....	---	41,873	---	41,873	---
						---
5	CARTRIDGES & CART ACTUATED DEVICES.....	---	54,002	---	48,635	---
						-5,367
6	AIR EXPENDABLE COUNTERMEASURES.....	---	57,034	---	58,609	---
						-425
7	JATOS.....	---	2,735	---	2,735	---
						---
9	5 INCH/54 GUN AMMUNITION.....	---	19,220	---	15,845	---
						-3,375
10	INTERMEDIATE CALIBER GUN AMMUNITION.....	---	30,196	---	25,937	---
						-4,259
11	OTHER SHIP GUN AMMUNITION.....	---	39,009	---	28,722	---
						-10,287
12	SMALL ARMS & LANDING PARTY AMMO.....	---	46,727	---	46,727	---
						---
13	PYROTECHNIC AND DEMOLITION.....	---	9,806	---	9,806	---
						---
14	AMMUNITION LESS THAN \$5 MILLION.....	---	2,900	---	2,900	---
						---
TOTAL, PROC AMMO, NAVY.....			469,072		433,847	
						-35,225
PROC AMMO, MARINE CORPS						
MARINE CORPS AMMUNITION						
15	SMALL ARMS AMMUNITION.....	---	27,958	---	27,022	---
						-936
17	40 MM, ALL TYPES.....	---	14,758	---	13,188	---
						-1,570
18	60MM, ALL TYPES.....	---	992	---	992	---
						---
20	120MM, ALL TYPES.....	---	16,757	---	10,427	---
						-6,330
21	GRENADES, ALL TYPES.....	---	972	---	---	---
						-972
22	ROCKETS, ALL TYPES.....	---	14,186	---	10,639	---
						-3,547
23	ARTILLERY, ALL TYPES.....	---	68,656	---	61,143	---
						-7,513
24	DEMOLITION MUNITIONS, ALL TYPES.....	---	1,700	---	1,700	---
						---
25	FUZE, ALL TYPES.....	---	26,088	---	20,640	---
						-5,448
27	AMMO MODERNIZATION.....	---	14,660	---	13,396	---
						-1,264
28	ITEMS LESS THAN \$5 MILLION.....	---	8,569	---	8,569	---
						---
TOTAL, PROC AMMO, MARINE CORPS.....			195,296		167,716	
						-27,580
TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS.....			664,368		601,563	
						-62,805

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
<b>1 GENERAL PURPOSE BOMBS</b>	<b>91,659</b>	<b>85,869</b>	<b>-5,790</b>
DAMTC unit cost growth		.552	
Excess sub-component funding		-1,300	
BLU-109 laser NRE		-2,721	
FMU-139 electrical fuze unit cost growth		-1,217	
<b>2 AIRBORNE ROCKETS, ALL TYPES</b>	<b>65,759</b>	<b>60,037</b>	<b>-5,722</b>
MK-66 rocket motor unit cost growth		-3,344	
APIQWS product improvement and production engineering support growth		-2,378	
<b>5 CARTRIDGES &amp; CART ACTUATED DEVICES</b>	<b>54,002</b>	<b>48,635</b>	<b>-5,367</b>
CCU-107 impulse CTG previously funded		-295	
MK-122 rockets unit cost growth		-367	
MK-123 and MK124 underseat rocket motors contract delays		-615	
Miscellaneous devices program growth		-4,060	
<b>6 AIR EXPENDABLE COUNTERMEASURES</b>	<b>57,034</b>	<b>56,609</b>	<b>-425</b>
ALE-55 unit cost growth		-425	
<b>9 5 INCH/84 GUN AMMUNITION</b>	<b>19,220</b>	<b>15,845</b>	<b>-3,375</b>
Renovation components previously funded		-3,375	
<b>10 INTERMEDIATE CALIBER GUN AMMUNITION</b>	<b>30,196</b>	<b>25,937</b>	<b>-4,259</b>
57MM MK 296 contract delay		-4,259	
<b>11 OTHER SHIP GUN AMMUNITION</b>	<b>39,009</b>	<b>28,722</b>	<b>-10,287</b>
30MM APFSDS-T contract delay		-5,415	
20MM MK-244 contract delay		-4,872	
<b>15 SMALL ARMS AMMUNITION</b>	<b>27,958</b>	<b>27,022</b>	<b>-936</b>
Production engineering excess growth		-936	
<b>17 40 MM, ALL TYPES</b>	<b>14,758</b>	<b>13,188</b>	<b>-1,570</b>
MK281 unit cost growth		-1,570	
<b>20 120MM, ALL TYPES</b>	<b>16,757</b>	<b>10,427</b>	<b>-6,330</b>
Precision extended range munition developmental delay		-6,330	
<b>21 GRENADES, ALL TYPES</b>	<b>972</b>	<b>0</b>	<b>-972</b>
Excess production engineering		-972	
<b>22 ROCKETS, ALL TYPES</b>	<b>14,186</b>	<b>10,639</b>	<b>-3,547</b>
HX07 contract delay		-3,547	
<b>23 ARTILLERY, ALL TYPES</b>	<b>68,656</b>	<b>61,143</b>	<b>-7,513</b>
HE M795 previously funded		-7,513	
<b>25 FUZE, ALL TYPES</b>	<b>26,068</b>	<b>20,640</b>	<b>-5,448</b>
Precision guided fuze unit cost savings		-4,320	
Excess production engineering and ECP growth		-1,128	
<b>27 AMMO MODERNIZATION</b>	<b>14,660</b>	<b>13,396</b>	<b>-1,264</b>
Program underexecution		-1,264	

## SHIPBUILDING AND CONVERSION, NAVY

Fiscal year 2016 appropriation .....	\$18,704,539,000
Fiscal year 2017 budget request .....	18,354,874,000
Committee recommendation .....	18,484,524,000
Change from budget request .....	+129,650,000

The Committee recommends an appropriation of \$18,484,524,000 for Shipbuilding and Conversion, Navy which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SHIPBUILDING & CONVERSION, NAVY							
1	FLEET BALLISTIC MISSILE SHIPS						
	OHIO REPLACEMENT SUBMARINE.....	---	773,138	---	773,138	---	---
2	OTHER WARSHIPS						
	CARRIER REPLACEMENT PROGRAM.....	---	1,291,783	---	1,271,205	---	-20,578
3	CARRIER REPLACEMENT PROGRAM (AP-CY).....	---	1,370,784	---	1,370,784	---	---
4	VIRGINIA CLASS SUBMARINE.....	2	3,187,985	2	3,187,985	---	---
5	VIRGINIA CLASS SUBMARINE (AP-CY).....	---	1,767,234	---	1,742,134	---	-25,100
6	CVN REFUELING OVERHAUL.....	---	1,743,220	---	1,689,820	---	-53,300
7	CVN REFUELING OVERHAULS (AP-CY).....	---	248,599	---	248,599	---	---
8	DDG 1000.....	---	271,756	---	271,756	---	---
9	DDG-51.....	2	3,211,292	2	3,211,292	---	---
11	LITTORAL COMBAT SHIP.....	2	1,125,625	3	1,439,192	+1	+313,567
	TOTAL, OTHER WARSHIPS.....		14,216,278		14,432,867		+214,589
16	AMPHIBIOUS SHIPS						
	LHA REPLACEMENT.....	1	1,623,024	1	1,559,189	---	-63,835
	TOTAL, AMPHIBIOUS SHIPS.....		1,623,024		1,559,189		-63,835
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS							
20	TAO FLEET OILER (AP-CY).....	---	73,079	---	73,079	---	---
22	MOORED TRAINING SHIP.....	1	624,527	1	624,527	---	---
25	OUTFITTING.....	---	666,158	---	645,054	---	-21,104
26	SHIP TO SHORE CONNECTOR.....	2	128,067	2	128,067	---	---
27	SERVICE CRAFT.....	---	65,192	---	65,192	---	---
28	LCAC SLEP.....	---	1,774	---	1,774	---	---
29	YP CRAFT MAINTENANCE/ROM/SLEP.....	---	21,363	---	21,363	---	---
30	COMPLETION OF PY SHIPBUILDING PROGRAMS.....	---	160,274	---	160,274	---	---
	TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM.....		1,740,434		1,719,330		-21,104
	TOTAL, SHIPBUILDING & CONVERSION, NAVY.....		19,354,874		18,484,624		-129,650

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
<b>2 CARRIER REPLACEMENT PROGRAM</b>	<b>1,291,783</b>	<b>1,271,205</b>	<b>-20,578</b>
Surface ship torpedo defense system cost growth		-2,078	
EMALS cost growth		-9,400	
Advanced arresting gear cost growth		-9,100	
<b>5 VIRGINIA CLASS SUBMARINE (AP-CY)</b>	<b>1,767,234</b>	<b>1,742,134</b>	<b>-25,100</b>
Long lead-time CFE cost growth		-11,500	
VPM long-lead time CFE early to need		-13,600	
<b>6 CVN REFUELING OVERHAUL</b>	<b>1,743,220</b>	<b>1,689,920</b>	<b>-53,300</b>
C4ISR cost growth		-11,600	
Integrated communication network cost growth		-6,600	
UCLASS early to need		-26,700	
Aviation equipment and support cost growth		-2,100	
ROAR cost growth		-2,800	
MK38 Mod 2 gun system cost growth		-3,300	
<b>11 LITTORAL COMBAT SHIP</b>	<b>1,125,625</b>	<b>1,439,192</b>	<b>313,567</b>
Basic construction excess growth		-42,500	
Other electronics cost growth		-3,933	
Other costs excess growth		-24,100	
Program increase - one additional ship		384,100	
<b>16 LHA REPLACEMENT</b>	<b>1,623,024</b>	<b>1,559,169</b>	<b>-63,835</b>
Plans cost growth		-58,530	
Excess change orders		-5,305	
<b>25 OUTFITTING</b>	<b>866,158</b>	<b>848,054</b>	<b>-21,104</b>
DDG outfitting		-7,569	
EPF outfitting		-2,609	
LPD outfitting		-2,879	
Virginia class outfitting		-8,147	

## CRUISER MODERNIZATION

The Committee is disappointed that the Navy's fiscal year 2017 budget request is once again attempting to renegotiate the terms for the modernization of the 22 remaining Ticonderoga-class cruisers. The position of this Committee, as well as the entire Congress, is very clear and has been stated repeatedly over the last four years. The Committee remains adamant that the Navy will not lay up half of the remaining cruisers for an extended period of time. The Navy's own stated requirement for guided missile cruisers in the 30 year shipbuilding plan remains steady at 22. The requirement is not for eleven cruisers in an extended lay-up status while eleven others continue to operate. The Secretary of the Navy has repeatedly stated his desire to increase the size of the fleet, yet placing half of the Navy's cruisers, the centerpiece of area air defense for the Navy's carrier battlegroups, would seem to contradict any desire to build up the fleet. Therefore, the bill once again contains a provision that provides the Secretary of the Navy explicit direction for how to conduct the cruiser modernization program—no more than two cruisers may enter a modernization period each year, the modernization period for each cruiser may last no longer than four years, and there can only be a maximum of six ships in a modernization period at any one time. The Committee understands that the Navy has sufficient funding remaining in the Ship Modernization, Operations, and Sustainment Fund to further these efforts in fiscal year 2017. Further, the Committee directs the Secretary of the Navy to brief the congressional defense committees quarterly on the status of each of the 22 Ticonderoga class cruisers to ensure that these ships are being operated appropriately and as a way for the committees to ensure that the Navy is not attempting to sidestep the intent of the committees by keeping the ships in extended alongside availabilities.

Additionally, the Committee expects the Secretary of the Navy to comply with these statutorily directed rules for cruiser modernization in future budget submissions.

## OTHER PROCUREMENT, NAVY

Fiscal year 2016 appropriation .....	\$6,484,257,000
Fiscal year 2017 budget request .....	6,338,861,000
Committee recommendation .....	6,099,326,000
Change from budget request .....	- 239,535,000

The Committee recommends an appropriation of \$6,099,326,000 for Other Procurement, Navy which will provide the following program in fiscal year 2017:



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER PROCUREMENT, NAVY						
SHIPS SUPPORT EQUIPMENT						
SHIP PROPULSION EQUIPMENT						
3 SURFACE POWER EQUIPMENT.....	---	15,514	---	15,514	---	---
4 HYBRID ELECTRIC DRIVE (HED).....	---	40,132	---	39,282	---	-850
GENERATORS						
5 SURFACE COMBATANT HM&E.....	---	29,974	---	27,447	---	-2,527
NAVIGATION EQUIPMENT						
6 OTHER NAVIGATION EQUIPMENT.....	---	63,042	---	62,971	---	-971
PERISCOPES						
7 SUB PERISCOPES & IMAGING EQUIP.....	---	138,421	---	---	---	-138,421
8 SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT PROGRAM..	---	---	---	130,083	---	+130,083
OTHER SHIPBOARD EQUIPMENT						
9 DDG MOD.....	---	367,766	---	354,211	---	-13,555
10 FIREFIGHTING EQUIPMENT.....	---	14,743	---	13,752	---	-991
11 COMMAND AND CONTROL SWITCHBOARD.....	---	2,140	---	2,140	---	---
12 LHA/LHD MIDLIFE.....	---	24,939	---	22,768	---	-2,171
13 LCC 19/20 EXTENDED SERVICE LIFE.....	---	---	---	---	---	---
14 POLLUTION CONTROL EQUIPMENT.....	---	20,191	---	19,167	---	-4,024
15 SUBMARINE SUPPORT EQUIPMENT.....	---	8,995	---	8,995	---	---
16 VIRGINIA CLASS SUPPORT EQUIPMENT.....	---	66,838	---	63,908	---	-2,930
17 LCS CLASS SUPPORT EQUIPMENT.....	---	54,823	---	44,823	---	-10,000
18 SUBMARINE BATTERIES.....	---	23,359	---	22,459	---	-900
19 LPD CLASS SUPPORT EQUIPMENT.....	---	40,321	---	34,416	---	-5,905
20 DDG-1000 SUPPORT EQUIPMENT.....	---	33,404	---	33,404	---	---
21 STRATEGIC PLATFORM SUPPORT EQUIP.....	---	15,838	---	14,971	---	-1,266
22 DSSP EQUIPMENT.....	---	806	---	806	---	---
24 LCAC.....	---	3,090	---	3,090	---	---
25 UNDERWATER EOD PROGRAMS.....	---	24,350	---	24,350	---	---
26 ITEMS LESS THAN \$5 MILLION.....	---	88,719	---	81,471	---	-7,248

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT
27 CHEMICAL WARFARE DETECTORS.....	---	2,873	---	2,873
28 SUBMARINE LIFE SUPPORT SYSTEM.....	---	6,043	---	5,407
				-636
30 REACTOR PLANT EQUIPMENT REACTOR COMPONENTS.....	---	342,158	---	342,158
31 OCEAN ENGINEERING DIVING AND SALVAGE EQUIPMENT.....	---	8,973	---	8,178
				-797
32 SMALL BOATS STANDARD BOATS.....	---	43,684	---	42,633
				-1,051
34 PRODUCTION FACILITIES EQUIPMENT OPERATING FORCES IPE.....	---	75,421	---	68,151
				-7,270
35 OTHER SHIP SUPPORT NUCLEAR ALTERATIONS.....	---	172,718	---	172,718
36 LCS COMMON MISSION MODULES EQUIPMENT.....	---	27,840	---	21,755
				-6,085
37 LCS HCH MISSION MODULES.....	---	57,146	---	52,324
				-4,822
38 LCS ASW MISSION MODULES.....	---	31,952	---	31,952
39 LCS SUB MISSION MODULES.....	---	22,466	---	13,250
				-9,216
41 LOGISTICS SUPPORT LSD MIDLIFE.....	---	10,813	---	10,813
				---
TOTAL, SHIPS SUPPORT EQUIPMENT.....		1,878,390		1,788,818
				-89,572
COMMUNICATIONS AND ELECTRONICS EQUIPMENT SHIP SONARS				
42 SPQ-9B RADAR.....	---	14,363	---	10,376
				-3,987
43 AN/SQQ-89 SURF ASW COMBAT SYSTEM.....	---	90,029	---	90,029
45 SSN ACOUSTICS EQUIPMENT.....	---	248,765	---	248,765
46 UNDERSEA WARFARE SUPPORT EQUIPMENT.....	---	7,163	---	7,163
				---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT
ASW ELECTRONIC EQUIPMENT				
48 SUBMARINE ACOUSTIC WARFARE SYSTEM.....	---	21,291	---	21,291
49 SSTO.....	---	6,893	---	6,893
50 FIXED SURVEILLANCE SYSTEM.....	---	145,701	---	145,701
51 SURTASS.....	---	36,136	---	33,743
ELECTRONIC WARFARE EQUIPMENT				
53 AN/SIQ-32.....	---	274,892	---	268,641
RECONNAISSANCE EQUIPMENT				
54 SHIPBOARD IW EXPLOIT.....	---	170,733	---	169,021
55 AUTOMATED IDENTIFICATION SYSTEM (AIS).....	---	958	---	764
OTHER SHIP ELECTRONIC EQUIPMENT				
57 COOPERATIVE ENGAGEMENT CAPABILITY.....	---	22,034	---	17,865
59 NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS).....	---	12,338	---	12,936
60 ATDLs.....	---	30,105	---	30,105
61 NAVY COMMAND AND CONTROL SYSTEM (NCCS).....	---	4,556	---	4,556
62 MINESWEEPING SYSTEM REPLACEMENT.....	---	56,875	---	51,241
63 SHALLOW WATER HCM.....	---	8,875	---	8,875
64 NAVSTAR GPS RECEIVERS (SPACE).....	---	12,752	---	7,701
65 ARMED FORCES RADIO AND TV.....	---	4,577	---	4,577
66 STRATEGIC PLATFORM SUPPORT EQUIP.....	---	8,972	---	8,972
AVIATION ELECTRONIC EQUIPMENT				
69 ASHORE ATC EQUIPMENT.....	---	75,068	---	71,892
70 AFLOAT ATC EQUIPMENT.....	---	33,484	---	32,011
76 ID SYSTEMS.....	---	22,177	---	22,177
77 NAVAL MISSION PLANNING SYSTEMS.....	---	14,273	---	13,910
80 TACTICAL/MOBILE C41 SYSTEMS.....	---	27,927	---	24,178
OTHER SHORE ELECTRONIC EQUIPMENT				
81 DCGS-N.....	---	12,676	---	11,810
82 CANES.....	---	212,030	---	212,030
83 RADIAC.....	---	8,092	---	8,092
84 CANES-INTELL.....	---	36,013	---	36,013
85 GPETE.....	---	6,428	---	6,428
87 INTEG COMBAT SYSTEM TEST FACILITY.....	---	8,376	---	8,376
88 ENI CONTROL INSTRUMENTATION.....	---	3,971	---	3,971
89 ITEMS LESS THAN \$5 MILLION.....	---	58,721	---	47,664

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT
SHIPBOARD COMMUNICATIONS				
90 SHIPBOARD TACTICAL COMMUNICATIONS.....	---	17,366	---	11,497
91 SHIP COMMUNICATIONS AUTOMATION.....	---	102,479	---	101,087
92 COMMUNICATIONS ITEMS UNDER \$5M.....	---	10,403	---	10,403
SUBMARINE COMMUNICATIONS				
93 SUBMARINE BROADCAST SUPPORT.....	---	34,151	---	31,459
94 SUBMARINE COMMUNICATION EQUIPMENT.....	---	64,629	---	62,879
SATELLITE COMMUNICATIONS				
95 SATELLITE COMMUNICATIONS SYSTEMS.....	---	14,414	---	14,414
96 NAVY MULTIBAND TERMINAL (NMT).....	---	38,365	---	33,992
SHORE COMMUNICATIONS				
97 JCS COMMUNICATIONS EQUIPMENT.....	---	4,156	---	4,156
CRYPTOGRAPHIC EQUIPMENT				
99 INFO SYSTEMS SECURITY PROGRAM (ISSP).....	---	85,694	---	80,916
100 MIO INTEL EXPLOITATION TEAM.....	---	920	---	920
CRYPTOLOGIC EQUIPMENT				
101 CRYPTOLOGIC COMMUNICATIONS EQUIP.....	---	21,098	---	21,098
OTHER ELECTRONIC SUPPORT				
102 COAST GUARD EQUIPMENT.....	---	32,291	---	32,291
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....		2,122,908		2,050,179
AVIATION SUPPORT EQUIPMENT				
SONOBUOYS				
103 SONOBUOYS - ALL TYPES.....	---	162,588	---	157,086
AIRCRAFT SUPPORT EQUIPMENT				
104 WEAPONS RANGE SUPPORT EQUIPMENT.....	---	58,116	---	58,116
105 AIRCRAFT SUPPORT EQUIPMENT.....	---	120,324	---	115,551
106 METEOROLOGICAL EQUIPMENT.....	---	29,253	---	29,253
107 OTHER PHOTOGRAPHIC EQUIPMENT (DCRS/DPL).....	---	632	---	632
108 AIRBORNE MINE COUNTERMEASURES.....	---	29,087	---	27,542
109 AVIATION SUPPORT EQUIPMENT.....	---	39,099	---	37,066
TOTAL, AVIATION SUPPORT EQUIPMENT.....		439,109		425,226
				-13,883

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
ORDNANCE SUPPORT EQUIPMENT						
SHIP GUN SYSTEM EQUIPMENT						
110 SHIP GUN SYSTEMS EQUIPMENT.....	---	6,191	---	6,191	---	---
SHIP MISSILE SYSTEMS EQUIPMENT						
111 SHIP MISSILE SUPPORT EQUIPMENT.....	---	320,446	---	286,749	---	-33,697
112 TOMAHAWK SUPPORT EQUIPMENT.....	---	71,046	---	67,062	---	-3,984
FBM SUPPORT EQUIPMENT						
113 STRATEGIC MISSILE SYSTEMS EQUIP.....	---	215,138	---	215,138	---	---
ASW SUPPORT EQUIPMENT						
114 SSN COMBAT CONTROL SYSTEMS.....	---	130,715	---	130,715	---	---
115 ASW SUPPORT EQUIPMENT.....	---	26,431	---	26,431	---	---
OTHER ORDNANCE SUPPORT EQUIPMENT						
116 EXPLOSIVE ORDNANCE DISPOSAL EQUIP.....	---	11,821	---	11,821	---	---
117 ITEMS LESS THAN \$5 MILLION.....	---	6,243	---	6,243	---	---
OTHER EXPENDABLE ORDNANCE						
118 SUBMARINE TRAINING DEVICE MODS.....	---	48,020	---	46,746	---	-1,274
120 SURFACE TRAINING EQUIPMENT.....	---	97,514	---	87,714	---	-9,800
TOTAL, ORDNANCE SUPPORT EQUIPMENT.....		833,565		864,810		-31,245
CIVIL ENGINEERING SUPPORT EQUIPMENT						
121 PASSENGER CARRYING VEHICLES.....	---	8,853	---	8,853	---	---
122 GENERAL PURPOSE TRUCKS.....	---	4,928	---	4,794	---	-134
123 CONSTRUCTION & MAINTENANCE EQUIP.....	---	18,527	---	18,527	---	---
124 FIRE FIGHTING EQUIPMENT.....	---	13,569	---	13,569	---	---
125 TACTICAL VEHICLES.....	---	14,917	---	13,824	---	-1,093
126 AMPHIBIOUS EQUIPMENT.....	---	7,676	---	7,676	---	---
127 POLLUTION CONTROL EQUIPMENT.....	---	2,321	---	2,321	---	---
128 ITEMS UNDER \$5 MILLION.....	---	12,459	---	12,459	---	---
129 PHYSICAL SECURITY VEHICLES.....	---	1,095	---	1,095	---	---
TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT.....		84,345		83,116		-1,227

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
SUPPLY SUPPORT EQUIPMENT						
131 SUPPLY EQUIPMENT.....	---	16,023	---	16,023	---	---
133 FIRST DESTINATION TRANSPORTATION.....	---	5,115	---	5,115	---	---
134 SPECIAL PURPOSE SUPPLY SYSTEMS.....	---	295,471	---	295,471	---	---
		-----		-----		-----
TOTAL, SUPPLY SUPPORT EQUIPMENT.....		316,609		316,609		---
PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
TRAINING DEVICES						
136 TRAINING AND EDUCATION EQUIPMENT.....	---	9,504	---	8,347	---	-3,157
COMMAND SUPPORT EQUIPMENT						
137 COMMAND SUPPORT EQUIPMENT.....	---	37,180	---	29,980	---	-7,200
139 MEDICAL SUPPORT EQUIPMENT.....	---	4,128	---	4,128	---	---
141 NAVAL HIF SUPPORT EQUIPMENT.....	---	1,925	---	1,925	---	---
142 OPERATING FORCES SUPPORT EQUIPMENT.....	---	4,777	---	4,777	---	---
143 C4ISR EQUIPMENT.....	---	9,073	---	9,073	---	---
144 ENVIRONMENTAL SUPPORT EQUIPMENT.....	---	21,107	---	19,439	---	-1,668
145 PHYSICAL SECURITY EQUIPMENT.....	---	100,906	---	100,906	---	---
146 ENTERPRISE INFORMATION TECHNOLOGY.....	---	67,544	---	68,200	---	-1,344
150 NEXT GENERATION ENTERPRISE SERVICE.....	---	98,216	---	98,216	---	---
		-----		-----		-----
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT.....		354,360		340,391		-13,369
151 SPARES AND REPAIR PARTS.....	---	193,660	---	199,660	---	---
CLASSIFIED PROGRAMS.....	---	9,915	---	9,915	---	---
		-----		-----		-----
TOTAL, OTHER PROCUREMENT, NAVY.....		6,338,861		6,099,326		-239,535
		=====		=====		=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
4 HYBRID ELECTRIC DRIVE (HED) Installation early to need	40,132	39,282 -850	-850
5 SURFACE COMBATANT HM&E Ship control systems unit cost growth Excess installation	29,974	27,447 -2,180 -347	-2,527
6 OTHER NAVIGATION EQUIPMENT Surface AN/WSN-9 excess installation	63,842	62,971 -871	-971
8 SUB PERISCOPES, IMAGING AND SUPT EQUIP PROG Imaging ISIS technical insertion unit cost growth ISIS technical insertion NRE growth	136,421	130,063 -3,900 -2,458	-6,358
9 DDG MOD Excess installation Wireless communications installation early to need AWS upgrade kit cost growth VLS upgrades engineering services excess growth	357,766	354,211 -10,403 -796 -1,500 -856	-13,555
10 FIREFIGHTING EQUIPMENT EESD prior year carryover Magazine sprinkling improvement prior year carryover Firefighter access kits early to need	14,743	13,752 -262 -255 -474	-991
12 LHA/LHD MIDLIFE Brushless generator for PMP installation early to need HESC engineering services excess growth	24,939	22,768 -1,000 -1,171	-2,171
14 POLLUTION CONTROL EQUIPMENT HF040 field support systems unit cost growth HF062 lightering systems unit cost growth HF031 pollution control equipment field changes (expeditionary warfare) previously funded	20,191	16,167 -343 -850 -2,831	-4,024
16 VIRGINIA CLASS SUPPORT EQUIPMENT Ship control system modernization backfit excess installation	66,838	63,908 -2,930	-2,930
17 LCS CLASS SUPPORT EQUIPMENT MT-30 gas turbine engine unit cost growth	54,823	44,823 -10,000	-10,000
18 SUBMARINE BATTERIES OHIO class main storage battery previously funded	23,359	22,459 -900	-900
19 LPD CLASS SUPPORT EQUIPMENT HW/SW obsolescence excess installation HM&E electrical upgrades kits unit cost growth SWAN/CANES integration excess installation	40,321	34,416 -1,919 -1,463 -2,523	-5,905
21 STRATEGIC PLATFORM SUPPORT EQUIP Equipment HM&E SWS/SS alteration previously funded	15,836	14,571 -1,265	-1,265

P-1	Budget Request	Committee Recommended	Change from Request
<b>26 ITEMS LESS THAN \$5 MILLION</b>	<b>88,719</b>	<b>81,471</b>	<b>-7,248</b>
Propellers and shafts unit cost growth		-827	
Training test equipment unjustified request		-3,800	
LHD/LHA davits excess installation		-790	
JSF support prior year carryover		-838	
LSD boat davit kit cost growth		-993	
<b>28 SUBMARINE LIFE SUPPORT SYSTEM</b>	<b>5,043</b>	<b>5,407</b>	<b>-636</b>
Low pressure electrolyzer kit cost growth		-636	
<b>31 DIVING AND SALVAGE EQUIPMENT</b>	<b>8,973</b>	<b>8,176</b>	<b>-797</b>
Contaminated water diving equipment unit cost growth		-213	
Submarine support system unit cost growth		-584	
<b>32 STANDARD BOATS</b>	<b>43,884</b>	<b>42,633</b>	<b>-1,051</b>
Prior year carryover		-1,051	
<b>34 OPERATING FORCES IPE</b>	<b>75,421</b>	<b>68,151</b>	<b>-7,270</b>
Shipyard capital investment program excess growth		-7,270	
<b>36 LCS COMMON MISSION MODULES EQUIPMENT</b>	<b>27,840</b>	<b>21,755</b>	<b>-6,085</b>
Mission bay training devices excess growth		-6,085	
<b>37 LCS MCM MISSION MODULES</b>	<b>57,146</b>	<b>52,324</b>	<b>-4,822</b>
ALMDS unit cost growth		-4,822	
<b>39 LCS SUW MISSION MODULES</b>	<b>22,466</b>	<b>13,250</b>	<b>-9,216</b>
MK-46 gun weapon system contract delays		-9,216	
<b>42 SPQ-9B RADAR</b>	<b>14,363</b>	<b>10,376</b>	<b>-3,987</b>
AN/SPQ-9B engineering change proposals contract delays		-3,636	
AN/SPQ-9B radar FMP kit cost growth		-351	
<b>51 SURTASS</b>	<b>36,136</b>	<b>33,743</b>	<b>-2,393</b>
Integrated common processor kit cost growth		-2,393	
<b>53 AN/SLQ-32</b>	<b>274,892</b>	<b>286,641</b>	<b>-8,251</b>
Block 3 excess support		-4,270	
Block 3T excess support		-1,000	
Block 3T installation prior year carryover		-2,981	
<b>54 SHIPBOARD IW EXPLOIT</b>	<b>170,733</b>	<b>169,021</b>	<b>-1,712</b>
Increment F kit cost growth		-1,712	
<b>55 AUTOMATED IDENTIFICATION SYSTEM (AIS)</b>	<b>958</b>	<b>764</b>	<b>-194</b>
AIS procurement unit cost growth		-194	
<b>57 COOPERATIVE ENGAGEMENT CAPABILITY</b>	<b>22,034</b>	<b>17,965</b>	<b>-4,069</b>
SDP processor backfits prior year carryover		-755	
Common array block antenna prior year carryover		-3,314	
<b>62 MINESWEEPING SYSTEM REPLACEMENT</b>	<b>56,875</b>	<b>51,241</b>	<b>-5,434</b>
SSQ-94 trainer excess growth		-916	
MSF measurement system upgrade excess growth		-4,518	
<b>64 NAVSTAR GPS RECEIVERS (SPACE)</b>	<b>12,752</b>	<b>7,701</b>	<b>-5,051</b>
NAVWAR kit cost growth		-5,051	



P-1	Budget Request	Committee Recommended	Change from Request
69 ASHORE ATC EQUIPMENT AN/FPN-63 par tech refresh kit cost growth	75,068	71,892 -3,176	-3,176
70 AFLOAT ATC EQUIPMENT Production engineering excess growth	33,484	32,011 -1,473	-1,473
77 NAVAL MISSION PLANNING SYSTEMS JMPS-M flight planning seat unit cost growth	14,273	13,910 -363	-363
80 TACTICAL/MOBILE C41 SYSTEMS MTOC kit cost growth Excess installation	27,927	24,178 -2,986 -763	-3,749
81 DCGS-N DCGS-N tech refresh kit cost growth Excess installation	12,676	11,610 -526 -540	-1,066
89 ITEMS LESS THAN \$5 MILLION Calibration standards unit cost growth DBR engineering change proposals excess growth AN/SPS-48G radar excess installation	58,721	47,664 -1,798 -5,259 -4,000	-11,057
90 SHIPBOARD TACTICAL COMMUNICATIONS DMR IW and MUOS waveforms upgrade kits previously funded	17,366	11,497 -5,869	-5,869
91 SHIP COMMUNICATIONS AUTOMATION Shore tactical assured command and control kit cost growth	102,479	101,087 -1,392	-1,392
93 SUBMARINE BROADCAST SUPPORT TACAMO unit cost growth	34,151	31,459 -2,692	-2,692
94 SUBMARINE COMMUNICATION EQUIPMENT Reliability improvements unit cost growth	64,529	62,879 -1,650	-1,650
96 NAVY MULTIBAND TERMINAL (NMT) Afloat sub kit cost growth Ashore excess installation	39,365	33,992 -1,319 -3,054	-4,373
99 INFO SYSTEMS SECURITY PROGRAM (ISSP) Digital voice terminal kit cost growth Key management - ashore previously funded	85,694	80,916 -2,289 -2,489	-4,778
103 SONOBUOYS - ALL TYPES AN/SSQ-53 unit cost growth AN/SSQ-101 unit cost growth AN/SSQ-125 unit cost growth	162,588	157,066 -2,000 -1,075 -2,447	-5,522
105 AIRCRAFT SUPPORT EQUIPMENT Lighting engineering change proposals excess growth Bik U/SNS kits excess installation SRQ(KU)-4 kit cost growth	120,324	115,551 -1,118 -751 -2,904	-4,773
108 AIRBORNE MINE COUNTERMEASURES Modifications unjustified growth	29,097	27,542 -1,555	-1,555

P-1	Budget Request	Committee Recommended	Change from Request
109 AVIATION SUPPORT EQUIPMENT	39,099	37,066	-2,033
EPUK HW/SW excess growth		-861	
JHMCS night vision unit cost growth		-1,172	
111 SHIP MISSILE SUPPORT EQUIPMENT	320,446	286,749	-33,697
AEGIS training and readiness center upgrade early to need		-17,140	
NATA seasparrow previously funded		-16,557	
112 TOMAHAWK SUPPORT EQUIPMENT	71,046	67,062	-3,984
TTWCS product improvement previously funded		-3,984	
118 SUBMARINE TRAINING DEVICE MODS	48,020	46,746	-1,274
Navigation training unjustified growth		-1,274	
120 SURFACE TRAINING EQUIPMENT	97,514	87,714	-9,800
Unjustified growth		-5,000	
BFFT ship sets previously funded		-4,800	
122 GENERAL PURPOSE TRUCKS	4,928	4,794	-134
Truck unit cost growth		-134	
125 TACTICAL VEHICLES	14,917	13,824	-1,093
JLTV unit cost savings		-1,093	
136 TRAINING AND EDUCATION EQUIPMENT	9,504	6,347	-3,157
Lifecycle management unit cost growth		-363	
Ballistic missile defense unit cost growth		-2,794	
137 COMMAND SUPPORT EQUIPMENT	37,180	29,980	-7,200
CNIC building control systems unjustified request		-7,200	
144 ENVIRONMENTAL SUPPORT EQUIPMENT	21,107	19,439	-1,668
Master clock systems unit cost growth		-879	
Integrated sub bottom profiler unit cost growth		-789	
146 ENTERPRISE INFORMATION TECHNOLOGY	67,544	66,200	-1,344
Telephony replacement excess installation		-1,344	

## PROCUREMENT, MARINE CORPS

Fiscal year 2016 appropriation .....	\$1,186,812,000
Fiscal year 2017 budget request .....	1,362,769,000
Committee recommendation .....	1,213,872,000
Change from budget request .....	- 148,897,000

The Committee recommends an appropriation of \$1,213,872,000 for Procurement, Marine Corps which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT, MARINE CORPS							
WEAPONS AND COMBAT VEHICLES							
TRACKED COMBAT VEHICLES							
1	AAV7A1 PIP.....	---	73,785	---	68,319	---	-5,466
2	LAV PIP.....	---	53,423	---	48,219	---	-5,204
ARTILLERY AND OTHER WEAPONS							
3	EXPEDITIONARY FIRE SUPPORT SYSTEM.....	---	3,360	---	3,360	---	---
4	155MM LIGHTWEIGHT TOWED HOWITZER.....	---	3,318	---	3,318	---	---
5	HIGH MOBILITY ARTILLERY ROCKET SYSTEM.....	---	33,725	---	31,169	---	-2,556
6	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION.....	---	8,181	---	7,191	---	-990
OTHER SUPPORT							
7	MODIFICATION KITS.....	---	15,250	---	15,250	---	---
TOTAL, WEAPONS AND COMBAT VEHICLES.....			191,042		176,826		-14,216
GUIDED MISSILES AND EQUIPMENT							
GUIDED MISSILES							
9	GROUND BASED AIR DEFENSE.....	---	9,170	---	9,170	---	---
10	JAVELIN.....	---	1,009	---	1,008	---	---
11	FOLLOW ON TO SHAW.....	---	24,866	---	22,918	---	-1,748
12	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H).....	---	17,080	---	17,080	---	---
TOTAL, GUIDED MISSILES AND EQUIPMENT.....			51,925		50,177		-1,748

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT		COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
COMMUNICATIONS AND ELECTRONICS EQUIPMENT								
COMMAND AND CONTROL SYSTEMS								
15	COMMON AVIATION COMMAND AND CONTROL SYS.....	---	47,312	---	46,487	---	---	-825
REPAIR AND TEST EQUIPMENT								
16	REPAIR AND TEST EQUIPMENT.....	---	16,469	---	14,469	---	---	-2,000
COMMAND AND CONTROL								
19	ITEMS UNDER \$5 MILLION (COMM & ELEC).....	---	7,433	---	5,511	---	---	-1,922
20	AIR OPERATIONS C2 SYSTEMS.....	---	15,917	---	15,917	---	---	---
RADAR + EQUIPMENT (NON-TEL)								
21	RADAR SYSTEMS.....	---	17,772	---	17,772	---	---	---
22	GROUND/AIR TASK ORIENTED RADAR.....	3	123,758	3	113,909	---	---	-9,849
23	RQ-21 UAS.....	4	80,217	4	76,876	---	---	-3,341
INTELL/COMM EQUIPMENT (NON-TEL)								
24	GCSS-MC.....	---	1,089	---	1,089	---	---	---
25	FIRE SUPPORT SYSTEM.....	---	13,258	---	13,258	---	---	---
26	INTELLIGENCE SUPPORT EQUIPMENT.....	---	56,379	---	51,213	---	---	-5,166
29	RQ-11 UAV.....	---	1,976	---	1,976	---	---	---
31	DCGS-MC.....	---	1,149	---	1,149	---	---	---
32	UAS PAYLOADS.....	---	2,971	---	2,971	---	---	---
OTHER COMM/ELEC EQUIPMENT (NON-TEL)								
34	NEXT GENERATION ENTERPRISE NETWORK (NGEN).....	---	76,302	---	68,093	---	---	-8,219
OTHER SUPPORT (NON-TEL)								
35	COMMON COMPUTER RESOURCES.....	---	41,802	---	39,477	---	---	-2,325
36	COMMAND POST SYSTEMS.....	---	90,624	---	75,199	---	---	-15,725
37	RADIO SYSTEMS.....	---	43,714	---	14,600	---	---	-29,114
38	COMM SWITCHING & CONTROL SYSTEMS.....	---	66,383	---	49,883	---	---	-16,500
39	COMM & ELEC INFRASTRUCTURE SUPPORT.....	---	30,229	---	30,229	---	---	---
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....			735,054		640,068			-94,986
SUPPORT VEHICLES								
ADMINISTRATIVE VEHICLES								
41	COMMERCIAL CARGO VEHICLES.....	---	88,312	---	82,901	---	---	-5,411

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
TACTICAL VEHICLES						
43 MOTOR TRANSPORT MODIFICATIONS.....	---	13,292	---	13,292	---	---
45 JOINT LIGHT TACTICAL VEHICLE.....	192	113,230	192	100,480	---	-12,740
46 FAMILY OF TACTICAL TRAILERS.....	---	2,691	---	2,691	---	---
TOTAL, SUPPORT VEHICLES.....		217,525		199,374		-18,151
ENGINEER AND OTHER EQUIPMENT						
ENGINEER AND OTHER EQUIPMENT						
48 ENVIRONMENTAL CONTROL EQUIP ASSORT.....	---	18	---	---	---	-18
50 TACTICAL FUEL SYSTEMS.....	---	78	---	---	---	-78
51 POWER EQUIPMENT ASSORTED.....	---	17,973	---	17,973	---	---
52 AMPHIBIOUS SUPPORT EQUIPMENT.....	---	7,371	---	7,371	---	---
53 EOD SYSTEMS.....	---	14,021	---	14,021	---	---
MATERIALS HANDLING EQUIPMENT						
54 PHYSICAL SECURITY EQUIPMENT.....	---	31,523	---	24,592	---	-6,941
GENERAL PROPERTY						
56 TRAINING DEVICES.....	---	33,658	---	33,658	---	---
60 FAMILY OF CONSTRUCTION EQUIPMENT.....	---	21,315	---	20,278	---	-1,037
61 FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV).....	---	9,654	---	9,282	---	-372
OTHER SUPPORT						
62 ITEMS LESS THAN \$5 MILLION.....	---	6,026	---	6,026	---	---
TOTAL, ENGINEER AND OTHER EQUIPMENT.....		141,637		133,191		-8,446
64 SPARES AND REPAIR PARTS.....	---	22,848	---	11,498	---	-11,350
CLASSIFIED PROGRAMS.....	---	2,738	---	2,738	---	---
TOTAL, PROCUREMENT, MARINE CORPS.....		1,362,769		1,213,672		-148,897

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 AAV7A1 PIP	73,785	68,319	-5,466
Emergency Egress Lighting Systems previously funded		-3,245	
Production engineering support excess growth		-2,221	
2 LAV PIP	53,423	48,219	-5,204
Unit cost savings		-3,024	
Program management support excess growth		-964	
Training devices prior year carryover		-1,216	
5 HIGH MOBILITY ARTILLERY ROCKET SYSTEM	33,725	31,169	-2,556
Unit cost growth		-2,556	
6 WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	8,181	7,191	-990
Unjustified growth		-990	
11 FOLLOW ON TO SMAW	24,666	22,918	-1,748
Unjustified growth		-1,748	
15 COMMON AVIATION COMMAND AND CONTROL SYS	47,312	46,487	-825
Unit cost growth		-825	
16 REPAIR AND TEST EQUIPMENT	16,469	14,469	-2,000
Lack of budget justification materials		-2,000	
19 ITEMS UNDER \$5 MILLION (COMM & ELEC)	7,433	5,511	-1,922
Unjustified growth		-594	
Program support prior year carryover		-1,328	
22 GROUND/AIR TASK ORIENTED RADAR	123,758	113,908	-9,849
Excess engineering change orders		-1,065	
Anticipated contract savings		-8,784	
23 RQ-21 UAS	80,217	76,876	-3,341
Unit cost savings		-1,341	
Inconsistent budget justification		-2,000	
26 INTELLIGENCE SUPPORT EQUIPMENT	56,379	51,213	-5,166
Software enhancement unjustified growth		-5,166	
34 NEXT GENERATION ENTERPRISE NETWORK (NGEN)	76,302	68,083	-8,219
Unjustified growth		-8,219	
35 COMMON COMPUTER RESOURCES	41,802	39,477	-2,325
Prior year carryover		-2,325	
36 COMMAND POST SYSTEMS	90,924	75,199	-15,725
Contract delays		-15,725	
37 RADIO SYSTEMS	43,714	14,600	-29,114
Tactical communications modernization contract award delay		-29,114	
38 COMM SWITCHING & CONTROL SYSTEMS	66,383	49,883	-16,500
Program execution		-16,500	

P-f	Budget Request	Committee Recommended	Change from Request
<b>41 COMMERCIAL CARGO VEHICLES</b>	<b>88,312</b>	<b>82,901</b>	<b>-5,411</b>
Commercial cargo vehicles excess growth		-4,711	
P-19R program support excess growth		-700	
<b>45 JOINT LIGHT TACTICAL VEHICLE</b>	<b>113,230</b>	<b>100,490</b>	<b>-12,740</b>
Test support unjustified growth		-12,740	
<b>48 ENVIRONMENTAL CONTROL EQUIP ASSORT</b>	<b>18</b>	<b>0</b>	<b>-18</b>
Unjustified request		-18	
<b>50 TACTICAL FUEL SYSTEMS</b>	<b>78</b>	<b>0</b>	<b>-78</b>
Unjustified request		-78	
<b>54 PHYSICAL SECURITY EQUIPMENT</b>	<b>31,523</b>	<b>24,582</b>	<b>-6,941</b>
Collateral equipment early to need		-6,941	
<b>60 FAMILY OF CONSTRUCTION EQUIPMENT</b>	<b>21,315</b>	<b>20,278</b>	<b>-1,037</b>
Garrison mobile engineering equipment excess growth		-1,037	
<b>FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE</b>			
<b>61 (ITV)</b>	<b>9,654</b>	<b>9,282</b>	<b>-372</b>
Testing and FDT excess growth		-372	
<b>64 SPARES AND REPAIR PARTS</b>	<b>22,848</b>	<b>11,498</b>	<b>-11,350</b>
G/ATOR spares early to need		-8,621	
RQ-21 spares excess to need		-2,729	



## AIRCRAFT PROCUREMENT, AIR FORCE

Fiscal year 2016 appropriation .....	\$15,756,853,000
Fiscal year 2017 budget request .....	13,922,917,000
Committee recommendation .....	14,325,117,000
Change from budget request .....	+402,200,000

The Committee recommends an appropriation of \$14,325,117,000 for Aircraft Procurement, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
-----							
AIRCRAFT PROCUREMENT, AIR FORCE							
COMBAT AIRCRAFT							
TACTICAL FORCES							
1	F-35.....	43	4,401,894	48	4,753,894	+5	+352,000
2	F-35 (AP-CY).....	---	404,500	---	404,500	---	---
			-----	-----			
TOTAL, COMBAT AIRCRAFT.....			4,806,394	5,158,394		+352,000	
-----							
AIRLIFT AIRCRAFT							
OTHER AIRLIFT							
3	KC-46A TANKER.....	15	2,884,591	15	2,801,891	---	-82,700
4	C-130J.....	2	145,655	2	145,655	---	---
6	HC-130J.....	3	317,576	3	317,576	---	---
7	HC-130J.....	---	20,000	---	20,000	---	---
8	HC-130J.....	8	548,358	6	548,358	---	---
9	HC-130J (AP).....	---	50,000	---	50,000	---	---
			-----	-----			
TOTAL, AIRLIFT AIRCRAFT.....			3,966,180	3,883,480		-82,700	
-----							
OTHER AIRCRAFT							
HELICOPTERS							
10	UH-1H REPLACEMENT.....	---	18,337	---	18,337	---	---
MISSION SUPPORT AIRCRAFT							
12	CIVIL AIR PATROL A/C.....	6	2,637	6	10,337	---	+7,700
-----							
OTHER AIRCRAFT							
13	TARGET DRONES.....	41	114,658	41	114,658	---	---
14	RQ-4 UAV.....	---	12,966	---	12,966	---	---
15	MQ-9.....	---	122,522	---	122,522	---	---
			-----	-----			
TOTAL, OTHER AIRCRAFT.....			271,118	278,818		+7,700	

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
MODIFICATION OF INSERVICE AIRCRAFT						
16	B-2A.....	---	46,729	---	46,729	---
17	B-18.....	---	116,319	---	109,319	-7,000
18	B-52.....	---	109,020	---	109,020	---
TACTICAL AIRCRAFT						
20	A-10.....	---	1,289	---	1,289	---
21	F-15.....	---	105,685	---	105,685	---
22	F-16.....	---	97,331	---	124,731	+27,400
23	F-22A.....	---	163,008	---	163,008	---
24	F-35 MODIFICATIONS.....	---	175,811	---	175,811	---
25	INCREMENT 3.2b.....	---	76,410	---	76,410	---
26	INCREMENT 3.2b (AP-CY).....	---	2,000	---	2,000	---
AIRLIFT AIRCRAFT						
27	C-5.....	---	24,192	---	24,192	---
28	C-17A.....	---	21,555	---	21,555	---
30	C-21.....	---	5,439	---	439	-5,000
31	C-32A.....	---	35,235	---	35,235	---
32	C-37A.....	---	5,004	---	5,004	---
TRAINER AIRCRAFT						
33	GLIDER MOOS.....	---	394	---	394	---
34	T6.....	---	12,765	---	12,765	---
35	T-1.....	---	25,073	---	13,373	-11,700
36	T-38.....	---	45,090	---	22,090	-23,000

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST
		QTY	AMOUNT	QTY	AMOUNT	QTY
OTHER AIRCRAFT						
37 U-2 MODS.....	---		36,074	---	36,074	---
38 KC-10A (ATCA).....	---		4,570	---	4,570	---
39 C-12.....	---		1,995	---	1,995	---
40 VC-25A MOD.....	---		102,670	---	102,670	---
41 C-40.....	---		13,984	---	13,984	---
42 C-130.....	---		9,168	---	157,888	+148,700
43 C130J MODS.....	---		89,424	---	89,424	---
44 C-135.....	---		64,161	---	64,161	---
45 COMPASS CALL MODS.....	---		130,257	---	130,257	---
46 RC-135.....	---		211,438	---	217,238	+5,800
47 E-3.....	---		82,786	---	73,285	-9,500
48 E-4.....	---		53,348	---	53,348	---
49 E-6.....	---		6,244	---	25,944	+19,700
50 AIRBORNE WARNING AND CONTROL SYSTEM.....	---		223,427	---	223,427	---
51 FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS.....	3		4,673	3	4,673	---
52 H-1.....	---		9,007	---	9,007	---
54 H-60.....	---		91,357	---	86,357	-5,000
55 RQ-4 UAV MODS.....	---		32,045	---	32,045	---
56 HC/MC-130 MODIFICATIONS.....	---		30,767	---	30,767	---
57 OTHER AIRCRAFT.....	---		33,886	---	33,886	---
59 HQ-9 MODS.....	---		141,929	---	141,929	---
60 CV-22 MODS.....	---		63,395	---	63,395	---
TOTAL, MODIFICATION OF INSERVICE AIRCRAFT.....			2,504,954		2,645,354	+140,400

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
AIRCRAFT SPARES AND REPAIR PARTS						
61 INITIAL SPARES/REPAIR PARTS.....	---	686,491	---	646,491	---	-40,000
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
COMMON SUPPORT EQUIPMENT						
62 AIRCRAFT REPLACEMENT SUPPORT EQUIP.....	---	121,935	---	121,935	---	---
POST PRODUCTION SUPPORT						
63 B-2A.....	---	154	---	154	---	---
64 B-2A.....	---	43,330	---	43,330	---	---
65 B-52.....	---	28,125	---	28,125	---	---
66 C-17A.....	---	23,559	---	23,559	---	---
69 F-15 POST PRODUCTION SUPPORT.....	---	2,980	---	2,980	---	---
70 F-16 POST PRODUCTION SUPPORT.....	---	15,155	---	39,955	---	+24,800
71 F-22A.....	---	48,505	---	48,505	---	---
72 RQ-4 POST PRODUCTION CHARGES.....	---	99	---	99	---	---
INDUSTRIAL PREPAREDNESS						
75 INDUSTRIAL PREPAREDNESS.....	---	14,126	---	14,126	---	---
WAR CONSUMABLES						
76 WAR CONSUMABLES.....	---	120,036	---	120,036	---	---
OTHER PRODUCTION CHARGES						
77 OTHER PRODUCTION CHARGES.....	---	1,252,824	---	1,252,824	---	---
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES....						
		1,670,828		1,695,628		+24,800
CLASSIFIED PROGRAMS.....						
		16,952		16,952		---
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE.....						
		13,922,917		14,325,117		+402,200

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	F-35 Program increase - five aircraft Program efficiencies	4,401,894	4,753,894 565,000 -213,000	352,000
3	KC-46 Program excess - ECO MTS ahead of need	2,884,591	2,801,891 -60,000 -22,700	-82,700
12	CIVIL AIR PATROL (CAP) AIRCRAFT Program increase	2,637	10,337 7,700	7,700
17	B-1B IBS - excess NRE/ECO	116,319	109,319 -7,000	-7,000
22	F-16 Fully fund AESA radar upgrades	97,331	124,731 27,400	27,400
30	C-21 Unobligated balances	5,439	439 -5,000	-5,000
35	T-1 Production schedule slip	25,073	13,373 -11,700	-11,700
36	T-38 Pacer Classic installs ahead of need	45,090	22,090 -23,000	-23,000
42	C-130 Eight-blade propeller upgrade Electronic propeller control system In-flight propeller balancing system Engine enhancement program	9,168	157,868 64,000 25,600 17,600 41,500	148,700
46	RC-135 Rivet Joint baseline shortfall	211,438	217,238 5,800	5,800
47	E-3 DRAGON - defer first kit procurement	82,786	73,286 -9,500	-9,500
49	E-8 PME-DMS	6,244	26,944 19,700	19,700
54	H-60 Gun replacement	91,357	86,357 -5,000	-5,000
61	INITIAL SPARES AND REPAIR PARTS MQ-9 spares underexecution	666,491	646,491 -40,000	-40,000
70	F-16 POST PRODUCTION SUPPORT F-16 mission training center simulators	15,155	39,955 24,800	24,800

## MQ-9 FLEET SIZE

The Committee notes the objective procurement quantity of MQ-9 Reapers has declined from over 400 as recently as fiscal year 2014 to 347 in the fiscal year 2017 budget request, and the current plan does not include procurement of any further MQ-9 aircraft after fiscal year 2017, despite an increasing demand for intelligence, surveillance, and reconnaissance from the combatant commanders and the attrition of at least 22 aircraft since 2009. The Committee understands that the Air Force is currently conducting a new analysis of the objective MQ-9 fleet, including an updated attrition model, and directs the Secretary of the Air Force to report the results of this study to the congressional defense committees not later than 30 days after its completion.

## MISSILE PROCUREMENT, AIR FORCE

Fiscal year 2016 appropriation .....	\$2,912,131,000
Fiscal year 2017 budget request .....	2,426,621,000
Committee recommendation .....	2,288,772,000
Change from budget request .....	-137,849,000

The Committee recommends an appropriation of \$2,288,772,000 for Missile Procurement, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	AMOUNT	QTY AMOUNT
MISSILE PROCUREMENT, AIR FORCE					
BALLISTIC MISSILES					
MISSILE REPLACEMENT EQUIPMENT - BALLISTIC					
1	MISSILE REPLACEMENT EQ-BALLISTIC.....	---	70,247	---	39,188 -31,049
OTHER MISSILES					
TACTICAL					
3	JOINT AIR-SURFACE STANDOFF MISSILE (JASSM).....	360	431,645	360	411,645 -20,000
3	LONG RANGE ANTI-SHIP MISSILE (LRASM).....	20	59,511	20	59,511 ---
4	SIDEWINDER (AIM-9X).....	287	127,438	287	127,438 ---
5	AMRAAM.....	256	350,144	256	237,844 -12,300
6	PREDATOR HELLFIRE MISSILE.....	284	33,955	284	33,955 ---
7	SMALL DIAMETER BOMB.....	312	92,361	312	92,361 ---
INDUSTRIAL FACILITIES					
8	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION.....	---	977	---	977 ---
TOTAL, OTHER MISSILES.....					
		1,096,031		1,063,731	-32,300
MODIFICATION OF INSERVICE MISSILES					
CLASS IV					
9	ICBM FUZE MOD.....	---	17,095	---	17,095 ---
10	MM III MODIFICATIONS.....	---	68,692	---	68,692 ---
11	AGM-65D HAVERICK.....	---	282	---	282 ---
13	AIR LAUNCH CRUISE MISSILE.....	---	21,762	---	21,762 ---
14	SMALL DIAMETER BOMB.....	---	15,348	---	15,348 ---
TOTAL, MODIFICATION OF INSERVICE MISSILES.....					
		123,180		123,180	---
SPARES AND REPAIR PARTS					
15	INITIAL SPARES/REPAIR PARTS.....	---	81,607	---	70,607 -11,000
SPECIAL PROGRAMS					
20	SPECIAL UPDATE PROGRAMS.....	---	46,125	---	46,125 ---
CLASSIFIED PROGRAMS.....					
		1,009,431	---	945,331	-63,500
TOTAL, MISSILE PROCUREMENT, AIR FORCE.....					
		2,426,621		2,288,772	-137,849



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 MISSILE REPLACEMENT EQUIPMENT-BALLISTIC TERP program delays	70,247	39,198 -31,049	-31,049
2 JASSM Production delays	431,845	411,645 -20,000	-20,000
5 AMRAAM Pricing adjustment	350,144	337,844 -12,300	-12,300
15 INITIAL SPARES/REPAIR PARTS Unjustified growth	81,607	70,807 -11,000	-11,000
999 CLASSIFIED PROGRAMS Classified adjustment	1,009,431	945,931 -63,500	-63,500

## SPACE PROCUREMENT, AIR FORCE

Fiscal year 2016 appropriation .....	\$2,812,159,000
Fiscal year 2017 budget request .....	3,055,743,000
Committee recommendation .....	2,538,152,000
Change from budget request .....	-517,591,000

The Committee recommends an appropriation of \$2,538,152,000 for Space Procurement, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT		COMMITTEE RECOMMENDED QTY	AMOUNT		CHANGE FROM REQUEST QTY	AMOUNT
SPACE PROCUREMENT, AIR FORCE									
1	SPACE PROGRAMS ADVANCED EHF.....	---	845,569	---	645,569	---	---	---	---
2	AF SATELLITE COMM SYSTEM.....	---	42,375	---	37,375	---	---	---	-5,000
3	COUNTERSPACE SYSTEMS.....	---	26,984	---	26,984	---	---	---	---
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS.....	16	88,963	16	81,272	---	---	---	-7,691
5	WIDESAND GAPFILLER SATELLITES.....	---	86,272	---	81,272	---	---	---	-5,000
6	GPS III SPACE SEGMENT.....	---	34,059	---	34,059	---	---	---	---
7	GLOBAL POSITIONING (SPACE).....	---	2,169	---	2,169	---	---	---	---
8	SPACEBORNE EQUIP (CONSEC).....	---	46,708	---	31,708	---	---	---	-15,000
9	GLOBAL POSITIONING (SPACE).....	---	13,171	---	10,271	---	---	---	-2,900
10	MILSATCOM.....	---	41,799	---	41,799	---	---	---	---
11	EVOLVED EXPENDABLE LAUNCH VEH INFRASTRUCTURE (SPACE).....	---	768,586	---	585,586	---	---	---	-183,000
12	EVOLVED EXPENDABLE LAUNCH VEH (SPACE).....	5	737,853	3	442,853	---	---	-2	-295,000
13	SBIR HIGH (SPACE).....	---	362,504	---	362,504	---	---	---	---
14	NUDET DETECTION SYSTEM SPACE.....	---	4,395	---	4,395	---	---	---	---
15	SPACE MODS SPACE.....	---	8,642	---	8,642	---	---	---	---
16	SPACELIFT RANGE SYSTEM SPACE.....	---	123,088	---	121,088	---	---	---	-2,000
SPARES AND REPAIR PARTS									
17	INITIAL SPARES/REPAIR PARTS.....	---	22,606	---	20,606	---	---	---	+2,000
TOTAL, SPACE PROCUREMENT, AIR FORCE.....			3,055,743		2,536,152				-517,591
			=====		=====				=====

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	AIR FORCE SATELLITE CONTROL NETWORK Unjustified request	42,375	37,375 -5,000	-5,000
4	FAMILY OF BEYOND LINE OF SIGHT TERMINALS Unjustified request	88,963	81,272 -7,691	-7,691
5	WIDEBAND GAFILLER SATELLITES Unjustified request	86,272	81,272 -5,000	-5,000
8	SPACEBORNE EQUIPMENT Unjustified request	46,708	31,708 -15,000	-15,000
9	GLOBAL POSITIONING SATELLITES SPACE AND CONTROL Unjustified request	13,171	10,271 -2,900	-2,900
11	EVOLVED EXPENDABLE LAUNCH CAPABILITY Early to need	768,586	585,586 -183,000	-183,000
12	EVOLVED EXPENDABLE LAUNCH VEHICLE Early to need	737,853	442,853 -295,000	-295,000
16	SPACELIFT RANGE SYSTEM Unjustified request	123,088	121,088 -2,000	-2,000
17	SPARE AND REPAIR PARTS Unjustified request	22,606	20,606 -2,000	-2,000

## PROCUREMENT OF AMMUNITION, AIR FORCE

Fiscal year 2016 appropriation .....	\$1,744,993,000
Fiscal year 2017 budget request .....	1,677,719,000
Committee recommendation .....	1,609,719,000
Change from budget request .....	-68,000,000

The Committee recommends an appropriation of \$1,609,719,000 for Procurement of Ammunition, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
PROCUREMENT OF AMMUNITION, AIR FORCE							
1	PROCUREMENT OF AMMO, AIR FORCE						
	ROCKETS.....	---	18,734	---	18,734	---	---
2	CARTRIDGES.....	---	220,237	---	224,237	---	+4,000
	BOMBS						
3	PRACTICE BOMBS.....	---	97,106	---	97,106	---	---
4	GENERAL PURPOSE BOMBS.....	---	561,561	---	530,561	---	-51,000
5	MASSIVE ORDNANCE PENETRATOR (MOP).....	---	3,600	---	3,600	---	---
6	JOINT DIRECT ATTACK MUNITION.....	12,133	303,988	12,133	297,988	---	-6,000
	FLARE, IR MJU-7B						
7	CAD/PAD.....	---	38,890	---	38,890	---	---
8	EXPLOSIVE ORDNANCE DISPOSAL (EOD).....	---	5,714	---	5,714	---	---
9	SPARES AND REPAIR PARTS.....	---	740	---	740	---	---
10	MODIFICATIONS.....	---	573	---	573	---	---
11	ITEMS LESS THAN \$5,000,000.....	---	5,156	---	5,156	---	---
	FUZES						
12	FLARES.....	---	134,709	---	134,709	---	---
13	FUZES.....	---	229,252	---	214,252	---	-15,000
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE.....		1,640,260		1,572,260		-68,000
WEAPONS							
14	SMALL ARMS.....	---	37,459	---	37,459	---	---
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE.....		1,677,719		1,609,719		-68,000

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

<b>P-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>2 CARTRIDGES</b>	<b>220,237</b>	<b>224,237</b>	<b>4,000</b>
PGU-48 unit cost		-2,000	
PGU-27		6,000	
<b>4 GENERAL PURPOSE BOMBS</b>	<b>581,561</b>	<b>530,561</b>	<b>-51,000</b>
BLU-134 ahead of need		-80,000	
BLU-129 (VLCDW)		29,000	
<b>6 JOINT DIRECT ATTACK MUNITION (JDAM)</b>	<b>303,988</b>	<b>297,988</b>	<b>-6,000</b>
Pricing adjustment for increased quantity		-6,000	
<b>13 FUZES</b>	<b>229,252</b>	<b>214,252</b>	<b>-15,000</b>
Hard target void sensing fuze excess to need		-15,000	

## OTHER PROCUREMENT, AIR FORCE

Fiscal year 2016 appropriation .....	\$18,311,882,000
Fiscal year 2017 budget request .....	17,438,056,000
Committee recommendation .....	17,342,313,000
Change from budget request .....	-95,743,000

The Committee recommends an appropriation of \$17,342,313,000 for Other Procurement, Air Force which will provide the following program in fiscal year 2017:



(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
OTHER PROCUREMENT, AIR FORCE							
VEHICULAR EQUIPMENT							
PASSENGER CARRYING VEHICLES							
1	PASSENGER CARRYING VEHICLE.....	---	14,437	---	14,437	---	---
CARGO + UTILITY VEHICLES							
2	FAMILY MEDIUM TACTICAL VEHICLE.....	---	24,812	---	24,812	---	---
3	CAP VEHICLES.....	---	984	---	1,684	---	+700
4	ITEMS LESS THAN \$5M (CARGO).....	---	11,191	---	11,191	---	---
SPECIAL PURPOSE VEHICLES							
5	SECURITY AND TACTICAL VEHICLES.....	---	5,361	---	5,361	---	---
6	ITEMS LESS THAN \$5M (SPECIAL).....	---	4,623	---	4,623	---	---
FIRE FIGHTING EQUIPMENT							
7	FIRE FIGHTING/CRASH RESCUE VEHICLES.....	---	12,451	---	12,451	---	---
MATERIALS HANDLING EQUIPMENT							
8	ITEMS LESS THAN \$5,000,000.....	---	18,114	---	18,114	---	---
BASE MAINTENANCE SUPPORT							
9	RUNWAY SNOW REMOVAL & CLEANING EQUIP.....	---	2,310	---	2,310	---	---
10	ITEMS LESS THAN \$5M.....	---	46,868	---	46,868	---	---
TOTAL, VEHICULAR EQUIPMENT.....			141,151		141,851		+700
ELECTRONICS AND TELECOMMUNICATIONS EQUIP							
COMM SECURITY EQUIPMENT (COMSEC)							
12	COMSEC EQUIPMENT.....	---	72,359	---	72,359	---	---
INTELLIGENCE PROGRAMS							
14	INTELLIGENCE TRAINING EQUIPMENT.....	---	6,982	---	6,982	---	---
15	INTELLIGENCE COMM EQUIP.....	---	30,504	---	30,504	---	---
ELECTRONICS PROGRAMS							
16	TRAFFIC CONTROL/LANDING.....	---	55,803	---	55,803	---	---
17	NATIONAL AIRSPACE SYSTEM.....	---	2,673	---	2,673	---	---
18	BATTLE CONTROL SYSTEM - FIXED.....	---	5,677	---	5,677	---	---
19	THEATER AIR CONTROL SYS IMPRO.....	---	1,163	---	1,163	---	---
20	WEATHER OBSERVATION FORECAST.....	---	21,667	---	21,667	---	---
21	STRATEGIC COMMAND AND CONTROL.....	---	39,803	---	39,803	---	---
22	CHEYENNE MOUNTAIN COMPLEX.....	---	24,618	---	24,618	---	---
23	MISSION PLANNING SYSTEMS.....	---	15,868	---	15,868	---	---
25	INTEGRATED STRAT PLAN AND ANALY NETWORK (ISPAN).....	---	9,331	---	9,331	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
26 SPECIAL COMM-ELECTRONICS PROJECTS						
GENERAL INFORMATION TECHNOLOGY.....	---	41,779	---	41,779	---	---
27 AF GLOBAL COMMAND & CONTROL SYSTEM.....	---	15,729	---	15,729	---	---
28 MOBILITY COMMAND AND CONTROL.....	---	9,814	---	9,814	---	---
29 AIR FORCE PHYSICAL SECURITY SYSTEM.....	---	99,460	---	99,460	---	---
30 COMBAT TRAINING RANGES.....	---	34,850	---	34,850	---	---
31 MINIMUM ESSENTIAL EMERGENCY COMM N.....	---	198,925	---	198,925	---	---
32 WIDE AREA SURVEILLANCE (WAS).....	---	6,943	---	6,943	---	---
33 C3 COUNTERMEASURES.....	---	19,580	---	14,580	---	-5,000
34 GCSS-AF FOS.....	---	1,743	---	1,743	---	---
36 THEATER BATTLE MGT C2 SYS.....	---	9,659	---	9,659	---	---
37 AIR AND SPACE OPERATIONS CTR-WPM SYSTEM.....	---	15,474	---	15,474	---	---
38 AIR OPERATIONS CENTER (AOC).....	---	30,623	---	6,180	---	-22,443
AIR FORCE COMMUNICATIONS						
39 INFORMATION TRANSPORT SYSTEMS.....	---	40,043	---	40,043	---	---
40 AFNET.....	---	146,897	---	146,897	---	---
41 JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE).....	---	5,182	---	5,182	---	---
42 USCENTCOM.....	---	13,418	---	13,418	---	---

{DOLLARS IN THOUSANDS}

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	QTY AMOUNT	QTY AMOUNT	QTY AMOUNT
ORGANIZATION AND BASE			
52 TACTICAL C-E EQUIPMENT.....	109,836	109,836	
53 RADIO EQUIPMENT.....	16,266	16,266	
54 CCTV/AUDIOVISUAL EQUIPMENT.....	7,449	7,449	
55 BASE COMM INFRASTRUCTURE.....	109,215	109,215	
MODIFICATIONS			
56 COMM ELECT MODS.....	65,700	65,700	
TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP.....	1,285,033	1,257,590	-27,443
OTHER BASE MAINTENANCE AND SUPPORT EQUIP			
PERSONAL SAFETY AND RESCUE EQUIP			
58 ITEMS LESS THAN \$5,000,000 (SAFETY).....	54,416	54,416	
DEPOT PLANT + MATERIALS HANDLING EQ			
59 MECHANIZED MATERIAL HANDLING.....	7,344	7,344	
BASE SUPPORT EQUIPMENT			
60 BASE PROCURED EQUIPMENT.....	6,852	6,852	
63 MOBILITY EQUIPMENT.....	8,146	18,146	+10,000
64 ITEMS LESS THAN \$5M (BASE SUPPORT).....	28,427	28,427	
SPECIAL SUPPORT PROJECTS			
66 DARP RC135.....	25,287	25,287	
67 DISTRIBUTED GROUND SYSTEMS.....	169,201	169,201	
69 SPECIAL UPDATE PROGRAM.....	576,710	576,710	
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP.....	876,383	886,383	+10,000
SPARE AND REPAIR PARTS			
72 SPARES AND REPAIR PARTS.....	15,784	15,784	
CLASSIFIED PROGRAMS.....	15,119,705	15,040,705	-79,000
TOTAL, OTHER PROCUREMENT, AIR FORCE.....	17,438,056	17,342,313	-95,743

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
3 CIVIL AIR PATROL VEHICLES Program Increase	984	1,684 700	700
33 C3 COUNTERMEASURES Unjustified increase	19,580	14,580 -5,000	-5,000
36 AOC 10.2 Fielding	30,623	8,180 -22,443	-22,443
63 MOBILITY EQUIPMENT Program Increase	8,146	18,146 10,000	10,000
999 CLASSIFIED PROGRAMS Classified adjustment	15,119,705	15,040,705 -79,000	-79,000

## PROCUREMENT, DEFENSE-WIDE

Fiscal year 2016 appropriation .....	\$5,245,443,000
Fiscal year 2017 budget request .....	4,524,918,000
Committee recommendation .....	4,649,876,000
Change from budget request .....	+124,958,000

The Committee recommends an appropriation of \$4,649,876,000 for Procurement, Defense-Wide which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST		COMMITTEE RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
PROCUREMENT, DEFENSE-WIDE							
	MAJOR EQUIPMENT						
	MAJOR EQUIPMENT, DCAA						
1	MAJOR EQUIPMENT ITEMS LESS THAN \$5M.....	---	2,964	---	2,964	---	---
	MAJOR EQUIPMENT, DCMA						
2	MAJOR EQUIPMENT.....	---	92	---	92	---	---
	MAJOR EQUIPMENT, DHRA						
3	PERSONNEL ADMINISTRATION.....	---	14,232	---	14,232	---	---
	MAJOR EQUIPMENT, DISA						
7	INFORMATION SYSTEMS SECURITY.....	---	21,347	---	21,347	---	---
8	TELEPORT PROGRAM.....	---	50,597	---	50,597	---	---
9	ITEMS LESS THAN \$5M.....	---	10,420	---	10,420	---	---
10	NET CENTRIC ENTERPRISE SERVICES (NCES).....	---	1,634	---	1,634	---	---
11	DEFENSE INFORMATION SYSTEMS NETWORK.....	---	87,235	---	87,235	---	---
12	CYBER SECURITY INITIATIVE.....	---	4,528	---	4,528	---	---
13	WHITE HOUSE COMMUNICATION AGENCY.....	---	36,846	---	36,846	---	---
14	SENIOR LEADERSHIP ENTERPRISE.....	---	599,391	---	599,391	---	---
15	JOINT INFORMATION ENVIRONMENT.....	---	150,221	---	150,221	---	---
	MAJOR EQUIPMENT, OLA						
16	MAJOR EQUIPMENT.....	---	2,055	---	2,055	---	---
	MAJOR EQUIPMENT, DMACT						
17	A - WEAPON SYSTEM COST.....	4	8,060	4	8,060	---	---
	MAJOR EQUIPMENT, DODEA						
18	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS.....	---	288	---	288	---	---
20	MAJOR EQUIPMENT.....	---	1,057	---	1,057	---	---
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
21	VEHICLES.....	---	200	---	200	---	---
22	OTHER MAJOR EQUIPMENT.....	---	6,437	---	6,437	---	---

(DOLLARS IN THOUSANDS)

		BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
MAJOR EQUIPMENT, NSA							
23	THAAD SYSTEM.....	24	369,608	24	330,344	---	-39,264
24	AEGIS BMD.....	35	463,801	35	463,801	---	---
25	BHDS AN/TPY-2 RADARS.....	---	5,503	---	5,503	---	---
26	ARROW WEAPON SYSTEM.....	---	---	---	120,000	---	+120,000
27	DAVID'S SLING WEAPON SYSTEM.....	---	---	---	150,000	---	+150,000
28	AEGIS ASHORE PHASE III.....	---	57,493	---	57,493	---	---
29	IRON DOME SYSTEM.....	---	42,000	---	62,000	---	+20,000
30	AEGIS BMD HARDWARE AND SOFTWARE.....	---	50,098	---	50,098	---	---
MAJOR EQUIPMENT, NSA							
35	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP).....	---	4,399	---	4,399	---	---
MAJOR EQUIPMENT, OSD							
36	MAJOR EQUIPMENT, OSD.....	39	29,211	39	29,211	---	---
MAJOR EQUIPMENT, TJS							
38	MAJOR EQUIPMENT, TJS.....	---	7,988	---	7,988	---	---
MAJOR EQUIPMENT, WIS							
40	MAJOR EQUIPMENT, WIS.....	---	24,979	---	24,979	---	---
TOTAL, MAJOR EQUIPMENT.....			2,052,884		2,303,420		+250,736
SPECIAL OPERATIONS COMMAND							
AVIATION PROGRAMS							
42	SOF ROTARY WING UPGRADES AND SUSTAINMENT.....	---	150,396	---	150,396	---	---
43	UNMANNED ISR.....	---	21,190	---	21,190	---	---
44	NON-STANDARD AVIATION.....	---	4,905	---	4,905	---	---
46	SOF U-28.....	---	3,970	---	3,970	---	---
	PH-47 CHINOOK.....	---	25,022	---	25,022	---	---
48	CV-22 SOF MODIFICATION.....	---	19,008	---	19,008	---	---
50	HQ-8 UNMANNED AERIAL VEHICLE.....	---	10,598	---	10,598	---	---
52	PRECISION STRIKE PACKAGE.....	---	213,122	---	213,122	---	---
53	AC/MC-130J.....	---	73,548	---	73,548	---	---
54	C-130 MODIFICATIONS.....	---	32,970	---	32,970	---	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST QTY	AMOUNT	COMMITTEE RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
55 SHIPBUILDING UNDERWATER SYSTEMS.....	---	37,098	---	37,098	---	---
56 AMMUNITION PROGRAMS SOF ORDNANCE ITEMS UNDER \$5,000,000.....	---	105,267	---	105,267	---	---
57 OTHER PROCUREMENT PROGRAMS SOF INTELLIGENCE SYSTEMS.....	---	79,963	---	79,963	---	---
58 DCGS-SDF.....	---	13,432	---	13,432	---	---
59 OTHER ITEMS UNDER \$5,000,000.....	---	66,436	---	66,436	---	---
60 SOF COMBATANT CRAFT SYSTEMS.....	---	55,820	---	55,820	---	---
61 SPECIAL PROGRAMS.....	---	107,432	---	107,432	---	---
62 TACTICAL VEHICLES.....	---	67,849	---	67,849	---	---
63 WARRIOR SYSTEMS UNDER \$5,000,000.....	---	245,781	---	245,781	---	---
64 COMBAT MISSION REQUIREMENTS.....	---	19,566	---	19,566	---	---
65 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	---	3,437	---	3,437	---	---
66 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	---	17,299	---	17,299	---	---
68 SOF OPERATIONAL ENHANCEMENTS.....	---	219,945	---	130,545	---	-89,400
TOTAL, SPECIAL OPERATIONS COMMAND.....		1,594,054		1,504,654		-89,400
74 CHEMICAL/BIOLOGICAL DEFENSE CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS.....	---	148,203	---	148,203	---	---
75 CB PROTECTION AND HAZARD MITIGATION.....	---	161,113	---	161,113	---	---
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE.....		309,316		309,316		---
CLASSIFIED PROGRAMS.....	---	568,864	---	532,486	---	-36,378
TOTAL, PROCUREMENT, DEFENSE-WIDE.....		4,524,918		4,649,676		+124,958



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
23	THAAD SYSTEM	369,608	330,344	-39,264
	Training previously funded		-4,104	
	Unit cost growth		-35,160	
26	ARROW WEAPON SYSTEM	0	120,000	120,000
	Program increase		120,000	
27	DAVID'S SLING WEAPON SYSTEM	0	150,000	150,000
	Program increase		150,000	
29	IRON DOME SYSTEM	42,000	62,000	20,000
	Program increase		20,000	
68	SOF OPERATIONAL ENHANCEMENTS	219,945	130,545	-89,400
	Classified adjustment		-89,400	
999	CLASSIFIED PROGRAMS	568,864	532,486	-36,378
	Classified adjustment		-36,378	

## SM-3 BLOCK IB AND IIA INVENTORIES

The Committee is concerned by the continual erosion in quantities programmed across the future years defense program for SM-3 Block IB and SM-3 Block IIA production. After the fiscal year 2015 and 2016 budgets substantially reduced the quantity of SM-3 Block IB interceptors requested, Congress added more than \$340,000,000 to add back 31 interceptors to the production line to maintain an economically efficient production rate. The lack of an inventory objective for this critical missile defense system makes it particularly challenging for the congressional defense committees to assess annual progress towards meeting warfighter requirements. The Committee directs the Director of the Missile Defense Agency, in coordination with the Secretary of the Navy, to establish and report the inventory objective required to satisfy warfighter requirements for the SM-3 Block IB and Block IIA missile as part of the fiscal year 2018 and subsequent budget requests.

## DEFENSE PRODUCTION ACT

Fiscal year 2016 appropriation .....	\$76,680,000
Fiscal year 2017 budget request .....	44,065,000
Committee recommendation .....	74,065,000
Change from budget request .....	+30,000,000

The Committee recommends an appropriation of \$74,065,000 for the Defense Production Act which will provide the following program in fiscal year 2017:

## EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
DEFENSE PRODUCTION ACT PURCHASES .....	44,065	74,065	30,000
Program increase .....		30,000	
TOTAL, DEFENSE PRODUCTION ACT PURCHASES .....	44,065	74,065	30,000

## TITLE IV

### RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The fiscal year 2017 Department of Defense research, development, test and evaluation budget request totals \$71,391,771,000. The Committee recommendation provides \$70,285,388,000 for the research, development, test and evaluation accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
RECAPITULATION			
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	7,515,399	7,857,017	+341,618
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	17,276,301	16,831,290	-445,011
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE...	28,112,251	27,106,851	-1,005,400
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	18,308,826	18,311,236	+2,410
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	178,994	178,994	---
GRAND TOTAL, RDT&E.....	71,391,771	70,285,388	-1,106,383
	=====	=====	=====

## REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Committee directs the Secretary of Defense to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations bill, 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 Committee directs the Under Secretary of Defense (Comptroller) 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 the guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 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 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 SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase "only for" or "only to" in this 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 specifically addressed in the Committee report. These items remain special interest items whether or not they are repeated in a subsequent conference report.

## FUNDING INCREASES

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

## CLASSIFIED ANNEX

Adjustments to the classified programs are addressed in a classified annex accompanying this report.

## JOINT STRIKE FIGHTER FOLLOW-ON DEVELOPMENT

The Committee notes that a recent report by the Government Accountability Office (GAO) found that the cost and character of follow-on development for the F-35 Joint Strike Fighter (JSF), also known as Block 4, would require designation as a Major Defense

Acquisition Program (MDAP) if it were constituted as a separate program rather than being managed within the baseline of the overall JSF program. The GAO found that the current management of follow-on development exposed this effort to greater cost and schedule risk and potentially could confound congressional oversight. The GAO recommended that the Department of Defense manage follow-on development as a separate and distinct MDAP. The Department did not concur with this recommendation on the grounds that existing oversight mechanisms and potential actions, such as an independent cost estimate, would provide sufficient transparency and accountability. The Committee believes that the quality of information provided to the Congress is more important than the formal designation of follow-on development as an MDAP or the bureaucratic foundation that would be required to support its management as such, as long as the Department is able and willing to provide the information needed for congressional oversight. Therefore, the Committee directs the Secretary of Defense to submit, not later than 30 days after the submission of the fiscal year 2018 budget request, a report to the congressional defense committees on JSF follow-on development containing information similar to that provided in a comprehensive annual selected acquisition report, with additional information as necessary to clarify the content, scope, and phasing of the capabilities to be acquired for all variants of the JSF. This report may be submitted with a classified annex if necessary.

#### JOINT STRIKE FIGHTER AUTONOMIC LOGISTICS INFORMATION SYSTEM

The Committee remains concerned with the development of the Autonomic Logistics Information System (ALIS) for the F-35 Joint Strike Fighter (JSF). ALIS has repeatedly been identified by Department of Defense officials, congressional defense committees, and the Government Accountability Office as a major source of both developmental and operational risk for the JSF program. The Committee understands that the F-35 Joint Program Office is in the process of developing a "Technical Roadmap" for ALIS to inform the fiscal year 2018 budget request. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees on the "Technical Roadmap" not later than 30 days following its approval along with the most recent cost estimates for ALIS.

#### JOINT STRIKE FIGHTER TEST AIRCRAFT

The Committee recommendation for Joint Strike Fighter development includes \$251,700,000, the same as the request, to modify operational test aircraft to the Block 3F configuration in support of initial operational test and evaluation (IOT&E). The Committee expects that the Secretary of Defense will allocate aircraft to support both developmental and operational testing consistent with the approved Test and Evaluation Master Plan. The Committee further urges the Secretary of Defense to ensure that necessary modifications to operational test aircraft will be given appropriate priority in the depot flow plan to meet the IOT&E timeline.

**RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY**

Fiscal year 2016 appropriation .....	\$7,565,327,000
Fiscal year 2017 budget request .....	7,515,399,000
Committee recommendation .....	7,857,017,000
Change from budget request .....	+341,618,000

The Committee recommends an appropriation of \$7,857,017,000 for Research, Development, Test and Evaluation, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY			
BASIC RESEARCH			
1 IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	12,381	12,381	---
2 DEFENSE RESEARCH SCIENCES.....	253,116	253,116	---
3 UNIVERSITY RESEARCH INITIATIVES.....	69,166	69,166	---
4 UNIVERSITY AND INDUSTRY RESEARCH CENTERS.....	94,280	99,280	+5,000
TOTAL, BASIC RESEARCH.....	428,943	433,943	+5,000
APPLIED RESEARCH			
5 MATERIALS TECHNOLOGY.....	31,533	51,533	+20,000
6 SENSORS AND ELECTRONIC SURVIVABILITY.....	36,109	36,109	---
7 TRACTOR HIP.....	6,995	6,995	---
8 AVIATION TECHNOLOGY.....	65,914	65,914	---
9 ELECTRONIC WARFARE TECHNOLOGY.....	25,466	35,466	+10,000
10 MISSILE TECHNOLOGY.....	44,313	52,813	+8,500
11 ADVANCED WEAPONS TECHNOLOGY.....	28,803	38,803	+10,000
12 ADVANCED CONCEPTS AND SIMULATION.....	27,688	27,688	---
13 COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY.....	67,959	67,959	---
14 BALLISTICS TECHNOLOGY.....	85,436	85,436	---
15 CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY.....	3,923	3,923	---
16 JOINT SERVICE SMALL ARMS PROGRAM.....	5,545	5,545	---
17 WEAPONS AND MUNITIONS TECHNOLOGY.....	53,581	90,081	+36,500
18 ELECTRONICS AND ELECTRONIC DEVICES.....	56,322	62,322	+6,000
19 NIGHT VISION TECHNOLOGY.....	36,079	36,079	---
20 COUNTERMINE SYSTEMS.....	26,497	26,497	---
21 HUMAN FACTORS ENGINEERING TECHNOLOGY.....	23,671	23,671	---
22 ENVIRONMENTAL QUALITY TECHNOLOGY.....	22,151	22,151	---
23 COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY.....	37,803	37,803	---
24 COMPUTER AND SOFTWARE TECHNOLOGY.....	13,811	13,811	---
25 MILITARY ENGINEERING TECHNOLOGY.....	67,416	67,416	---
26 MANPOWER/PERSONNEL/TRAINING TECHNOLOGY.....	26,045	26,045	---



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
27 WARFIGHTER TECHNOLOGY.....	37,403	48,403	+11,000
28 MEDICAL TECHNOLOGY.....	77,111	79,111	+2,000
TOTAL, APPLIED RESEARCH.....	907,574	1,011,574	+104,000
29 ADVANCED TECHNOLOGY DEVELOPMENT WARFIGHTER ADVANCED TECHNOLOGY.....	38,831	38,831	---
30 MEDICAL ADVANCED TECHNOLOGY.....	68,365	99,365	+31,000
31 AVIATION ADVANCED TECHNOLOGY.....	94,280	112,280	+18,000
32 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY.....	68,714	159,214	+90,500
33 COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.....	122,132	138,132	+16,000
34 SPACE APPLICATION ADVANCED TECHNOLOGY.....	3,904	3,904	---
35 MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY....	14,417	14,417	---
37 TRACTOR HIKE.....	8,074	8,074	---
38 NEXT GENERATION TRAINING & SIMULATION SYSTEMS.....	18,989	18,989	---
39 TRACTOR ROSE.....	11,910	11,910	---
40 COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT.....	27,686	27,686	---
41 TRACTOR NAIL.....	2,340	2,340	---
42 TRACTOR EGGS.....	2,470	2,470	---
43 ELECTRONIC WARFARE TECHNOLOGY.....	27,893	27,893	---
44 MISSILE AND ROCKET ADVANCED TECHNOLOGY.....	52,190	85,690	+33,500
45 TRACTOR CAGE.....	11,107	11,107	---
46 HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.....	177,190	177,190	---
47 LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.....	17,451	17,451	---
48 JOINT SERVICE SMALL ARMS PROGRAM.....	5,839	13,839	+8,000
49 NIGHT VISION ADVANCED TECHNOLOGY.....	44,468	44,468	---
50 ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS.....	11,137	11,137	---
51 MILITARY ENGINEERING ADVANCED TECHNOLOGY.....	20,684	23,684	+3,000
52 ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY..	44,239	44,239	---
53 COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY....	35,775	35,775	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	930,985	1,130,665	+200,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
54 DEMONSTRATION & VALIDATION ARMY MISSILE DEFENSE SYSTEMS INTEGRATION.....	9,433	14,433	+5,000
55 ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE).....	23,056	23,056	---
56 LANDMINE WARFARE AND BARRIER - ADV DEV.....	72,117	72,117	---
57 SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV.....	28,244	28,244	---
58 TANK AND MEDIUM CALIBER AMMUNITION.....	40,096	40,096	---
59 SOLDIER SUPPORT AND SURVIVABILITY.....	10,506	10,506	---
60 TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - AD.....	16,730	15,730	---
61 NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT.....	10,321	10,321	---
62 ENVIRONMENTAL QUALITY TECHNOLOGY.....	7,785	7,785	---
63 NATO RESEARCH AND DEVELOPMENT.....	2,300	2,300	---
64 AVIATION - ADV DEV.....	10,014	10,014	---
65 LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV.....	20,834	20,834	---
66 MEDICAL SYSTEMS - ADV DEV.....	33,503	33,503	---
67 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT.....	31,120	56,120	+25,000
68 ANALYSIS OF ALTERNATIVES.....	6,608	6,608	---
69 LOWER TIER AIR MISSILE DEFENSE (LTAMID) SENSOR.....	35,132	35,132	---
70 TECHNOLOGY MATURATION INITIATIVES.....	70,047	53,047	-17,000
71 ASSURED POSITIONING, NAVIGATION AND TIMING (PNT).....	83,279	83,279	---
73 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT.....	40,510	30,510	-10,000
TOTAL, DEMONSTRATION & VALIDATION.....	550,635	553,635	+3,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
ENGINEERING & MANUFACTURING DEVELOPMENT			
74 AIRCRAFT AVIONICS.....	83,248	104,248	+21,000
75 ELECTRONIC WARFARE DEVELOPMENT.....	34,642	34,642	---
77 MID-TIER NETWORKING VEHICULAR RADIO.....	12,172	12,172	---
78 ALL SOURCE ANALYSIS SYSTEM.....	3,958	11,958	+8,000
79 TRACTOR CAGE.....	12,525	12,525	---
80 INFANTRY SUPPORT WEAPONS.....	66,943	68,443	+1,500
82 JAVELIN.....	20,011	20,011	---
83 FAMILY OF HEAVY TACTICAL VEHICLES.....	11,429	11,429	---
84 AIR TRAFFIC CONTROL.....	3,421	3,421	---
85 TACTICAL UNMANNED GROUND VEHICLE.....	39,282	39,282	---
86 LIGHT TACTICAL WHEELED VEHICLES.....	494	494	---
87 ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV.....	9,678	9,678	---
88 NIGHT VISION SYSTEMS - SDD.....	84,519	84,519	---
89 COMBAT FEEDING, CLOTHING, AND EQUIPMENT.....	2,054	2,054	---
90 NON-SYSTEM TRAINING DEVICES - SDD.....	30,774	30,774	---
91 AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD.....	53,332	68,332	+15,000
92 CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT.....	17,887	17,887	---
93 AUTOMATIC TEST EQUIPMENT DEVELOPMENT.....	8,813	8,813	---
94 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD.....	10,487	10,487	---
95 COMBINED ARMS TACTICAL TRAINER (CATT) CORE.....	15,068	15,068	---
96 BRIGADE ANALYSIS, INTEGRATION AND EVALUATION.....	89,716	89,716	---
97 WEAPONS AND MUNITIONS - SDD.....	80,365	80,365	---
98 LOGISTICS AND ENGINEER EQUIPMENT - SDD.....	75,098	78,198	+3,100
99 COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD.....	4,245	4,245	---
100 MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT...	41,124	41,124	---
101 LANDMINE WARFARE/BARRIER - SDD.....	39,630	39,630	---
102 ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.....	205,590	213,090	+7,500
103 RADAR DEVELOPMENT.....	15,983	15,983	---
104 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS).....	6,805	6,805	---
105 FIREFINDER.....	9,235	9,235	---
106 SOLDIER SYSTEMS - WARRIOR DEM/VAL.....	12,393	12,393	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
107 ARTILLERY SYSTEMS.....	1,756	1,756	---
108 INFORMATION TECHNOLOGY DEVELOPMENT.....	74,236	74,236	---
109 ARMY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM (A-IMH).....	155,584	155,584	---
110 ARMORED MULTI-PURPOSE VEHICLE.....	184,221	184,221	---
111 INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).....	4,980	4,980	---
112 JOINT TACTICAL NETWORK CENTER (JTNC).....	15,041	15,041	---
113 JOINT TACTICAL NETWORK (JTN).....	16,014	16,014	---
114 TRACTOR TIRE.....	27,254	27,254	---
115 GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM - EXPENDITIONARY (GBOSS-E).....	5,032	5,032	---
116 TACTICAL SECURITY SYSTEM (TSS).....	2,904	2,904	---
117 COMMON INFRARED COUNTERMEASURES (CIRCM).....	96,977	96,977	---
118 COMBATING WEAPONS OF MASS DESTRUCTION (CWMD).....	2,089	2,089	---
119 DEFENSIVE CYBER TOOL DEVELOPMENT.....	33,836	33,836	---
120 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER).....	18,824	18,824	---
121 CONTRACT WRITING SYSTEM.....	20,663	20,663	---
122 AIRCRAFT SURVIVABILITY DEVELOPMENT.....	41,133	51,133	+10,000
123 INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1.....	83,995	83,995	---
125 AHF JOINT TACTICAL RADIO SYSTEM.....	5,028	5,028	---
126 JOINT AIR-TO-GROUND MISSILE (JAGM).....	42,972	48,972	+6,000
127 PAC-2/MSE MISSILE.....	252,811	252,811	---
131 NATIONAL CAPABILITIES INTEGRATION.....	4,955	4,955	---
132 JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING.....	11,530	11,530	---
133 AVIATION GROUND SUPPORT EQUIPMENT.....	2,142	2,142	---
134 PALADIN INTEGRATED MANAGEMENT (PIM).....	41,498	41,498	---
135 TROJAN - RH12.....	4,273	4,273	---
136 ELECTRONIC WARFARE DEVELOPMENT.....	14,425	14,425	---
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	2,265,094	2,337,194	+72,100

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
137 RDT&E MANAGEMENT SUPPORT THREAT SIMULATOR DEVELOPMENT.....	25,675	25,675	---
138 TARGET SYSTEMS DEVELOPMENT.....	19,122	19,122	---
139 MAJOR T&E INVESTMENT.....	84,777	56,777	-28,000
140 RAND ARROYO CENTER.....	20,658	20,658	---
141 ARMY KWAJALEIN ATOLL.....	236,648	236,648	---
142 CONCEPTS EXPERIMENTATION PROGRAM.....	25,596	25,596	---
144 ARMY TEST RANGES AND FACILITIES.....	293,748	293,748	---
145 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS.....	52,404	62,404	+10,000
146 SURVIVABILITY/LETHALITY ANALYSIS.....	38,571	38,571	---
147 AIRCRAFT CERTIFICATION.....	4,665	4,665	---
148 METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES.....	6,925	6,925	---
149 MATERIEL SYSTEMS ANALYSIS.....	21,677	21,677	---
150 EXPLOITATION OF FOREIGN ITEMS.....	12,415	12,415	---
151 SUPPORT OF OPERATIONAL TESTING.....	49,684	49,684	---
152 ARMY EVALUATION CENTER.....	55,905	55,905	---
153 ARMY MODELING AND SIMULATION X-CMD COLLABORATION AND INTEG.....	7,959	7,959	---
154 PROGRAMWIDE ACTIVITIES.....	51,822	51,822	---
155 TECHNICAL INFORMATION ACTIVITIES.....	33,323	33,323	---
156 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.....	40,545	50,545	+10,000
157 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT.....	2,130	2,130	---
158 MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT).....	49,885	49,885	---
159 DEFENSE MILITARY DECEPTION INITIATIVE.....	2,000	2,000	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,136,134	1,128,134	-8,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATIONAL SYSTEMS DEVELOPMENT			
161 MLRS PRODUCT IMPROVEMENT PROGRAM.....	9,663	9,663	---
162 TRACTOR PULL.....	3,960	3,960	---
163 ANTI-TAMPER TECHNOLOGY SUPPORT.....	3,636	3,636	---
164 WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.....	14,517	14,517	---
165 TRACTOR SMOKE.....	4,479	4,479	---
166 LONG RANGE PRECISION FIRES (LRPF).....	39,275	39,275	---
167 APACHE PRODUCT IMPROVEMENT PROGRAM.....	66,441	66,441	---
168 BLACKHAWK RECAP/MODERNIZATION.....	46,765	46,765	---
169 CHINOOK HELICOPTER PRODUCT IMPROVEMENT PROGRAM.....	91,848	91,848	---
170 FIXED WING AIRCRAFT.....	796	796	---
171 IMPROVED TURBINE ENGINE PROGRAM.....	126,105	126,105	---
172 EMERGING TECHNOLOGIES FROM NIE.....	2,369	2,369	---
173 LOGISTICS AUTOMATION.....	4,563	4,563	---
174 FAMILY OF BIOMETRICS.....	12,098	12,098	---
175 PATRIOT PRODUCT IMPROVEMENT.....	49,482	49,482	---
176 AEROSTAT JOINT PROJECT OFFICE.....	45,482	11,000	-34,482
178 JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM.....	30,455	30,455	---
179 COMBAT VEHICLE IMPROVEMENT PROGRAMS.....	316,857	316,857	---
180 MANEUVER CONTROL SYSTEM.....	4,031	4,031	---
181 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.....	35,793	35,793	---
182 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	259	259	---
183 DIGITIZATION.....	6,483	6,483	---
184 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM.....	5,122	5,122	---
185 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS.....	7,491	7,491	---
186 TRACTOR CARD.....	20,333	20,333	---
188 MATERIALS HANDLING EQUIPMENT.....	124	124	---
190 LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM.....	69,417	69,417	---
191 GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS).....	22,044	22,044	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
192 JOINT TACTICAL GROUND SYSTEM.....	12,649	12,649	---
194 SECURITY AND INTELLIGENCE ACTIVITIES.....	11,619	11,619	---
195 INFORMATION SYSTEMS SECURITY PROGRAM.....	38,280	38,280	---
196 GLOBAL COMBAT SUPPORT SYSTEM.....	27,223	27,223	---
197 SATCOM GROUND ENVIRONMENT (SPACE).....	18,815	18,815	---
198 WMMCCS/GLOBAL COMMAND AND CONTROL SYSTEM.....	4,718	4,718	---
202 TACTICAL UNMANNED AERIAL VEHICLES.....	8,218	8,218	---
203 AIRBORNE RECONNAISSANCE SYSTEMS.....	11,799	11,799	---
204 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	32,284	32,284	---
205 MQ-1 SKY WARRIOR A UAV (MQ-1C GRAY EAGLE UAS).....	13,470	13,470	---
206 RQ-11 UAV.....	1,613	1,613	---
207 RQ-7 UAV.....	4,597	4,597	---
209 WIN-T INCREMENT 2 - INITIAL NETWORKING.....	4,867	4,867	---
210 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES.....	62,287	62,287	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	740,393	740,393	---
9999 CLASSIFIED PROGRAMS.....	4,625	4,625	---
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.....	7,515,399	7,857,017	+341,618

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

<b>R-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>4 UNIVERSITY AND INDUSTRY RESEARCH CENTERS</b>	<b>94,280</b>	<b>99,280</b>	<b>5,000</b>
Materials in extreme dynamic environments		5,000	
<b>5 MATERIALS TECHNOLOGY</b>	<b>31,533</b>	<b>51,533</b>	<b>20,000</b>
High performance polymers research		20,000	
<b>9 ELECTRONIC WARFARE TECHNOLOGY</b>	<b>25,466</b>	<b>35,466</b>	<b>10,000</b>
Program increase		10,000	
<b>10 MISSILE TECHNOLOGY</b>	<b>44,313</b>	<b>52,813</b>	<b>8,500</b>
Weapon effectiveness in urban engagement		8,500	
<b>11 ADVANCED WEAPONS TECHNOLOGY</b>	<b>28,803</b>	<b>38,803</b>	<b>10,000</b>
Program increase		10,000	
<b>17 WEAPONS AND MUNITIONS TECHNOLOGY</b>	<b>53,581</b>	<b>90,081</b>	<b>36,500</b>
Program increase		18,000	
Guided tank fired round development for high mobility targets		8,500	
Armament systems concepts		5,000	
Hybrid projectile technology		5,000	
<b>18 ELECTRONICS AND ELECTRONIC DEVICES</b>	<b>56,322</b>	<b>62,322</b>	<b>6,000</b>
Tactical and component power technology		2,000	
Payload agnostic unmanned aerial systems		4,000	
<b>27 WARFIGHTER TECHNOLOGY</b>	<b>37,403</b>	<b>48,403</b>	<b>11,000</b>
H88 clothing and equipment		5,000	
Advanced active environmental control technology for expeditionary mobile base		6,000	
<b>28 MEDICAL TECHNOLOGY</b>	<b>77,111</b>	<b>79,111</b>	<b>2,000</b>
Military operational medical research program		2,000	
<b>30 MEDICAL ADVANCED TECHNOLOGY</b>	<b>68,365</b>	<b>99,385</b>	<b>31,000</b>
Peer-reviewed neurotoxin exposure treatment Parkinson's research		16,000	
Peer-reviewed neurofibromatosis research		15,000	
<b>31 AVIATION ADVANCED TECHNOLOGY</b>	<b>94,280</b>	<b>112,280</b>	<b>18,000</b>
Ballistic seating system		7,000	
Future Vertical Lift		11,000	
<b>32 WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY</b>	<b>68,714</b>	<b>159,214</b>	<b>90,500</b>
Program increase		42,000	
Accelerate extended range cannon artillery		20,000	
Laser defense system for small UAS		15,000	
Weapon effectiveness in urban engagement		8,500	
Armament systems integration		5,000	
<b>COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY</b>	<b>122,132</b>	<b>138,132</b>	<b>16,000</b>
Combat vehicle weight reduction initiative		10,000	
Advanced water harvesting technology		6,000	



R-1		Budget Request	Committee Recommended	Change from Request
44	MISSILE AND ROCKET ADVANCED TECHNOLOGY	52,190	55,690	33,500
	Cybersecurity and supply chain risk management research		10,000	
	GPS-guided weapon performance improvement		5,000	
	Next generation close combat missile		8,500	
	Armament systems concepts		5,000	
	Armament systems integration		5,000	
46	JOINT SERVICE SMALL ARMS PROGRAM	5,839	13,839	8,000
	Stryker 30mm programmable air burst ammunition		8,000	
51	MILITARY ENGINEERING ADVANCED TECHNOLOGY	20,684	23,684	3,000
	Secure management of energy generation and storage		3,000	
54	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	9,433	14,433	5,000
	High power microwave analysis and radio frequency platform protection		5,000	
67	SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	31,120	56,120	25,000
	Enhanced lightweight body armor		25,000	
70	TECHNOLOGY MATURATION INITIATIVES	70,047	53,047	-17,000
	Excess growth		-17,000	
	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT			
73		40,510	30,510	-10,000
	Inadequate justification		-10,000	
74	AIRCRAFT AVIONICS	83,248	104,248	21,000
	Assured positioning, navigation, and timing		21,000	
78	ALL SOURCE ANALYSIS SYSTEM	3,958	11,958	8,000
	Program increase		8,000	
80	INFANTRY SUPPORT WEAPONS	66,943	68,443	1,500
	Cannon life extension		1,500	
	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD			
91		53,332	68,332	15,000
	Counter rocket, artillery, and mortar systems		15,000	
98	LOGISTICS AND ENGINEER EQUIPMENT - SDD	75,098	78,198	3,100
	Maneuver Support Vessel-Light contract delay		-8,000	
	Next generation vehicle camouflage technology		11,100	
	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE			
102		205,590	213,090	7,500
	Soldier borne sensor personal reconnaissance technology		7,500	
122	AIRCRAFT SURVIVABILITY DEVELOPMENT	41,133	51,133	10,000
	Modernized radar warning system		10,000	
128	JOINT AIR-TO-GROUND MISSILE (JAGM)	42,972	48,972	6,000
	Improved lethality and range		6,000	
139	MAJOR T&E INVESTMENT	84,777	56,777	-28,000
	Excess growth		-28,000	

R-1	Budget Request	Committee Recommended	Change from Request
ARMY TECHNICAL TEST INSTRUMENTATION AND			
145 TARGETS	52,404	62,404	10,000
Cybersecurity of space and missile defense assets		10,000	
MUNITIONS STANDARDIZATION, EFFECTIVENESS AND			
156 SAFETY	40,545	50,545	10,000
Munitions standardization, effectiveness, and safety		10,000	
176 AEROSTAT JOINT PROJECT OFFICE	45,482	11,000	-34,482
Excess funding due to program cancellation		-34,482	

## WARFIGHTER LETHALITY

The Committee is adamant that in a hostile environment warfighters must enter a conflict with a decisive technical and capability advantage. Due to world events including state aggression, terrorism, and global weapons proliferation, in the report accompanying the House-passed Department of Defense Appropriations Act, 2015, the Committee directed the Secretary of the Army to conduct a study focused on the status of lethal mechanisms such as armament systems, munitions, and missiles. The study identified numerous areas of concern including, but not limited to, the loss of weapons range overmatch, reductions in the use of area weapons, the proliferation of low-cost commercially available unmanned aerial systems, urban scenarios and associated humanitarian concerns, and sub-optimization of weapon acquisition planning. The Committee commends the Secretary of the Army's attention and action on the report's findings and has provided resources for select mitigation activities that can be conducted in the near-term. The Committee directs the Secretary of the Army to establish and advance armament systems integration capability through existing capacity and mechanisms to advance and coordinate armament systems development and effectiveness.

## TECHNOLOGY ADVANCEMENT AND RETENTION CENTER

The Committee believes that automating and optimizing ammunition propellant production processes such as those for solvent-less and spherical propellants and integrating new materials such as consumable structural materials will benefit the Army's manufacture of conventional ammunition. Further, the Committee believes that these processes and materials could play a crucial role in reducing cost, increasing ammunition performance, and enhancing soldier safety. The Committee encourages the Secretary of the Army to equip the national technical industrial base with these manufacturing processes and materials.

## ARMY NET ZERO INDUSTRIAL BASE TECHNOLOGY PROGRAM

The Committee supports the research, development, and demonstration of advanced technologies to increase the Army's ability to address its Net Zero Energy, Water, and Solid Waste Policy and enhance the sustainable operation of its industrial munitions base.

## ENVIRONMENTAL CONTROL UNITS

The Committee recognizes that a significant amount of fuel used at forward operating bases is consumed by environmental control units that keep servicemembers and major electronic systems cool in austere environments. The Committee encourages the Secretary of the Army to consider determining the potential efficiency that could be created through the use of enclosure-sized environmental control units and systems. An evaluation between distributed cooling and legacy approaches to compare the size, weight, power, purchase, and overall operational costs would provide the Army with information that could yield fuel and operational cost savings, as well as more efficient ways to cool servicemembers and electronics.

#### ADVANCED LIGHTWEIGHT MULTIFUNCTIONAL TRANSPARENT ARMOR

The Committee encourages the Secretary of the Army to consider the development of advanced lightweight multifunctional transparent armor material for facial shields, goggles, spectacles, and other solidier protection gear.

#### MULTI-ROLE ARMAMENT SYSTEMS

The Committee notes that the Army's combat vehicle modernization strategy has identified requirements for greater lethality for existing combat vehicles, in developing new platforms, and in maintaining technical superiority. The Army's modification of combat vehicles over the years has resulted in additional protection at the expense of mobility, and lagging increases in lethality. The Committee urges the Secretary of the Army to develop new armament systems for both current and future combat vehicles that will provide lethality overmatch as well as the ability to defeat multiple target sets, active protection systems, and lethal and non-lethal capability within the same weapon system.

#### ACCESS TO CONTESTED AREAS

The Committee notes that many potential adversaries have established anti-access and area denial measures. To facilitate access to contested areas, the Committee encourages the Secretary of the Army to focus on developing capabilities that can be airdropped into contested areas, operated in GPS-denied environments, and that can survive an initial fight until heavier reinforcements become available. The Committee encourages the Secretary of the Army to consider the development of lighter platforms that have the lethality of the Abrams tank but can be airdropped, as well as armed robotic platforms that are deployable with manned platforms.

#### SUBTERRANEAN AND DENSE URBAN COMPLEX ENVIRONMENT

The Army Research Development Engineering Center (ARDEC) is the lead for dense urban warfare materiel solutions and has the responsibility to coordinate and demonstrate materiel solutions that are responsive to warfighting challenges that impede operations. The Committee understands that numerous challenges exist that impede operations and encourages the Director of the ARDEC to adapt existing technologies to subterranean hard target defeat needs, to support experimentation of technologies to disable and neutralize underground facilities and their associated components, and to demonstrate new emerging technologies to enable delivery of effects in dense urban environments.

#### ADVANCED ENERGETICS

The Committee urges the Secretary of the Army to demonstrate, through application of novel manufacturing pilot processes, next generation insensitive energetic materials enabling increased gun-launched munition performance to achieve longer ranges and increased terminal effects against a spectrum of threats.

## DIRECTED ENERGY ARMAMENT SYSTEMS

The Committee understands that the Air Force and the Navy are currently investing in high energy laser directed energy programs. Accordingly, the Army should also consider investing in directed energy capabilities for both combat vehicles and dismounted soldiers. Existing Army work in this area is targeted at high power systems on large ground platforms that lack mobility and may not be available as an organic asset to companies and below, to include dismounted soldiers. The Committee encourages the Secretary of the Army to invest in reducing the size, weight, power, and cost for these directed energy systems and to focus on integrating them into existing or future combat and tactical vehicles, as well as individual soldier weapon systems.

## IMPROVED TURBINE ENGINE PROGRAM

The Committee commends the Army for moving forward with the research and development phase of the Improved Turbine Engine program and encourages the Secretary of the Army to examine options to accelerate the development and fielding of this critical aviation modernization program.

## ACTIVE RESPONSE TO UNDERBODY EXPLOSIONS

The Committee is aware of the development of technology to detect and autonomously respond to vehicle underbody explosive incidents with an active real-time response to counter vehicle flight, and to reduce the physical effects on vehicle occupants through a cooperative research and development agreement between industry and the Army. The Committee directs the Secretary of the Army to continue testing this technology, including with the use of explosive testing, through available funds, and to submit a report to the congressional defense committees not later than March 31, 2017 on the progress and results of these tests.

## BALLISTIC RESISTANT ADAPTIVE SEATING SYSTEM

The Committee understands that helicopter pilots and aircrew members have reported back pain and increased fatigue while flying, which reduces their effectiveness and affects safety. Additionally, with more military specialties open to females, a number of pilots are flying in seats that do not fit their physical geometry. Therefore, the Committee recommendation provides \$7,000,000 above the request for the Ballistic Resistant Adaptive Seating System program in order to accelerate prototype fabrication and destructive testing of adaptive seats.

## TECHNOLOGIES TO DELAY RIPENING

The Committee is aware of the development of entirely natural food applications that can be kept at room temperature, thereby negating the need for refrigeration. This technology can help extend the ripening process and shelf-life of combat rations for servicemembers, thereby controlling cost and improving quality. The Committee encourages the Secretary of the Army to continue to invest in this technology.

## MATERIALS AND METALS PROCESSING SCIENCE AND ENGINEERING

The Committee supports continued expansion of the Army Research Laboratory's (ARL) efforts in research, education, and technology development in materials and metals processing science and engineering. These investments have the potential to accelerate transformation of the affordability, performance, and environmental sustainability of strategic materials vital to national security. The Committee values ARL's recent expansion of its open campus concept to materials and manufacturing science laboratories and encourages such collaborations with the academic community and industry.

## LIGHTWEIGHT COMBAT VEHICLE COMPONENTS

The Committee acknowledges that incorporating alternative materials into combat vehicle components may offer an opportunity to significantly reduce the weight of the vehicle, thereby extending the service life of the vehicle. The Committee encourages the Commanding General of the United States Army Tank Automotive Research, Development and Engineering Center to continue to test, develop, and field components that can reduce vehicle weight, reduce fuel consumption, increase payload capacity, and extend service life.

## SILICON CARBIDE POWER ELECTRONICS

The Committee supports the Army's investment to advance power and energy technology to meet requirements for higher electric power loads at forward operating bases through efficient generators, to extend silent watch capabilities for ground vehicles, and to improve vehicle performance. Silicon carbide power modules may be an enabling technology that meets Army requirements for power distribution and management for generator and battery systems. The Committee urges the Secretary of the Army to support demonstration and deployment of silicon carbide power electronics.

## PROTECTED SATELLITE COMMUNICATIONS CAPABILITY

The Committee understands that the Army is pursuing a protected satellite communications (SATCOM) capability and that an interim software-only solution could be implemented with wide-band global SATCOM system certification within two years. The Committee is concerned the fiscal year 2017 budget request may not be sufficient to maintain the current program execution plan over the future years defense program. Lack of sufficient funding could derail required hardware and software efforts and hinder near-term progress on an anti-jam solution. Therefore, the Committee directs the Secretary of the Army to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act on the technical and budgetary feasibility for continuing this effort, including an assessment of the capability in enterprise and tactical communications networks. Furthermore, the Secretary is urged to consider prioritizing funding for these capabilities in future budgets.

## ADVANCED MULTI-PURPOSE VEHICLE

The Committee recognizes the priority that the Army is placing on the Advanced Multi-Purpose Vehicle (AMPV) program and fully supports the fiscal year 2017 budget request of \$184,200,000 to move forward with prototype testing. Given the importance of the AMPV program, the total estimated program cost of \$10,200,000,000, and the Army's troubled acquisition record in new start modernization programs, the Committee directs the Secretary of the Army to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act, and quarterly thereafter, with updates on cost and schedule metrics and the vehicle's performance in meeting established performance requirements.

## SCIENCE AND TECHNOLOGY REINVENTION LABORATORIES

The Committee acknowledges the unique, valuable contributions of the Department of Defense Science and Technology Reinvention Laboratories (STRL) to the national technology base. As such, the Committee believes that each STRL must be able to accept and execute funding from other STRLs, Department of Defense organizations, government agencies, industry, and academia.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Fiscal year 2016 appropriation .....	\$18,117,677,000
Fiscal year 2017 budget request .....	17,276,301,000
Committee recommendation .....	16,831,290,000
Change from budget request .....	-445,011,000

The Committee recommends an appropriation of \$16,831,290,000 for Research, Development, Test and Evaluation, Navy which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY			
BASIC RESEARCH			
1 UNIVERSITY RESEARCH INITIATIVES.....	101,714	101,714	---
2 IN-HOUSE LABORATORY INDEPENDENT RESEARCH.....	18,508	18,508	---
3 DEFENSE RESEARCH SCIENCES.....	422,748	422,748	---
TOTAL, BASIC RESEARCH.....	542,970	542,970	---
APPLIED RESEARCH			
4 POWER PROJECTION APPLIED RESEARCH.....	41,371	41,371	---
5 FORCE PROTECTION APPLIED RESEARCH.....	158,745	166,745	+8,000
6 MARINE CORPS LANDING FORCE TECHNOLOGY.....	51,590	49,765	-1,825
7 COMMON PICTURE APPLIED RESEARCH.....	41,185	41,185	---
8 WARFIGHTER SUSTAINMENT APPLIED RESEARCH.....	45,467	45,467	---
9 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH.....	118,941	119,441	+500
10 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH.....	42,618	81,818	+39,000
11 JOINT NON-LETHAL WEAPONS APPLIED RESEARCH.....	6,327	6,327	---
12 UNDERSEA WARFARE APPLIED RESEARCH.....	126,313	126,313	---
13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH.....	165,103	157,103	-8,000
14 MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH.....	33,916	33,916	---
15 SCIENCE AND TECHNOLOGY MANAGEMENT - ONR HEADQUARTERS....	29,575	29,575	---
TOTAL, APPLIED RESEARCH.....	861,151	898,826	+37,675



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
ADVANCED TECHNOLOGY DEVELOPMENT			
16 POWER PROJECTION ADVANCED TECHNOLOGY.....	96,406	76,606	-19,800
17 FORCE PROTECTION ADVANCED TECHNOLOGY.....	48,438	45,338	-3,100
18 ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY.....	26,421	26,421	---
19 MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)....	140,416	140,416	---
20 JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.....	13,117	13,117	---
21 FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV.....	249,092	252,092	+3,000
22 MANUFACTURING TECHNOLOGY PROGRAM.....	56,712	56,712	---
23 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY.....	4,789	40,789	+36,000
24 UNDERSEA WARFARE ADVANCED TECHNOLOGY.....	25,880	25,880	---
25 NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.....	60,550	59,550	-1,000
26 MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.....	15,167	11,167	-4,000
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	736,988	748,088	+11,100
DEMONSTRATION & VALIDATION			
27 AIR/OCEAN TACTICAL APPLICATIONS.....	48,536	42,718	-5,818
28 AVIATION SURVIVABILITY.....	5,239	5,239	---
30 AIRCRAFT SYSTEMS.....	1,519	1,519	---
31 ASW SYSTEMS DEVELOPMENT.....	7,041	7,041	---
32 TACTICAL AIRBORNE RECONNAISSANCE.....	3,274	3,274	---
33 ADVANCED COMBAT SYSTEMS TECHNOLOGY.....	57,034	15,496	-41,538
34 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.....	165,775	141,569	-24,206
35 SURFACE SHIP TORPEDO DEFENSE.....	87,086	71,553	-15,513
36 CARRIER SYSTEMS DEVELOPMENT.....	7,605	7,605	---
37 PILOT FISH.....	132,068	132,068	---
38 RETRACT LARCH.....	14,546	14,546	---
39 RETRACT JUNIPER.....	115,435	115,435	---
40 RADIOLOGICAL CONTROL.....	702	702	---
41 SURFACE ASW.....	1,081	1,081	---
42 ADVANCED SUBMARINE SYSTEM DEVELOPMENT.....	100,565	93,023	-7,542
43 SUBMARINE TACTICAL WARFARE SYSTEMS.....	8,782	8,782	---
44 SHIP CONCEPT ADVANCED DESIGN.....	14,580	12,090	-2,500
45 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES.....	15,805	9,636	-6,169
46 ADVANCED NUCLEAR POWER SYSTEMS.....	453,313	453,313	---
47 ADVANCED SURFACE MACHINERY SYSTEMS.....	36,655	26,858	-9,797

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
48 CHALK EAGLE.....	367,016	367,016	---
49 LITTORAL COMBAT SHIP (LCS).....	51,630	61,630	+10,000
50 COMBAT SYSTEM INTEGRATION.....	23,530	23,530	---
51 OHIO REPLACEMENT PROGRAM.....	700,811	700,811	---
52 LITTORAL COMBAT SHIP (LCS) MISSION MODULES.....	160,058	151,608	-8,450
53 AUTOMATED TEST AND RE-TEST.....	---	15,000	+15,000
54 FRIGATE DEVELOPMENT.....	84,900	81,900	-3,000
55 CONVENTIONAL MUNITIONS.....	8,342	8,342	---
56 MARINE CORPS ASSAULT VEHICLES.....	158,682	138,762	-19,920
57 MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM.....	1,303	1,303	---
58 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	46,911	40,131	-6,780
59 COOPERATIVE ENGAGEMENT.....	---	---	---
60 OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT.....	4,556	4,556	---
61 ENVIRONMENTAL PROTECTION.....	20,343	19,121	-1,222
62 NAVY ENERGY PROGRAM.....	52,479	50,468	-2,011
63 FACILITIES IMPROVEMENT.....	5,458	5,458	---
64 CHALK CORAL.....	245,860	245,860	---
65 NAVY LOGISTIC PRODUCTIVITY.....	3,089	3,089	---
66 RETRACT MAPLE.....	323,526	314,776	-8,750
67 LINK PLUMERIA.....	318,497	318,497	---
68 RETRACT ELM.....	52,834	52,834	---
69 LINK EVERGREEN.....	48,116	48,116	---
70 SPECIAL PROCESSES.....	13,619	13,619	---
71 NATO RESEARCH AND DEVELOPMENT.....	9,867	8,567	-1,300
72 LAND ATTACK TECHNOLOGY.....	6,015	6,015	---
73 JOINT NONLETHAL WEAPONS TESTING.....	27,904	27,904	---
74 JOINT PRECISION APPROACH AND LANDING SYSTEMS.....	104,144	102,722	-1,422
75 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS.....	32,700	32,700	---
76 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER.....	70,528	58,744	-11,784
77 REMOTE MINEHUNTING SYSTEM (RMS).....	3,001	3,001	---
78 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES.....	34,920	26,920	-8,000
80 MH-XX.....	1,620	1,620	---
81 LX (R).....	6,354	6,354	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
82 ADVANCED UNDERSEA PROTOTYPING.....	78,589	18,589	-60,000
84 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM.....	9,910	9,910	---
85 SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE....	23,971	16,401	-7,570
86 OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT.....	252,409	240,305	-12,104
87 JOINT LIGHT TACTICAL VEHICLE ENGINEERING/MANUFACTURING..	23,197	9,397	-13,800
88 ASW SYSTEMS DEVELOPMENT - NIP.....	9,110	9,110	---
89 ELECTRONIC WARFARE DEVELOPMENT - NIP.....	437	437	---
TOTAL, DEMONSTRATION & VALIDATION.....	4,662,887	4,408,671	-254,196
ENGINEERING & MANUFACTURING DEVELOPMENT			
90 TRAINING SYSTEM AIRCRAFT.....	19,938	17,938	-2,000
91 OTHER HELO DEVELOPMENT.....	6,268	5,968	-300
92 AV-8B AIRCRAFT - ENG DEV.....	33,664	32,664	-1,000
93 STANDARDS DEVELOPMENT.....	1,300	1,300	---
94 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT.....	5,275	5,275	---
95 AIR/OCEAN EQUIPMENT ENGINEERING.....	3,875	3,875	---
96 P-3 MODERNIZATION PROGRAM.....	1,909	1,909	---
97 WARFARE SUPPORT SYSTEM.....	13,237	11,537	-1,700
98 TACTICAL COMMAND SYSTEM.....	36,323	36,323	---
99 ADVANCED HAMKEYE.....	363,792	311,947	-51,845
100 H-1 UPGRADES.....	27,441	27,441	---
101 ACOUSTIC SEARCH SENSORS.....	34,525	29,525	-5,000
102 V-22A.....	174,423	156,197	-18,226
103 AIR CREW SYSTEMS DEVELOPMENT.....	13,577	13,577	---
104 EA-18.....	116,761	89,718	-27,043
105 ELECTRONIC WARFARE DEVELOPMENT.....	48,766	39,378	-9,388
106 EXECUTIVE HELO DEVELOPMENT.....	338,357	338,357	---
107 NEXT GENERATION JAMMER (NGJ).....	577,822	545,822	-32,000
108 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY).....	2,365	2,365	---
109 NEXT GENERATION JAMMER (NGJ) INCREMENT II.....	52,065	42,065	-10,000
110 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING.....	282,764	275,764	-7,000
111 LPD-17 CLASS SYSTEMS INTEGRATION.....	580	580	---
112 SMALL DIAMETER BOMB (SDB).....	97,622	91,622	-6,000
113 STANDARD MISSILE IMPROVEMENTS.....	120,561	105,561	-15,000
114 AIRBORNE MCM.....	45,622	35,494	-10,128

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
116 NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG...	25,750	25,750	---
118 ADVANCED ABOVE WATER SENSORS.....	85,868	64,243	-21,625
119 SSN-688 AND TRIDENT MODERNIZATION.....	117,476	116,476	-1,000
120 AIR CONTROL.....	47,404	44,858	-2,546
121 SHIPBOARD AVIATION SYSTEMS.....	112,158	103,158	-9,000
122 COMBAT INFORMATION CENTER CONVERSION.....	6,283	6,283	---
123 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM.....	144,395	144,395	---
124 NEW DESIGN SSN.....	113,013	123,013	+10,000
125 SUBMARINE TACTICAL WARFARE SYSTEM.....	43,160	52,160	+9,000
126 SHIP CONTRACT DESIGN/LIVE FIRE T&E.....	65,002	55,752	-9,250
127 NAVY TACTICAL COMPUTER RESOURCES.....	3,098	3,098	---
128 VIRGINIA PAYLOAD MODULE (VPM).....	97,920	97,920	---
129 MINE DEVELOPMENT.....	10,490	10,490	---
130 LIGHTWEIGHT TORPEDO DEVELOPMENT.....	20,178	30,178	+10,000
131 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	7,369	7,369	---
132 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS.....	4,995	4,995	---
133 JOINT STANDOFF WEAPON SYSTEMS.....	412	412	---
134 SHIP SELF DEFENSE (DETECT & CONTROL).....	134,619	134,619	---
135 SHIP SELF DEFENSE (ENGAGE: HARD KILL).....	114,475	103,875	-10,600
136 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW).....	114,211	108,889	-5,322
137 INTELLIGENCE ENGINEERING.....	11,029	6,029	-5,000
138 MEDICAL DEVELOPMENT.....	9,220	25,220	+16,000
139 NAVIGATION/ID SYSTEM.....	42,723	36,723	-6,000
140 JOINT STRIKE FIGHTER (JSF) - EMD.....	531,428	531,426	---
141 JOINT STRIKE FIGHTER (JSF).....	528,716	528,716	---
142 JSF FOLLOW ON DEVELOPMENT-MARINE CORPS.....	74,227	71,977	-2,250
143 JSF FOLLOW ON DEVELOPMENT-NAVY.....	63,387	61,137	-2,250
144 INFORMATION TECHNOLOGY DEVELOPMENT.....	4,856	4,856	---
145 INFORMATION TECHNOLOGY DEVELOPMENT.....	97,066	85,396	-11,670
146 ANTI-TAMPER TECHNOLOGY SUPPORT.....	2,500	---	-2,500
147 CH-53K.....	404,810	373,297	-31,513
148 MISSION PLANNING.....	33,570	33,570	---
149 COMMON AVIONICS.....	51,599	41,678	-9,921

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
150 SHIP TO SHORE CONNECTOR (SSC).....	11,088	11,088	---
151 T-AO (X).....	1,095	1,095	---
152 CARRIER BASED AERIAL REFUELING SYSTEM (CBARS).....	89,000	76,422	-12,578
153 JOINT AIR-TO-GROUND MISSILE (JAGM).....	17,880	17,880	---
154 MULTI-MISSION MARITIME AIRCRAFT (MMA).....	59,126	59,201	+75
155 MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3.....	182,220	182,220	-30,000
156 DDG-1000.....	45,642	45,642	---
159 TACTICAL COMMAND SYSTEM - NIP.....	676	676	---
160 TACTICAL CRYPTOLOGIC SYSTEMS.....	36,747	34,047	-2,700
161 SPECIAL APPLICATIONS PROGRAM.....	35,002	35,002	---
162 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	4,942	2,442	-2,500
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	6,025,655	5,695,875	-329,780
RDT&E MANAGEMENT SUPPORT			
163 THREAT SIMULATOR DEVELOPMENT.....	16,633	16,633	---
164 TARGET SYSTEMS DEVELOPMENT.....	36,662	36,662	---
165 MAJOR T&E INVESTMENT.....	42,109	52,109	+10,000
166 JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION.....	2,998	2,998	---
167 STUDIES AND ANALYSIS SUPPORT - NAVY.....	3,931	3,931	---
168 CENTER FOR NAVAL ANALYSES.....	46,634	46,634	---
169 NEXT GENERATION FIGHTER.....	1,200	1,200	---
171 TECHNICAL INFORMATION SERVICES.....	903	903	---
172 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT.....	87,077	100,077	+13,000
173 STRATEGIC TECHNICAL SUPPORT.....	3,597	3,597	---
174 RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT.....	62,811	62,811	---
175 RDT&E SHIP AND AIRCRAFT SUPPORT.....	106,093	106,093	---
176 TEST AND EVALUATION SUPPORT.....	349,146	349,146	---
177 OPERATIONAL TEST AND EVALUATION CAPABILITY.....	18,160	18,160	---
178 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT.....	9,658	9,658	---
179 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT.....	6,500	6,500	---
180 MARINE CORPS PROGRAM WIDE SUPPORT.....	22,247	19,766	-2,481
181 MANAGEMENT HEADQUARTERS - R&D.....	16,254	16,254	---
182 WARFARE INNOVATION MANAGEMENT.....	21,123	15,423	-5,700
TOTAL, RDT&E MANAGEMENT SUPPORT.....	853,736	868,555	+14,819

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
188 OPERATIONAL SYSTEMS DEVELOPMENT			
COOPERATIVE ENGAGEMENT CAPABILITY (CEC).....	84,501	77,001	-7,500
189 DEPLOYABLE JOINT COMMAND AND CONTROL.....	2,970	2,970	---
190 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT.....	136,556	131,056	-5,500
191 SSBN SECURITY TECHNOLOGY PROGRAM.....	33,845	33,845	---
192 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT.....	9,329	9,329	---
193 NAVY STRATEGIC COMMUNICATIONS.....	17,218	17,218	---
195 F/A-18 SQUADRONS.....	189,125	148,151	-40,974
196 FLEET TELECOMMUNICATIONS (TACTICAL).....	48,225	48,225	---
197 SURFACE SUPPORT.....	21,156	21,156	---
198 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)....	71,355	58,016	-13,339
199 INTEGRATED SURVEILLANCE SYSTEM.....	58,542	44,042	-14,500
200 AMPHIBIOUS TACTICAL SUPPORT UNITS.....	13,929	13,929	---
201 GROUND/AIR TASK ORIENTED RADAR.....	83,538	78,538	-5,000
202 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT.....	38,593	36,343	-2,250
203 CRYPTOLOGIC DIRECT SUPPORT.....	1,122	1,122	---
204 ELECTRONIC WARFARE (EW) READINESS SUPPORT.....	99,998	83,292	-16,706
205 HARM IMPROVEMENT.....	49,835	43,835	-4,800
206 TACTICAL DATA LINKS.....	124,785	124,785	---
207 SURFACE ASW COMBAT SYSTEM INTEGRATION.....	24,583	24,583	---
208 MK-48 ADCAP.....	39,134	49,134	+10,000
209 AVIATION IMPROVEMENTS.....	120,861	112,382	-8,479
210 OPERATIONAL NUCLEAR POWER SYSTEMS.....	101,786	101,786	---
211 MARINE CORPS COMMUNICATIONS SYSTEMS.....	82,159	80,399	-1,760
212 COMMON AVIATION COMMAND AND CONTROL SYSTEM .....	11,850	8,976	-2,874
213 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS.....	47,877	47,877	---
214 MARINE CORPS COMBAT SERVICES SUPPORT.....	13,184	11,700	-1,484
215 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP).....	17,171	17,171	---
216 AMPHIBIOUS ASSAULT VEHICLE.....	38,020	38,020	---
217 TACTICAL AIM MISSILES.....	56,285	56,285	---
218 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	40,350	40,350	---
219 GLOBAL COMBAT SUPPORT SYSTEM - MARINE CORPS (GCSS-MC)...	9,128	9,128	---
223 SATELLITE COMMUNICATIONS (SPACE).....	37,372	32,116	-5,256

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
224 CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES.....	23,541	23,541	---
225 INFORMATION SYSTEMS SECURITY PROGRAM.....	38,510	33,310	-5,200
228 JOINT MILITARY INTELLIGENCE PROGRAMS.....	6,019	6,019	---
229 TACTICAL UNMANNED AERIAL VEHICLES.....	8,436	8,436	---
230 UAS INTEGRATION AND INTEROPERABILITY.....	36,509	33,509	-3,000
231 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS.....	2,100	2,100	---
232 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS.....	44,571	44,571	---
233 MQ-4C TRITON.....	111,729	111,729	---
234 MQ-8 UAV.....	26,518	17,323	-9,195
235 RQ-11 UAV.....	418	---	-418
236 RQ-7 UAV.....	716	---	-716
237 SMALL (LEVEL 0) TACTICAL UAS (STUASLO).....	5,071	5,071	---
238 RQ-21A.....	9,497	8,379	-1,118
239 MULTI-INTELLIGENCE SENSOR DEVELOPMENT.....	77,965	57,965	-20,000
240 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (NIP).....	11,181	11,181	---
241 RQ-4 MODERNIZATION.....	181,266	178,716	-2,550
242 MODELING AND SIMULATION SUPPORT.....	4,709	4,709	---
243 DEPOT MAINTENANCE (NON-IF).....	49,322	49,322	---
245 MARITIME TECHNOLOGY (MARITECH).....	3,204	3,204	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	2,364,474	2,201,845	-162,629
9999 CLASSIFIED PROGRAMS.....	1,228,460	1,466,460	+238,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.....	17,276,301	16,831,290	-445,011

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

<b>R-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>5 FORCE PROTECTION APPLIED RESEARCH</b>	<b>158,745</b>	<b>166,745</b>	<b>8,000</b>
Program increase		5,000	
Program increase - battery storage and safety		3,000	
<b>6 MARINE CORPS LANDING FORCE TECHNOLOGY</b>	<b>51,590</b>	<b>49,765</b>	<b>-1,825</b>
Littoral combat/power projection unjustified growth		-1,825	
<b>9 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH</b>	<b>118,941</b>	<b>119,441</b>	<b>500</b>
Electronic warfare technology previously funded efforts		-2,000	
NEMESIS innovative naval prototype unjustified growth		-1,500	
Program increase - conformal phased array antenna research		4,000	
<b>OCEAN WARFIGHTING ENVIRONMENT APPLIED</b>			
<b>10 RESEARCH</b>	<b>42,618</b>	<b>81,618</b>	<b>39,000</b>
Program increase - AGOR mid-life refit		30,000	
Program increase - naval special warfare maritime science and technology		5,000	
Program increase - space-based monitoring in the arctic basin		4,000	
<b>13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH</b>	<b>165,103</b>	<b>157,103</b>	<b>-8,000</b>
FORCENET excess growth		-5,000	
Power and energy previously funded efforts		-2,000	
Sea shield previously funded efforts		-1,000	
<b>16 POWER PROJECTION ADVANCED TECHNOLOGY</b>	<b>96,406</b>	<b>76,606</b>	<b>-19,800</b>
Precision strike technology excess growth		-19,800	
<b>17 FORCE PROTECTION ADVANCED TECHNOLOGY</b>	<b>48,438</b>	<b>45,338</b>	<b>-3,100</b>
Aircraft technology excess growth		-3,100	
<b>FUTURE NAVAL CAPABILITIES ADVANCED</b>			
<b>21 TECHNOLOGY DEV</b>	<b>249,092</b>	<b>252,092</b>	<b>3,000</b>
Power and energy previously funded efforts		-2,000	
Sea shield previously funded efforts		-2,000	
Program increase - ASW research		7,000	
<b>23 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY</b>	<b>4,789</b>	<b>40,789</b>	<b>36,000</b>
Program increase - bone marrow registry program		31,500	
Tactical athlete program - transfer from OM,DIV		4,500	
<b>NAVY WARFIGHTING EXPERIMENTS AND</b>			
<b>25 DEMONSTRATIONS</b>	<b>60,550</b>	<b>59,550</b>	<b>-1,000</b>
Operations analysis unjustified growth		-1,000	
<b>MINE AND EXPEDITIONARY WARFARE ADVANCED</b>			
<b>26 TECHNOLOGY</b>	<b>15,167</b>	<b>11,167</b>	<b>-4,000</b>
Mine technology excess growth		-4,000	
<b>27 AIR/OCEAN TACTICAL APPLICATIONS</b>	<b>48,536</b>	<b>42,718</b>	<b>-5,818</b>
Naval integrated tactical environmental system next generation excess growth		-3,000	
Precise timing and astrometry contract delays		-2,818	



R-1	Budget Request	Committee Recommended	Change from Request
<b>33 ADVANCED COMBAT SYSTEMS TECHNOLOGY</b>	<b>57,034</b>	<b>15,496</b>	<b>-41,538</b>
Rapid prototype development excess growth		-30,267	
Unmanned rapid prototype development excess growth		-11,271	
<b>SURFACE AND SHALLOW WATER MINE</b>			
<b>34 COUNTERMEASURES</b>	<b>165,775</b>	<b>141,569</b>	<b>-24,206</b>
USV with AQS-20 product development excess growth		-5,750	
USV with AQS-20 support excess growth		-1,177	
LDUUV product development excess growth		-15,279	
LDUUV support excess growth		-2,000	
<b>35 SURFACE SHIP TORPEDO DEFENSE</b>	<b>87,066</b>	<b>71,553</b>	<b>-15,513</b>
Long lead material early to need		-15,513	
<b>42 ADVANCED SUBMARINE SYSTEM DEVELOPMENT</b>	<b>100,565</b>	<b>93,023</b>	<b>-7,542</b>
Flank array demonstration unjustified growth		-450	
Stealth product development excess growth		-2,500	
Universal launch and recovery module excess growth		-4,592	
<b>44 SHIP CONCEPT ADVANCED DESIGN</b>	<b>14,590</b>	<b>12,090</b>	<b>-2,500</b>
Cybersecurity technologies prior year carryover		-2,500	
<b>45 SHIP PRELIMINARY DESIGN &amp; FEASIBILITY STUDIES</b>	<b>15,805</b>	<b>9,636</b>	<b>-6,169</b>
Shipboard energy conservation excess growth		-6,169	
<b>47 ADVANCED SURFACE MACHINERY SYSTEMS</b>	<b>36,655</b>	<b>26,858</b>	<b>-9,797</b>
Energy efficiency previously funded efforts		-1,797	
Cybersecurity boundary defense capability excess growth		-8,000	
<b>49 LITTORAL COMBAT SHIP (LCS)</b>	<b>51,630</b>	<b>61,630</b>	<b>10,000</b>
Program increase - small business technology insertion		10,000	
<b>52 LITTORAL COMBAT SHIP (LCS) MISSION MODULES</b>	<b>160,058</b>	<b>151,608</b>	<b>-8,450</b>
System test and evaluation prior year carryover		-6,450	
Mine countermeasures mission package terminated program		-2,000	
<b>53 AUTOMATED TEST AND RE-TEST</b>	<b>0</b>	<b>15,000</b>	<b>15,000</b>
Program increase		15,000	
<b>54 FRIGATE DEVELOPMENT</b>	<b>84,900</b>	<b>81,900</b>	<b>-3,000</b>
Support excess growth		-3,000	
<b>56 MARINE CORPS ASSAULT VEHICLES</b>	<b>158,682</b>	<b>138,762</b>	<b>-19,920</b>
Product development prior year carryover		-19,920	
<b>JOINT SERVICE EXPLOSIVE ORDNANCE</b>			
<b>58 DEVELOPMENT</b>	<b>46,911</b>	<b>40,131</b>	<b>-6,780</b>
EOD robotics increment 2 early to need		-2,000	
VSW MCM next generation UUV early to need		-4,780	
<b>61 ENVIRONMENTAL PROTECTION</b>	<b>20,343</b>	<b>19,121</b>	<b>-1,222</b>
Environmental sustainability development excess growth		-1,222	
<b>62 NAVY ENERGY PROGRAM</b>	<b>52,479</b>	<b>50,468</b>	<b>-2,011</b>
Hull hydrodynamic sub project prior year carryover		-411	
Aircraft energy conservation systems engineering prior year carryover		-1,600	

R-1	Budget Request	Committee Recommended	Change from Request
66 RETRACT MAPLE Program reduction	323,528	314,776 -8,750	-8,750
74 NATO RESEARCH AND DEVELOPMENT Cooperative research and development unjustified growth	9,867	8,567 -1,300	-1,300
74 JOINT PRECISION APPROACH AND LANDING SYSTEMS UCLASS test support unjustified request	104,144	102,722 -1,422	-1,422
GERALD R. FORD CLASS NUCLEAR AIRCRAFT			
76 CARRIER EMALS unjustified growth	70,528	58,744 -11,784	-11,784
TACTICAL AIR DIRECTIONAL INFRARED			
78 COUNTERMEASURES CIRCM schedule delays	34,820	26,920 -8,000	-8,000
82 ADVANCED UNDERSEA PROTOTYPING Excess growth	75,589	18,589 -60,000	-60,000
SPACE & ELECTRONIC WARFARE (SEW)			
85 ARCHITECTURE/ENGINEERING SUPPORT Systems engineering standards and processes excess growth Maritime concept generation and development excess growth	23,971	16,401 -4,250 -3,320	-7,570
OFFENSIVE ANTI-SURFACE WARFARE WEAPON			
86 DEVELOPMENT Product development prior year carryover Increment II early to need	252,409	240,305 -10,086 -2,038	-12,104
JOINT LIGHT TACTICAL VEHICLE			
87 ENGINEERING/MANUFACTURING Prior year carryover	23,197	9,397 -13,800	-13,800
90 TRAINING SYSTEM AIRCRAFT T-45 schedule delays	19,938	17,938 -2,000	-2,000
91 OTHER HELO DEVELOPMENT H-53 avionics previously funded	6,268	5,968 -300	-300
92 AV-8B AIRCRAFT - ENG DEV Support carryover	33,664	32,664 -1,000	-1,000
97 WARFARE SUPPORT SYSTEM Navy irregular warfare excess growth	13,237	11,537 -1,700	-1,700
99 ADVANCED HAWKEYE Mode S/S previously funded New start efforts excess growth ALQ-217 upgrade - defer new start effort Frequency remapping - defer new start effort	363,792	311,947 -225 -8,389 -27,799 -15,432	-51,845
101 ACOUSTIC SEARCH SENSORS Multi-static active coherent schedule delays	34,525	29,525 -5,000	-5,000

R-1	Budget Request	Committee Recommended	Change from Request
<b>102 V-22A</b>	<b>174,423</b>	<b>156,197</b>	<b>-18,226</b>
Refueling system development excess growth		-9,752	
Hardware development airframe excess growth		-8,474	
<b>104 EA-18</b>	<b>116,761</b>	<b>89,718</b>	<b>-27,043</b>
Design and avionics integration excess growth		-15,212	
Developmental and operational testing excess growth		-2,317	
Flight plan excess growth		-9,514	
<b>105 ELECTRONIC WARFARE DEVELOPMENT</b>	<b>48,766</b>	<b>39,378</b>	<b>-9,388</b>
Jammer techniques optimization cost growth		-3,000	
Technology development unjustified new start		-2,016	
Intrepid Tiger II excess growth		-4,372	
<b>107 NEXT GENERATION JAMMER (NGJ)</b>	<b>577,822</b>	<b>545,822</b>	<b>-32,000</b>
Hardware development contract award delay		-32,000	
<b>109 NEXT GENERATION JAMMER (NGJ) INCREMENT II</b>	<b>52,065</b>	<b>42,065</b>	<b>-10,000</b>
Program growth		-10,000	
<b>SURFACE COMBATANT COMBAT SYSTEM</b>			
<b>110 ENGINEERING</b>	<b>282,764</b>	<b>275,764</b>	<b>-7,000</b>
AEIS baseline 5.3X upgrade excess growth		-10,000	
Program increase - small business technology insertion		3,000	
<b>112 SMALL DIAMETER BOMB (SDB)</b>	<b>97,622</b>	<b>91,622</b>	<b>-6,000</b>
F-18 integration test asset cost growth		-6,000	
<b>113 STANDARD MISSILE IMPROVEMENTS</b>	<b>120,561</b>	<b>105,561</b>	<b>-15,000</b>
SM-6 prior year carryover		-15,000	
<b>114 AIRBORNE MCM</b>	<b>45,622</b>	<b>35,494</b>	<b>-10,128</b>
ALMDS excess growth		-5,200	
Medal, tactics and training organic force excess growth		-4,928	
<b>118 ADVANCED ABOVE WATER SENSORS</b>	<b>85,858</b>	<b>64,243</b>	<b>-21,625</b>
Advanced radar technology systems engineering prior year carryover		-15,300	
Advanced radar technology support carryover		-8,325	
<b>119 SSN-688 AND TRIDENT MODERNIZATION</b>	<b>117,476</b>	<b>116,476</b>	<b>-1,000</b>
Towed buoy antenna previously funded efforts		-1,000	
<b>120 AIR CONTROL</b>	<b>47,404</b>	<b>44,858</b>	<b>-2,546</b>
AN/SPN-50 cost growth		-2,546	
<b>121 SHIPBOARD AVIATION SYSTEMS</b>	<b>112,158</b>	<b>103,158</b>	<b>-9,000</b>
CVN launch and recover schedule delays		-9,000	
<b>124 NEW DESIGN SSN</b>	<b>113,013</b>	<b>123,013</b>	<b>10,000</b>
Program increase - small business technology insertion		10,000	
<b>125 SUBMARINE TACTICAL WARFARE SYSTEM</b>	<b>43,160</b>	<b>52,160</b>	<b>9,000</b>
Program increase - advanced weapons enhanced by submarine unmanned aerial system against mobile targets		9,000	

R-1	Budget Request	Committee Recommended	Change from Request
<b>126 SHIP CONTRACT DESIGN/LIVE FIRE T&amp;E</b>	<b>65,002</b>	<b>55,752</b>	<b>-9,250</b>
LHA flight 0 design and total ship integration previously funded efforts		-2,000	
CVN 80 total ship integration excess growth		-7,250	
<b>130 LIGHTWEIGHT TORPEDO DEVELOPMENT</b>	<b>20,178</b>	<b>30,178</b>	<b>10,000</b>
Program increase - small business technology insertion		10,000	
<b>135 SHIP SELF DEFENSE (ENGAGE: HARD KILL)</b>	<b>114,475</b>	<b>103,875</b>	<b>-10,600</b>
Evolved seasparrow testing prior year carryover		-1,500	
Block II excess growth		-14,100	
Program increase - electronics enclosure redesign efforts		5,000	
<b>136 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)</b>	<b>114,211</b>	<b>106,889</b>	<b>-5,322</b>
EW RCIP unjustified growth		-2,322	
Decoy development effort unjustified growth		-3,000	
<b>137 INTELLIGENCE ENGINEERING</b>	<b>11,029</b>	<b>6,029</b>	<b>-5,000</b>
Excess growth		-5,000	
<b>138 MEDICAL DEVELOPMENT</b>	<b>9,220</b>	<b>25,220</b>	<b>16,000</b>
Program increase - military dental research		6,000	
Program increase - wound care research		10,000	
<b>139 NAVIGATION/ID SYSTEM</b>	<b>42,723</b>	<b>36,723</b>	<b>-6,000</b>
ISIS and photonics common software and hardware capabilities prior year carryover		-3,000	
NAVSTAR GPS equipment excess support growth		-3,000	
<b>142 JSF FOLLOW ON DEVELOPMENT-MARINE CORPS</b>	<b>74,227</b>	<b>71,877</b>	<b>-2,250</b>
Follow-on development excess funds		-2,250	
<b>143 JSF FOLLOW ON DEVELOPMENT-NAVY</b>	<b>63,387</b>	<b>61,137</b>	<b>-2,250</b>
Follow-on development excess funds		-2,250	
<b>145 INFORMATION TECHNOLOGY DEVELOPMENT</b>	<b>97,066</b>	<b>85,398</b>	<b>-11,670</b>
Excess support growth		-1,800	
NAVSEA IT excess growth		-4,470	
BUPERS IT excess growth		-5,400	
<b>146 ANTI-TAMPER TECHNOLOGY SUPPORT</b>	<b>2,500</b>	<b>0</b>	<b>-2,500</b>
Unjustified request		-2,500	
<b>147 CH-53K</b>	<b>404,810</b>	<b>373,297</b>	<b>-31,513</b>
Program delay		-31,513	
<b>149 COMMON AVIONICS</b>	<b>51,599</b>	<b>41,878</b>	<b>-9,921</b>
CNS/ATM prior year carryover		-2,087	
TAWS II schedule slip		-7,834	
<b>CARRIER BASED AERIAL REFUELING SYSTEM</b>			
<b>152 (CBARS)</b>	<b>89,000</b>	<b>76,422</b>	<b>-12,578</b>
Air segment product development early to need		-12,578	
<b>154 MULTI-MISSION MARITIME AIRCRAFT (MMA)</b>	<b>59,126</b>	<b>59,201</b>	<b>75</b>
Program execution		-9,925	
Program increase - small business technology insertion		10,000	

R-1	Budget Request	Committee Recommended	Change from Request
<b>MULTI-MISSION MARITIME AIRCRAFT (MMA)</b>			
155 INCREMENT 3	182,220	152,220	-30,000
Program execution		-30,000	
160 TACTICAL CRYPTOLOGIC SYSTEMS	36,747	34,047	-2,700
Excess support growth		-2,700	
162 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	4,942	2,442	-2,500
Excess growth		-2,500	
165 MAJOR T&E INVESTMENT	42,109	52,109	10,000
Program increase - modeling and simulation for ground testing capabilities		10,000	
<b>MANAGEMENT, TECHNICAL &amp; INTERNATIONAL</b>			
172 SUPPORT	87,077	100,077	13,000
Program increase - printed circuit board executive agent		13,000	
180 MARINE CORPS PROGRAM WIDE SUPPORT	22,247	19,766	-2,481
Studies and analysis excess growth		-2,481	
182 WARFARE INNOVATION MANAGEMENT	21,123	15,423	-5,700
Fleet experimentation excess growth		-5,700	
188 COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	84,501	77,001	-7,500
Program delays		-7,500	
190 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	136,556	131,056	-5,500
Technical applications programs contract delays		-5,500	
195 F/A-18 SQUADRONS	189,125	148,151	-40,974
Multi-system integration excess growth		-4,000	
Radar upgrade product development previously funded		-5,000	
Infrared search and track excess growth		-31,974	
<b>TOMAHAWK AND TOMAHAWK MISSION PLANNING</b>			
198 CENTER (TMPC)	71,355	58,016	-13,339
Theater mission planning center previously funded		-4,000	
Enhanced tactical tomahawk seeker test and evaluation early to need		-3,000	
Support prior year carryover		-6,339	
199 INTEGRATED SURVEILLANCE SYSTEM	58,542	44,042	-14,500
TASW prototypes excess growth		-14,500	
201 GROUND/AIR TASK ORIENTED RADAR	83,538	78,538	-5,000
EDM-1 refurbishment previously funded		-5,000	
202 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	38,593	36,343	-2,250
TACTS/LATR replacement contract delay		-2,250	
204 ELECTRONIC WARFARE (EW) READINESS SUPPORT	99,998	83,292	-16,706
Electronic warfare/information operations countermeasure capability research and development prior year carryover		-3,206	
Twisted web excess growth		-9,300	
Mocking jay excess growth		-4,200	

R-1	Budget Request	Committee Recommended	Change from Request
205 HARM IMPROVEMENT	48,635	43,835	-4,800
AARGM threat data library unjustified growth		-1,800	
AARGM ER development growth		-3,000	
208 MK-48 ADCAP	39,134	49,134	10,000
Program increase		10,000	
209 AVIATION IMPROVEMENTS	120,861	112,382	-8,479
F135 engine unjustified growth		-8,479	
211 MARINE CORPS COMMUNICATIONS SYSTEMS	82,159	80,399	-1,760
CREW product development prior year carryover		-1,760	
COMMON AVIATION COMMAND AND CONTROL			
212 SYSTEM	11,850	8,976	-2,874
Product development excess growth		-2,874	
214 MARINE CORPS COMBAT SERVICES SUPPORT	13,194	11,700	-1,494
Advanced power sources contract delay		-1,494	
223 SATELLITE COMMUNICATIONS (SPACE)	37,372	32,116	-5,256
Joint aerial layer network maritime unjustified growth		-2,000	
MUOS contract delay		-3,256	
225 INFORMATION SYSTEMS SECURITY PROGRAM	38,510	33,310	-5,200
Excess growth		-5,200	
230 UAS INTEGRATION AND INTEROPERABILITY	36,509	33,509	-3,000
Prior year carryover		-3,000	
234 MQ-8 UAV	26,518	17,323	-9,195
Testing delays		-9,195	
235 RQ-11 UAV	418	0	-418
Fully developed program		-418	
236 RQ-7 UAV	716	0	-716
Fully developed program		-716	
238 RQ-21A	9,497	8,379	-1,118
Inconsistent budget justification		-1,118	
239 MULTI-INTELLIGENCE SENSOR DEVELOPMENT	77,985	57,985	-20,000
Excess growth		-20,000	
241 RQ-4 MODERNIZATION	181,268	178,718	-2,550
Test and evaluation excess growth		-2,550	
999 CLASSIFIED PROGRAMS	1,228,480	1,466,460	238,000
Classified adjustment		238,000	

#### CONDITION-BASED MAINTENANCE FOR NAVY SHIPS

The Committee is encouraged that the Navy continues to develop and implement condition-based maintenance solutions that will likely provide demonstrable improvements in fleet readiness. The Committee encourages the Secretary of the Navy to learn from and adapt the successes of the Littoral Combat Ship condition-based maintenance efforts to other classes of ships with aging weapons systems, such as the Aegis class cruisers and destroyers.

#### NAVY UNMANNED AERIAL VEHICLE DEVELOPMENT

The Committee understands that the Navy is continuing to restructure and refine its requirements for unmanned aerial vehicles that can be launched and recovered aboard aircraft carriers and are mission survivable in anti-access, area-denied environments. The Committee encourages the Secretary of the Navy to examine and invest in already proven technologies that can host a variety of payloads, including communications, electronic attack, and strike capability.

#### MARINE CORPS PERFORMANCE AND RESILIENCY PROGRAM

The Committee is aware of the Marine Corps Performance and Resiliency program and encourages the Secretary of the Navy to continue to invest in integrated research in injury rehabilitation, nutrition, and neurocognition to improve recovery outcomes. The Committee believes that particular attention should be given to the readiness of combat support Marines and that there should be a plan to transition lessons learned from the Performance and Resiliency program to the Director of the Defense Health Agency for Department-wide application of prevention management, performance, and rehabilitation strategies.

#### COASTAL ENVIRONMENTAL RESEARCH

The Committee understands the importance of the littoral region to Navy operations worldwide. The Committee believes that additional research of the magnetic and electric field characteristics in coastal ocean regions and the development of predictive techniques to distinguish ships and submarines from naturally occurring background features would be beneficial for littoral operations. The Committee encourages the Secretary of the Navy to conduct additional research in this critical area.

#### RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Fiscal year 2016 appropriation .....	\$25,217,148,000
Fiscal year 2017 budget request .....	28,112,251,000
Committee recommendation .....	27,106,851,000
Change from budget request .....	-1,005,400,000

The Committee recommends an appropriation of \$27,106,851,000 for Research, Development, Test and Evaluation, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE			
BASIC RESEARCH			
1 DEFENSE RESEARCH SCIENCES.....	340,812	340,812	---
2 UNIVERSITY RESEARCH INITIATIVES.....	145,044	150,044	+5,000
3 HIGH ENERGY LASER RESEARCH INITIATIVES.....	14,168	14,168	---
TOTAL, BASIC RESEARCH.....	500,024	505,024	+5,000
APPLIED RESEARCH			
4 MATERIALS.....	126,152	139,152	+13,000
5 AEROSPACE VEHICLE TECHNOLOGIES.....	122,831	132,831	+10,000
6 HUMAN EFFECTIVENESS APPLIED RESEARCH.....	111,647	111,647	---
7 AEROSPACE PROPULSION.....	185,671	190,671	+5,000
8 AEROSPACE SENSORS.....	155,174	159,174	+4,000
9 SPACE TECHNOLOGY.....	117,915	117,915	---
10 CONVENTIONAL MUNITIONS.....	109,649	109,649	---
11 DIRECTED ENERGY TECHNOLOGY.....	127,163	127,163	---
12 DOMINANT INFORMATION SCIENCES AND METHODS.....	161,650	161,650	---
13 HIGH ENERGY LASER RESEARCH.....	42,300	42,300	---
TOTAL, APPLIED RESEARCH.....	1,260,152	1,292,152	+32,000
ADVANCED TECHNOLOGY DEVELOPMENT			
14 ADVANCED MATERIALS FOR WEAPON SYSTEMS.....	35,137	35,137	---
15 SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T).....	20,636	20,636	---
16 ADVANCED AEROSPACE SENSORS.....	40,945	40,945	---
17 AEROSPACE TECHNOLOGY DEV/DEMO.....	130,950	130,950	---
18 AEROSPACE PROPULSION AND POWER TECHNOLOGY.....	84,594	84,594	---
19 ELECTRONIC COMBAT TECHNOLOGY.....	58,250	58,250	---
20 ADVANCED SPACECRAFT TECHNOLOGY.....	61,593	61,593	---
21 MAUI SPACE SURVEILLANCE SYSTEM (MSSS).....	11,681	11,681	---
22 HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.....	26,492	26,492	---



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
23 CONVENTIONAL WEAPONS TECHNOLOGY.....	102,009	107,009	+5,000
24 ADVANCED WEAPONS TECHNOLOGY.....	39,064	39,064	---
25 MANUFACTURING TECHNOLOGY PROGRAM.....	46,344	56,344	+10,000
26 BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION.....	58,110	58,110	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	725,805	740,805	+15,000
27 ADVANCED COMPONENT DEVELOPMENT INTELLIGENCE ADVANCED DEVELOPMENT.....	5,598	5,598	---
28 SPACE CONTROL TECHNOLOGY.....	7,534	7,534	---
29 COMBAT IDENTIFICATION TECHNOLOGY.....	24,418	24,418	---
30 NATO RESEARCH AND DEVELOPMENT.....	4,333	4,333	---
32 SPACE PROTECTION PROGRAM (SPP).....	32,399	32,399	---
33 INTERCONTINENTAL BALLISTIC MISSILE.....	108,683	103,683	-5,000
35 LONG RANGE STRIKE.....	1,358,309	1,358,309	---
36 ADVANCED TECHNOLOGY AND SENSORS.....	34,818	34,818	---
37 TECHNOLOGY TRANSFER.....	3,368	3,368	---
38 HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM.....	74,308	54,708	-19,600
39 WEATHER SATELLITE FOLLOW-ON.....	118,953	88,953	-30,000
40 SPACE SITUATION AWARENESS SYSTEMS.....	9,901	9,901	---
41 DEPLOYMENT AND DISTRIBUTION ENTERPRISE R&D.....	25,890	25,890	---
42 OPERATIONALLY RESPONSIVE SPACE.....	7,921	7,921	---
43 TECH TRANSITION PROGRAM.....	347,304	347,304	---
44 GROUND BASED STRATEGIC DETERRENT.....	113,919	113,919	---
46 NEXT GENERATION AIR DOMINANCE.....	20,595	20,595	---
47 THREE DIMENSIONAL LONG-RANGE RADAR.....	49,491	49,491	---
48 NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT).....	278,147	278,147	---
49 COMMON DATA LINK EXECUTIVE AGENT (CDL EA).....	42,338	42,338	---
50 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	158,002	158,002	---
51 ENABLED CYBER ACTIVITIES.....	15,842	15,842	---
52 CONTRACTING INFORMATION TECHNOLOGY SYSTEM.....	5,782	5,782	---
TOTAL, ADVANCED COMPONENT DEVELOPMENT.....	2,847,833	2,793,233	-54,600

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
54 ENGINEERING & MANUFACTURING DEVELOPMENT ELECTRONIC WARFARE DEVELOPMENT.....	12,476	9,176	-3,300
55 TACTICAL DATA NETWORKS ENTERPRISE.....	82,380	82,380	---
56 PHYSICAL SECURITY EQUIPMENT.....	8,458	8,458	---
57 SMALL DIAMETER BOMB (SDB).....	54,838	47,038	-7,800
58 COUNTERSPACE SYSTEMS.....	34,394	34,394	---
59 SPACE SITUATION AWARENESS SYSTEMS.....	23,945	23,945	---
60 SPACE FENCE.....	168,364	168,364	---
61 AIRBORNE ELECTRONIC ATTACK.....	9,187	9,187	---
62 SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD.....	181,966	161,966	-20,000
63 ARMAMENT/ORDNANCE DEVELOPMENT.....	20,312	20,312	---
64 SUBMUNITIONS.....	2,503	2,503	---
65 AGILE COMBAT SUPPORT.....	53,680	38,680	-15,000
66 JOINT DIRECT ATTACK MUNITION.....	9,901	9,901	---
67 LIFE SUPPORT SYSTEMS.....	7,520	7,520	---
68 COMBAT TRAINING RANGES.....	77,409	77,409	---
69 F-35 - EMD.....	450,467	450,467	---
70 EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE).....	296,572	296,572	---
71 LONG RANGE STANDOFF WEAPON.....	95,604	95,604	---
72 ICBM FUZE MODERNIZATION.....	189,751	189,751	---
73 JOINT TACTICAL NETWORK CENTER (JTNC).....	1,131	1,131	---
74 F-22 MODERNIZATION INCREMENT 3.2B.....	70,290	70,290	---
75 GROUND ATTACK WEAPONS FUZE DEVELOPMENT.....	937	937	---
76 NEXT GENERATION AERIAL REFUELING AIRCRAFT KC-46.....	261,724	229,924	-31,800

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
77 ADVANCED PILOT TRAINING.....	12,377	7,377	-5,000
78 CSAR HH-60 RECAPITALIZATION.....	319,331	304,331	-15,000
80 ADVANCED EHF HILSATCOM (SPACE).....	259,131	229,131	-30,000
81 POLAR HILSATCOM (SPACE).....	50,815	45,815	-5,000
82 WIDEBAND GLOBAL SATCOM (SPACE).....	41,632	49,632	+8,000
83 AIR AND SPACE OPS CENTER 10.2.....	28,911	28,911	---
84 B-2 DEFENSIVE MANAGEMENT SYSTEM.....	315,615	289,015	-26,600
85 NUCLEAR WEAPONS MODERNIZATION.....	137,909	124,409	-13,500
86 F-15 EPAWSS.....	256,669	244,669	-12,000
87 FULL COMBAT MISSION TRAINING.....	12,051	12,051	---
88 COMBAT SURVIVOR EVADER LOCATOR.....	29,253	19,253	-10,000
89 NEXTGEN JSTARS.....	128,019	128,019	---
90 PRESIDENTIAL AIRCRAFT REPLACEMENT.....	351,220	351,220	---
91 AUTOMATED TEST SYSTEMS.....	19,062	14,562	-4,500
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	4,075,804	3,884,304	-191,500

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
92 RDT&E MANAGEMENT SUPPORT THREAT SIMULATOR DEVELOPMENT.....	21,630	21,630	---
93 MAJOR T&E INVESTMENT.....	66,385	66,385	---
94 RAND PROJECT AIR FORCE.....	34,641	34,641	---
96 INITIAL OPERATIONAL TEST & EVALUATION.....	11,529	11,529	---
97 TEST AND EVALUATION SUPPORT.....	661,417	667,417	+6,000
98 ROCKET SYSTEMS LAUNCH PROGRAM (SPACE).....	11,198	11,198	---
99 SPACE TEST PROGRAM (STP).....	27,070	27,070	---
100 FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL....	134,111	134,111	---
101 FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT....	28,091	28,091	---
102 REQUIREMENTS ANALYSIS AND MATURATION.....	29,100	29,100	---
103 SPACE TEST AND TRAINING RANGE DEVELOPMENT.....	18,528	18,528	---
104 SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE.....	176,666	180,666	+4,000
105 ENTERPRISE INFORMATION SERVICES (EIS).....	4,410	4,410	---
106 ACQUISITION AND MANAGEMENT SUPPORT.....	14,613	14,613	---
107 GENERAL SKILL TRAINING.....	1,404	1,404	---
109 INTERNATIONAL ACTIVITIES.....	4,784	4,784	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,245,577	1,255,577	+10,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATIONAL SYSTEMS DEVELOPMENT			
110 GPS III - OPERATIONAL CONTROL SEGMENT.....	393,268	393,268	---
111 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING.....	15,427	15,427	---
112 WIDE AREA SURVEILLANCE.....	46,695	46,695	---
115 AIR FORCE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM....	10,368	10,368	---
116 ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY.....	31,952	31,952	---
117 FOREIGN MATERIEL ACQUISITION AND EXPLOITATION.....	42,960	42,960	---
118 HC/HC-130 RECAP ROT&E.....	13,987	13,987	---
119 B-52 SQUADRONS.....	78,267	78,267	---
120 AIR-LAUNCHED CRUISE MISSILE (ALCM).....	453	453	---
121 B-1B SQUADRONS.....	5,830	3,930	-1,900
122 B-2 SQUADRONS.....	152,458	122,458	-30,000
123 MINUTEMAN SQUADRONS.....	182,958	178,958	-4,000
124 STRAT WAR PLANNING SYSTEM - USSTRATCOM.....	39,148	39,148	---
125 NIGHT FIST - USSTRATCOM.....	---	---	---
126 WORLDWIDE JOINT STRATEGIC COMMUNICATIONS.....	6,042	6,042	---
128 UH-1N REPLACEMENT PROGRAM.....	14,116	14,116	---
129 REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION....	10,868	10,868	---
130 SERVICE SUPPORT TO STRATCOM - SPACE ACTIVITIES.....	8,674	8,674	---
131 HQ-9 UAV.....	151,373	141,973	-9,400
133 A-10 SQUADRONS.....	14,853	14,853	---
134 F-16 SQUADRONS.....	132,795	132,795	---
135 F-15E SQUADRONS.....	356,717	356,717	---
136 MANNED DESTRUCTIVE SUPPRESSION.....	14,773	14,773	---
137 F-22 SQUADRONS.....	387,564	379,464	-8,100
138 F-35 SQUADRONS.....	153,045	147,545	-5,500
139 TACTICAL AIM MISSILES.....	52,898	52,898	---
140 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	62,470	62,470	---
143 COMBAT RESCUE - PARARESCUE.....	362	362	---
144 AF TENCAP.....	28,413	28,413	---
145 PRECISION ATTACK SYSTEMS PROCUREMENT.....	649	649	---
146 COMPASS CALL.....	13,723	13,723	---
147 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	109,859	109,859	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
148 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM).....	30,002	21,802	-8,100
149 AIR AND SPACE OPERATIONS CENTER (AOC).....	37,621	25,321	-12,300
150 CONTROL AND REPORTING CENTER (CRC).....	13,292	13,292	---
151 AIRBORNE WARNING AND CONTROL SYSTEM (AWACS).....	86,644	86,644	---
152 TACTICAL AIRBORNE CONTROL SYSTEMS.....	2,442	2,442	---
154 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES.....	10,911	15,911	+5,000
155 TACTICAL AIR CONTROL PARTY--MOD.....	11,843	11,843	---
156 C2ISR TACTICAL DATA LINK.....	1,515	1,515	---
157 DCAPEs.....	14,979	14,979	---
158 SEEK EAGLE.....	25,308	25,308	---
159 USAF MODELING AND SIMULATION.....	16,666	16,666	---
160 WARGAMING AND SIMULATION CENTERS.....	4,245	4,245	---
161 DISTRIBUTED TRAINING AND EXERCISES.....	3,886	3,886	---
162 MISSION PLANNING SYSTEMS.....	71,785	71,785	---
164 AF OFFENSIVE CYBERSPACE OPERATIONS.....	25,025	25,025	---
165 AF DEFENSIVE CYBERSPACE OPERATIONS.....	29,439	29,439	---
168 GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN).....	3,470	3,470	---
169 NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES).....	4,060	4,060	---
175 SPACE SUPERIORITY INTELLIGENCE.....	13,880	12,380	-1,500
176 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC).....	30,948	26,048	-4,900
177 FAMILY OF ADVANCED BLOS TERMINALS (FAB-T).....	42,378	42,378	---
178 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK.....	47,471	40,171	-7,300
179 INFORMATION SYSTEMS SECURITY PROGRAM.....	46,388	46,388	---
180 GLOBAL COMBAT SUPPORT SYSTEM.....	52	52	---
181 GLOBAL FORCE MANAGEMENT - DATA INITIATIVE.....	2,099	2,099	---
184 AIRBORNE SIGINT ENTERPRISE.....	90,762	90,762	---
187 GLOBAL AIR TRAFFIC MANAGEMENT (GATH).....	4,354	4,354	---
188 SATELLITE CONTROL NETWORK (SPACE).....	15,624	14,624	-1,000
189 WEATHER SERVICE.....	19,974	19,974	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
190 AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC)...	9,770	9,770	---
191 AERIAL TARGETS.....	3,051	3,051	---
194 SECURITY AND INVESTIGATIVE ACTIVITIES.....	405	405	---
195 ARMS CONTROL IMPLEMENTATION.....	4,844	4,844	---
196 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES.....	339	339	---
199 SPACE AND MISSILE TEST AND EVALUATION CENTER.....	3,989	3,989	---
200 SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.....	3,070	1,570	-1,500
201 INTEGRATED BROADCAST SERVICE.....	8,833	8,833	---
202 SPACELIFT RANGE SYSTEM (SPACE).....	11,867	11,867	---
203 DRAGON U-2.....	37,217	37,217	---
205 AIRBORNE RECONNAISSANCE SYSTEMS.....	3,841	18,841	+15,000
206 MANNED RECONNAISSANCE SYSTEMS.....	20,975	20,975	---
207 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	18,902	18,902	---
208 RQ-4 UAV.....	256,307	256,307	---
209 NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA).....	22,610	22,610	---
211 NATO AGS.....	38,904	38,904	---
212 SUPPORT TO DCGS ENTERPRISE.....	23,084	23,084	---
213 ADVANCED EVALUATION PROGRAM.....	116,143	116,143	---
214 GPS III SPACE SEGMENT.....	141,888	141,888	---
215 INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.....	2,360	2,360	---
216 JSPDC MISSION SYSTEM.....	72,889	72,889	---
217 RAPID CYBER ACQUISITION.....	4,280	4,280	---
218 NCHC -TW/AA SYSTEM.....	4,951	4,951	---
219 NUDET DETECTION SYSTEM (SPACE).....	21,093	21,093	---
220 SPACE SITUATION AWARENESS OPERATIONS.....	35,002	35,002	---
222 SHARED EARLY WARNING (SEW).....	6,366	6,366	---
223 C-130 AIRLIFT SQUADRON.....	15,599	15,599	---
224 C-5 AIRLIFT SQUADRONS.....	66,146	66,146	---
225 C-17 AIRCRAFT.....	12,430	12,430	---
226 C-130J PROGRAM.....	16,776	16,776	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
227 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM).....	5,166	5,166	---
228 KC-10S.....	---	3,500	+3,500
229 OPERATIONAL SUPPORT AIRLIFT.....	13,817	13,817	---
230 CV-22.....	16,702	16,702	---
231 SPECIAL TACTICS / COMBAT CONTROL.....	7,164	7,164	---
232 DEPOT MAINTENANCE (MON-IF).....	1,518	1,518	---
233 LOGISTICS INFORMATION TECHNOLOGY (LOGIT).....	61,676	61,676	---
238 SUPPORT SYSTEMS DEVELOPMENT.....	9,128	9,128	---
235 OTHER FLIGHT TRAINING.....	1,653	1,653	---
236 OTHER PERSONNEL ACTIVITIES.....	57	57	---
237 JOINT PERSONNEL RECOVERY AGENCY.....	3,663	3,663	---
238 CIVILIAN COMPENSATION PROGRAM.....	3,735	3,735	---
239 PERSONNEL ADMINISTRATION.....	5,157	5,157	---
240 AIR FORCE STUDIES AND ANALYSIS AGENCY.....	1,523	1,523	---
242 FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT....	10,581	10,581	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	4,365,499	4,293,499	-72,000
9999 CLASSIFIED PROGRAMS.....	13,091,557	12,342,257	-749,300
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE..	28,112,251	27,106,851	-1,005,400



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

<b>R-1</b>	<b>Budget Request</b>	<b>Committee Recommended</b>	<b>Change from Request</b>
<b>2 UNIVERSITY RESEARCH INITIATIVES</b>	<b>145,044</b>	<b>150,044</b>	<b>5,000</b>
Program increase		5,000	
<b>4 MATERIALS</b>	<b>126,152</b>	<b>139,152</b>	<b>13,000</b>
Program increase - electronics, optics and survivability		8,000	
Program increase - structures, propulsion, and subsystems		5,000	
<b>5 AEROSPACE VEHICLE TECHNOLOGIES</b>	<b>122,831</b>	<b>132,831</b>	<b>10,000</b>
Program increase		10,000	
<b>7 AEROSPACE PROPULSION</b>	<b>185,671</b>	<b>190,671</b>	<b>5,000</b>
Program increase		5,000	
<b>8 AEROSPACE SENSORS</b>	<b>155,174</b>	<b>159,174</b>	<b>4,000</b>
Program increase		4,000	
<b>23 CONVENTIONAL WEAPONS TECHNOLOGY</b>	<b>102,009</b>	<b>107,009</b>	<b>5,000</b>
Program increase		5,000	
<b>25 MANUFACTURING TECHNOLOGY PROGRAM</b>	<b>46,344</b>	<b>56,344</b>	<b>10,000</b>
Program increase		10,000	
<b>33 ICBM DEM/VAL</b>	<b>108,663</b>	<b>103,663</b>	<b>-5,000</b>
Program growth		-5,000	
<b>HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS)</b>	<b>74,308</b>	<b>54,708</b>	<b>-19,600</b>
Improved GPS		-19,600	
<b>39 WEATHER SYSTEM FOLLOW-ON</b>	<b>118,953</b>	<b>88,953</b>	<b>-30,000</b>
Unjustified request		-30,000	
Commercial weather pilot program		5,000	
NRO weather study		-5,000	
<b>54 ELECTRONIC WARFARE DEVELOPMENT</b>	<b>12,476</b>	<b>9,176</b>	<b>-3,300</b>
Improved GPS		-3,300	
<b>57 SMALL DIAMETER BOMB</b>	<b>54,838</b>	<b>47,038</b>	<b>-7,800</b>
Improved GPS		-7,800	
<b>62 SBIRS HIGH</b>	<b>161,966</b>	<b>161,966</b>	<b>-20,000</b>
Unjustified request		-20,000	
<b>65 AGILE COMBAT SUPPORT</b>	<b>53,680</b>	<b>38,680</b>	<b>-15,000</b>
CE readiness - forward financing		-15,000	
<b>76 KC-46</b>	<b>261,724</b>	<b>229,924</b>	<b>-31,800</b>
EMD funds excess to need (ECO)		-31,800	
<b>77 ADVANCED PILOT TRAINING</b>	<b>12,377</b>	<b>7,377</b>	<b>-5,000</b>
EMD schedule slip		-5,000	
<b>78 COMBAT RESCUE HELICOPTER (HH-60 RECAP)</b>	<b>319,331</b>	<b>304,331</b>	<b>-15,000</b>
Forward financing		-15,000	
<b>80 ADVANCED EHF MILSATCOM (SPACE)</b>	<b>259,131</b>	<b>229,131</b>	<b>-30,000</b>
Unjustified request		-30,000	

R-1	Budget Request	Committee Recommended	Change from Request
81 POLAR MILSATCOM (SPACE) Unjustified request	50,815	45,815 -5,000	-5,000
82 WIDEBAND GLOBAL SATCOM (SPACE) Unjustified request COMSATCOM pilot program	41,632	49,632 -2,000 10,000	8,000
84 B-2 DEFENSIVE MANAGEMENT SYSTEM EMD excess funding	315,615	289,015 -26,600	-26,600
85 NUCLEAR WEAPONS MODERNIZATION Carryover	137,909	124,409 -13,500	-13,500
86 F-15 EPAWSS Excess funds	256,669	244,669 -12,000	-12,000
88 COMBAT SURVIVOR EVADER LOCATOR Insufficient justification	29,253	19,253 -10,000	-10,000
91 AUTOMATED TEST SYSTEMS Program growth	19,062	14,562 -4,500	-4,500
97 TEST AND EVALUATION SUPPORT Projected shortfall	661,417	667,417 6,000	6,000
104 SPACE AND MISSILE CENTER CIVILIAN WORKFORCE Review NATO ally launch services	176,666	180,666 4,000	4,000
121 B-1B SQUADRONS Improved GPS	5,830	3,930 -1,900	-1,900
122 B-2 SQUADRONS AEHF Strategic Comms	152,458	122,458 -30,000	-30,000
123 MINUTEMAN SQUADRONS ASU excess funds	182,958	178,958 -4,000	-4,000
131 MQ-9 Program growth	151,373	141,973 -9,400	-9,400
137 F-22 SQUADRONS Improved GPS	387,564	379,464 -8,100	-8,100
138 F-35 SQUADRONS Follow-on development - excess funds	153,045	147,545 -5,500	-5,500
148 JASSM Improved GPS	30,002	21,902 -8,100	-8,100
149 AIR AND SPACE OPERATIONS CENTER Weapon system modification	37,621	25,321 -12,300	-12,300
164 COMBAT AIR INTELLIGENCE SYSTEM Program increase	10,911	15,911 5,000	5,000
175 SPACE SUPERIORITY INTELLIGENCE Insufficient justification	13,880	12,380 -1,500	-1,500
176 E-4B NAOC Recap - excess funds	30,948	26,048 -4,900	-4,900

R-1	Budget Request	Committee Recommended	Change from Request
178 MEECN GASNT Incr 2 - excess funds	47,471	40,171 -7,300	-7,300
188 SATELLITE CONTROL NETWORK (SPACE) Underexecution	15,624	14,624 -1,000	-1,000
SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT Insufficient justification	3,070	1,570 -1,500	-1,500
205 AIRBORNE RECONNAISSANCE SYSTEMS Wide area surveillance	3,841	18,841 15,000	15,000
228 KC-10 Continue Mode 5 program	0	3,500 3,500	3,500
999 CLASSIFIED PROGRAMS Classified adjustment	13,091,557	12,342,257 -749,300	-749,300

#### JOINT SURVEILLANCE TARGET ATTACK RADAR SYSTEM RECAPITALIZATION

The Committee is concerned by further delays in the acquisition schedule for the recapitalization of the E-8 Joint Surveillance Target Attack Radar System (JSTARS) fleet. The Committee is also concerned by direction from the Office of the Secretary of Defense that would appear to contemplate further delays to entering the engineering and manufacturing development phase of the program based on progress in radar risk reduction.

The Committee urges the Secretary of Defense and the Secretary of the Air Force to avoid any further slips to the present schedule. The Committee recommends that the Secretary of the Air Force adopt a clear size, weight, power, and cooling requirement based on data and analysis that takes into account both prior experience on past acquisition programs and the present state of technology. The Committee also recommends that the Secretary of the Air Force consider an increase in the number of developmental aircraft and utilize a contracting method that will incentivize the prime contractor to accelerate delivery of JSTARS recap aircraft and expedite the achievement of initial operating capability, which is currently projected to occur in fiscal year 2024. In order to preclude further delays to the program, the Committee recommendation includes a provision that prohibits the obligation or expenditure of JSTARS recapitalization program funds for pre-milestone B activities, including radar technology maturation and risk reduction, beyond December 31, 2017.

Finally, in order to preserve JSTARS capability for the combatant commanders during the transition to a recapitalized fleet, the Committee also recommends an increase of \$19,700,000 above the budget request to complete modifications to the primary mission equipment of the existing operational E-8 JSTARS fleet. A recent report from the Air Force noted that two aircraft have not received these modifications solely due to budget restraints and that these modifications are essential to ensuring continued JSTARS mission relevance in the near term.

#### PRESIDENTIAL AIRCRAFT REPLACEMENT

The Committee includes \$351,220,000, the same as the budget request, for the continued development of the Presidential Aircraft Replacement (PAR). The Committee directs the Secretary of the Air Force to provide a quarterly briefing on the PAR program to the congressional defense committees. The first such brief shall be provided not later than 30 days following the end of the fourth quarter of fiscal year 2016.

#### IMPROVED GLOBAL POSITIONING SYSTEM RECEIVERS

The fiscal year 2017 budget request includes funds to integrate improved military global positioning system (GPS) receivers with various Air Force weapon systems and munitions. The Committee acknowledges the need for this improvement but is concerned about the coherence of these multiple efforts and the Air Force's ability to properly execute the funding that has been requested. Therefore, the Committee recommends a reduction in funding for these efforts

pending further information. The Committee directs the Secretary of the Air Force to review the execution plan for improved military GPS receivers and brief the House and Senate Appropriations Committees on the results of this review not later than September 15, 2016.

#### SPACE BASED INFRARED SYSTEM

The Committee continues to be concerned that the Space Based Infrared System (SBIRS) program of record continues to develop new payload technology without an approved future systems architecture. Further, the Committee is troubled that the SBIRS analysis of alternatives for a future system does not benefit from clearly defined roles and responsibilities within the Overhead Persistent Infrared family of systems to determine what requirements any new system should meet. The analysis of alternatives also lacks a full review of resiliency requirements and the risks associated with transitioning to any new architecture. Therefore, the Committee directs the Secretary of the Air Force to brief the congressional defense and intelligence committees on the findings from the post analysis of alternatives actions and reduces funding for Evolved SBIRS by \$20,000,000.

#### SATELLITE COMMUNICATIONS

The Committee is troubled that the Department of Defense does not have a unified satellite communications (SATCOM) architecture, to include the purchase of commercial services, with one organization responsible for lead planning and budgeting. Further, the Services and various components of the Office of the Secretary of Defense appear at odds with one another when planning for future space, ground, and user equipment systems. Though the Committee is encouraged by the progress made by the Principal Department of Defense Space Advisor, it appears that the Department continues to independently plan each major piece of the architecture, thereby sub-optimizing capability, performance, and affordability. The Committee encourages the Secretary of Defense to consolidate SATCOM planning and budget authority into one entity and reduces funding for Evolved Advanced Extremely High Frequency by \$30,000,000.

#### WEATHER SATELLITE FOLLOW-ON

The Committee is concerned that the Department of Defense lacks sufficient focus and planning capability to efficiently and affordably meet weather data collection requirements. Five near-term capability gaps exist, two of which the Air Force has no approved plan for remediation. Remediation of the remaining three gaps relies upon building and launching a demonstration satellite to determine if sufficient technological maturation exists to meet collection requirements. If successful, the Air Force plans to launch a free flying interim satellite at significant cost until a long-term plan is designed. Unfortunately, there is no formal effort underway to design a baseline system, including utilizing applicable federal and international partnerships, that is capable of meeting all

weather data collection requirements. Therefore, the Committee reduces the fiscal year 2017 budget request by \$30,000,000.

#### ANTENNA RESEARCH

The Committee is aware that the Air Force has funded research in deployable and reconfigurable multifunctional antennas. The Committee encourages the Director of the Air Force Office of Scientific Research to partner with academic institutions capable of advancing technologies with a potentially transformational impact on important applications for military use, such as expandable antennas for satellite communications and collapsible antennas that can benefit ground personnel by reducing the weight and footprint of antennas.

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

Fiscal year 2016 appropriation .....	\$18,695,955,000
Fiscal year 2017 budget request .....	18,308,826,000
Committee recommendation .....	18,311,236,000
Change from budget request .....	+2,410,000

The Committee recommends an appropriation of \$18,311,236,000 for Research, Development, Test and Evaluation, Defense-Wide which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVAL, DEFENSE-WIDE			
BASIC RESEARCH			
1 DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH....	35,436	35,436	---
2 DEFENSE RESEARCH SCIENCES.....	362,297	362,297	---
3 BASIC RESEARCH INITIATIVES.....	36,654	36,654	---
4 BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.....	57,791	57,791	---
5 NATIONAL DEFENSE EDUCATION PROGRAM.....	69,345	69,345	---
6 HISTORICALLY BLACK COLLEGES & UNIV (HBCU).....	23,572	35,572	+12,000
7 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	44,800	44,800	---
TOTAL, BASIC RESEARCH.....	629,895	641,895	+12,000
APPLIED RESEARCH			
8 JOINT MUNITIONS TECHNOLOGY.....	17,745	17,745	---
9 BIOMEDICAL TECHNOLOGY.....	115,213	115,213	---
10 DEFENSE TECHNOLOGY INNOVATION.....	30,000	---	-30,000
11 LINCOLN LABORATORY RESEARCH PROGRAM.....	48,269	48,269	---
12 APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES.....	42,206	42,206	---
13 INFORMATION AND COMMUNICATIONS TECHNOLOGY.....	353,635	353,635	---
14 BIOLOGICAL WARFARE DEFENSE.....	21,250	21,250	---
15 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	188,715	188,715	---
16 CYBER SECURITY RESEARCH.....	12,183	12,183	---
17 TACTICAL TECHNOLOGY.....	313,843	313,843	---
18 MATERIALS AND BIOLOGICAL TECHNOLOGY.....	220,456	220,456	---
19 ELECTRONICS TECHNOLOGY.....	221,911	221,911	---
20 WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.....	154,857	154,857	---
21 SOFTWARE ENGINEERING INSTITUTE.....	8,420	8,420	---
22 SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT.....	37,820	41,220	+3,400
TOTAL, APPLIED RESEARCH.....	1,786,523	1,759,923	-26,600

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
23 ADVANCED TECHNOLOGY DEVELOPMENT JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD..	23,902	23,902	---
25 COMBATING TERRORISM TECHNOLOGY SUPPORT.....	73,002	115,702	+42,700
26 FOREIGN COMPARATIVE TESTING.....	19,343	19,343	---
27 COUNTERPROLIFERATION INITIATIVES--PROLIF PREV & DEFEAT..	266,444	266,444	---
28 ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT.....	17,880	15,015	-2,865
30 WEAPONS TECHNOLOGY.....	71,843	51,152	-20,691
31 ADVANCED C4ISR.....	3,626	3,626	---
32 ADVANCED RESEARCH.....	23,433	23,433	---
33 JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT.....	17,256	17,256	---
35 SPECIAL PROGRAM--MDA TECHNOLOGY.....	83,745	11,795	-71,950
36 ADVANCED AEROSPACE SYSTEMS.....	182,327	182,327	---
37 SPACE PROGRAMS AND TECHNOLOGY.....	175,240	175,240	---
38 ANALYTIC ASSESSMENTS.....	12,048	12,048	---
39 ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS.....	57,020	57,020	---
41 TECHNOLOGY INNOVATION.....	39,923	19,923	-20,000
42 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV..	127,941	129,941	+2,000
43 RETRACT LARCH.....	181,977	181,977	---
44 JOINT ELECTRONIC ADVANCED TECHNOLOGY.....	22,030	22,030	---
45 JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS.....	148,184	132,184	-16,000
46 NETWORKED COMMUNICATIONS CAPABILITIES.....	9,331	9,331	---
47 DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG..	158,398	158,398	---
48 MANUFACTURING TECHNOLOGY PROGRAM.....	31,259	31,259	---
49 EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT.....	49,895	57,395	+7,500
50 GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS.....	11,011	11,011	---
52 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM.....	65,078	56,078	-9,000
53 MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT.....	97,826	97,826	---



(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
54 JOINT WARFIGHTING PROGRAM.....	7,848	5,348	-2,500
55 ADVANCED ELECTRONICS TECHNOLOGIES.....	49,807	49,807	---
56 COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS.....	155,081	155,081	---
57 NETWORK-CENTRIC WARFARE TECHNOLOGY.....	428,894	428,894	---
58 SENSOR TECHNOLOGY.....	241,288	241,288	---
59 DEFENSE RAPID INNOVATION PROGRAM.....	---	250,000	+250,000
60 SOFTWARE ENGINEERING INSTITUTE.....	14,264	14,264	---
61 QUICK REACTION SPECIAL PROJECTS.....	74,943	72,943	-2,000
63 ENGINEERING SCIENCE AND TECHNOLOGY.....	17,659	17,659	---
64 TEST & EVALUATION SCIENCE & TECHNOLOGY.....	87,135	87,135	---
65 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT.....	37,329	37,329	---
66 C2MD SYSTEMS.....	44,838	21,236	-23,600
67 SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT.....	61,820	61,820	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	3,190,666	3,324,260	+133,594
68 DEMONSTRATION & VALIDATION NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT....	28,498	28,498	---
69 WALKOFF.....	89,643	89,643	---
71 ACQUISITION ENTERPRISE DATA AND INFORMATION SERVICES....	2,136	2,136	---
72 ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM..	52,491	52,491	---
73 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.....	206,834	201,834	-5,000
74 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.....	862,080	917,080	+55,000
75 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	138,187	138,187	---
76 BALLISTIC MISSILE DEFENSE SENSORS.....	230,077	221,977	-8,100
77 BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS.....	401,594	401,594	---
78 SPECIAL PROGRAMS - MDA.....	321,607	304,707	-16,900
79 AEGIS BMD.....	959,068	929,068	-30,000
80 SPACE SURVEILLANCE & TRACKING SYSTEM.....	32,129	32,129	---
81 BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS.....	20,690	20,690	---
82 BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT.....	439,617	429,378	-10,239
83 BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT.....	47,776	47,776	---
84 BALLISTIC MISSILE DEFENSE INTERGRATION AND OPERATIONS CENTER (MDIOC).....	54,750	54,750	---
85 REGARDING TRENCH.....	8,785	8,785	---
86 SEA BASED X-BAND RADAR (SBX).....	68,787	65,787	-3,000

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
87 ISRAELI COOPERATIVE PROGRAMS.....	103,835	268,735	+164,900
88 BALLISTIC MISSILE DEFENSE TEST.....	293,441	291,441	-2,000
89 BALLISTIC MISSILE DEFENSE TARGETS.....	563,576	538,076	-25,500
90 HUMANITARIAN DEMINING.....	10,007	10,007	---
91 COALITION WARFARE.....	10,126	10,126	---
92 DEPARTMENT OF DEFENSE CORROSION PROGRAM.....	3,893	8,893	+5,000
93 TECHNOLOGY MATURATION INITIATIVES.....	90,266	74,392	-15,874
94 MISSILE DEFEAT PROJECT.....	45,000	45,000	---
95 ADVANCED INNOVATIVE TECHNOLOGIES.....	844,870	844,870	---
97 DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT...	3,320	3,320	---
99 WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA).....	4,000	4,000	---
102 JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY.....	23,642	23,642	---
104 LONG RANGE DISCRIMINATION RADAR.....	162,012	160,762	-1,250
105 IMPROVED HOMELAND DEFENSE INTERCEPTORS.....	274,148	244,148	-30,000
106 BMD TERMINAL DEFENSE SEGMENT TEST.....	63,444	63,123	-10,321
107 AEGIS BMD TEST.....	95,012	95,012	---
108 BALLISTIC MISSILE DEFENSE SENSOR TEST.....	83,250	83,250	---
109 LAND-BASED SM-3 (LBSH3).....	43,293	43,293	---
110 AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT.....	106,038	106,038	---
111 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST	56,481	56,481	---
112 MULTI-OBJECT KILL VEHICLE.....	71,513	56,513	-15,000
114 JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM.....	2,636	2,636	---
115 CYBER SECURITY INITIATIVE.....	969	969	---
TOTAL, DEMONSTRATION & VALIDATION.....	6,919,519	6,971,235	+51,716

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
ENGINEERING & MANUFACTURING DEVELOPMENT			
116 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT....	10,324	10,324	---
117 PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT.....	181,303	181,303	---
118 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	266,231	266,231	---
120 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)..	16,288	16,288	---
121 WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES.....	4,568	4,568	---
122 INFORMATION TECHNOLOGY DEVELOPMENT.....	11,505	11,505	---
123 HOMELAND PERSONNEL SECURITY INITIATIVE.....	1,658	1,658	---
124 DEFENSE EXPORTABILITY PROGRAM.....	2,920	2,920	---
126 DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION...	12,631	12,631	---
128 DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM.....	26,857	26,857	---
129 DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS).....	4,949	4,949	---
130 TRUSTED FOUNDRY.....	69,000	69,000	---
131 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITY.....	9,881	9,881	---
132 GLOBAL COMBAT SUPPORT SYSTEM.....	7,600	7,600	---
133 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)....	2,703	2,703	---
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	628,218	628,218	---
ROD&E MANAGEMENT SUPPORT			
134 DEFENSE READINESS REPORTING SYSTEM (DRRS).....	4,678	4,678	---
135 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT.....	4,499	4,499	---
136 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT.....	219,199	219,199	---
137 ASSESSMENTS AND EVALUATIONS.....	28,706	28,706	---
138 MISSION SUPPORT.....	69,244	69,244	---
139 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).....	87,080	87,080	-20,000
140 TECHNICAL STUDIES, SUPPORT AND ANALYSIS.....	23,069	23,069	---
142 JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION...	32,759	32,759	---
143 CLASSIFIED PROGRAM USD(P).....	---	100,000	+100,000
144 SYSTEMS ENGINEERING.....	32,429	32,429	---
145 STUDIES AND ANALYSIS SUPPORT.....	3,797	3,797	---
146 NUCLEAR MATTERS - PHYSICAL SECURITY.....	5,302	5,302	---
147 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.....	7,246	7,246	---
148 GENERAL SUPPORT TO USD (INTELLIGENCE).....	1,874	1,874	---
149 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	85,754	85,754	---
156 SMALL BUSINESS INNOVATION RESEARCH/TECHNOLOGY TRANSFER..	2,187	2,187	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
159 DEFENSE TECHNOLOGY ANALYSIS.....	22,650	22,650	---
160 DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	43,834	43,834	---
161 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION..	22,240	22,240	---
162 DEVELOPMENT TEST AND EVALUATION.....	19,541	23,541	+4,000
163 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT).....	4,759	4,759	---
164 MANAGEMENT HEADQUARTERS DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	4,400	4,400	---
165 BUDGET AND PROGRAM ASSESSMENTS.....	4,014	4,014	---
166 OPERATIONS SECURITY (OPSEC).....	2,072	2,072	---
167 JOINT STAFF ANALYTICAL SUPPORT.....	7,464	7,464	---
170 SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES.....	857	857	---
171 DEFENSE MILITARY DECEPTION PROGRAM OFFICE.....	916	916	---
172 COMBINED ADVANCED APPLICATIONS.....	15,336	15,336	---
173 CYBER INTELLIGENCE.....	18,523	7,223	-11,300
175 COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION...	34,384	29,984	-4,400
176 MANAGEMENT HEADQUARTERS - MDA.....	31,160	31,160	---
179 JOINT SERVICE PROVIDER (JSP).....	827	827	---
9999 CLASSIFIED PROGRAMS.....	56,799	56,799	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	897,599	965,899	+68,300
181 OPERATIONAL SYSTEMS DEVELOPMENT ENTERPRISE SECURITY SYSTEM (ESS).....	4,241	4,241	---
182 REGIONAL INTERNATIONAL OUTREACH & PARTNERSHIP FOR PEAC..	1,424	1,424	---
183 OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SY..	287	287	---
184 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT.....	16,195	16,195	---
185 OPERATIONAL SYSTEMS DEVELOPMENT.....	4,194	4,194	---
186 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT.....	7,861	7,861	---
187 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D..	33,361	33,361	---
189 PLANNING AND DECISION AID SYSTEM.....	3,038	3,038	---
190 C4I INTEROPERABILITY.....	57,501	57,501	---
192 JOINT/ALLIED COALITION INFORMATION SHARING.....	5,935	5,935	---
196 NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT.....	575	575	---
197 DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION...	18,041	18,041	---
198 LONG HAUL COMMUNICATIONS (DCS).....	13,994	13,994	---
199 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK.....	12,206	12,206	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
200 PUBLIC KEY INFRASTRUCTURE (PKI).....	34,314	34,314	---
201 KEY MANAGEMENT INFRASTRUCTURE (KMI).....	36,602	36,602	---
202 INFORMATION SYSTEMS SECURITY PROGRAM.....	8,876	8,876	---
203 INFORMATION SYSTEMS SECURITY PROGRAM.....	159,068	161,068	+2,000
204 GLOBAL COMMAND AND CONTROL SYSTEM.....	24,438	24,438	---
205 JOINT SPECTRUM CENTER (DEFENSE SPECTRUM ORGANIZATION)...	13,197	13,197	---
207 JOINT INFORMATION ENVIRONMENT (JIE).....	2,789	2,789	---
209 FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY...	75,000	75,000	---
210 TELEPORT PROGRAM.....	657	657	---
215 CYBER SECURITY INITIATIVE.....	1,553	1,553	---
220 POLICY R&D PROGRAMS.....	6,204	6,204	---
221 NET CENTRICITY.....	17,971	17,971	---
223 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	5,415	5,415	---
226 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	3,030	3,030	---
229 INSIDER THREAT.....	5,034	5,034	---
230 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM.....	2,037	2,037	---
236 INTELLIGENCE MISSION DATA (IND).....	13,800	13,800	---
238 PACIFIC DISASTER CENTERS.....	1,754	1,754	---
239 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM.....	2,154	2,154	---
240 MANAGEMENT HEADQUARTERS (JCS).....	826	826	---
241 HQ-9 UAV.....	17,804	17,804	---
244 SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEV.....	159,143	159,143	---
245 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT.....	7,958	7,958	---
246 SOF OPERATIONAL ENHANCEMENTS.....	64,895	64,895	---
247 WARRIOR SYSTEMS.....	44,885	50,885	+6,000
248 SPECIAL PROGRAMS.....	1,949	1,949	---
249 UNMANNED ISR.....	22,117	22,117	---

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
250 SOF TACTICAL VEHICLES.....	3,316	3,316	---
251 SOF MARITIME SYSTEMS.....	54,577	54,577	---
252 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES.....	3,841	3,841	---
253 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	11,834	11,834	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	985,891	993,891	+8,000
999 CLASSIFIED PROGRAMS.....	3,270,515	3,075,915	-194,600
DARPA UNDISTRIBUTED REDUCTION.....	---	-50,000	-50,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEF-WIDE...	18,308,826	18,311,236	+2,410

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

R-1	Budget Request	Committee Recommended	Change from Request
<b>HISTORICALLY BLACK COLLEGES &amp; UNIVERSITIES</b>			
6 (NBCU)	23,572	35,572	12,000
Program increase		12,000	
10 DEFENSE TECHNOLOGY INNOVATION	30,000	0	-30,000
Prior year carryover		-30,000	
22 SOF TECHNOLOGY DEVELOPMENT	37,820	41,220	3,400
Program increase		3,400	
26 COMBATING TERRORISM TECHNOLOGY SUPPORT	73,002	115,702	42,700
Program increase - Israel Tunneling		42,700	
28 ADVANCED CONCEPTS AND PERFORMANCE	17,880	15,015	-2,865
Test delays		-2,865	
30 WEAPONS TECHNOLOGY	71,843	51,152	-20,691
Directed energy research unjustified growth		-20,691	
35 SPECIAL PROGRAM - MDA TECHNOLOGY	83,745	11,795	-71,950
Program reduction		-71,950	
41 TECHNOLOGY INNOVATION	39,923	19,923	-20,000
Classified program adjustment		-20,000	
<b>CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM -</b>			
42 ADVANCED DEVELOPMENT	127,941	129,941	2,000
Program increase		2,000	
45 JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	148,184	132,184	-16,000
Program decrease		-16,000	
<b>EMERGING CAPABILITIES TECHNOLOGY</b>			
49 DEVELOPMENT	49,895	57,395	7,500
Program increase		7,500	
52 STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	65,078	56,078	-9,000
Program decrease		-9,000	
54 JOINT WARFIGHTING PROGRAM	7,348	5,348	-2,000
Prior year carryover		-2,000	
59 DEFENSE RAPID INNOVATION FUND	0	250,000	250,000
Program increase		250,000	
61 QUICK REACTION SPECIAL PROJECTS	74,943	72,943	-2,000
Program decrease		-2,000	
65 CWMD SYSTEMS	44,836	21,236	-23,600
Program decrease		-23,600	
<b>BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE</b>			
73 SEGMENT	206,834	201,834	-5,000
THAAD development previously funded efforts		-5,000	

R-1	Budget Request	Committee Recommended	Change from Request
<b>BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT</b>	<b>862,080</b>	<b>917,080</b>	<b>55,000</b>
74 Systems engineering and program management software delays		-10,000	
Program increase - ground systems communication modernization and fire control software upgrades		65,000	
<b>76 BALLISTIC MISSILE DEFENSE SENSORS</b>	<b>230,077</b>	<b>221,977</b>	<b>-8,100</b>
LRDR program office - transfer to line 104		-8,100	
<b>78 SPECIAL PROGRAMS - MDA</b>	<b>321,607</b>	<b>304,707</b>	<b>-16,900</b>
Program reduction		-16,900	
<b>79 AEGIS BMD</b>	<b>959,066</b>	<b>929,066</b>	<b>-30,000</b>
Aegis BMD 6.x development excess growth		-10,000	
SM-3 1A development excess growth		-20,000	
<b>82 BALLISTIC MISSILE DEFENSE C2BMC</b>	<b>439,617</b>	<b>429,378</b>	<b>-10,239</b>
Development and deployment unauthorized prior year funding		-7,239	
Communications unjustified growth		-3,000	
<b>86 SEA BASED X-BAND RADAR (SBX)</b>	<b>68,787</b>	<b>65,787</b>	<b>-3,000</b>
Test previously completed		-3,000	
<b>87 ISRAELI COOPERATIVE PROGRAMS</b>	<b>103,835</b>	<b>268,735</b>	<b>164,900</b>
Israeli Upper Tier		29,100	
Israeli Arrow program		56,500	
Short range ballistic missile defense		79,300	
<b>88 BMD TESTS</b>	<b>293,441</b>	<b>291,441</b>	<b>-2,000</b>
FTT-18 and FTT-15 efficiencies		-2,000	
<b>89 BMD TARGETS</b>	<b>563,576</b>	<b>538,076</b>	<b>-25,500</b>
Unjustified program growth		-25,000	
Test delays		-500	
<b>92 DEPARTMENT OF DEFENSE CORROSION PROGRAM</b>	<b>3,893</b>	<b>8,893</b>	<b>5,000</b>
Program increase		5,000	
<b>93 TECHNOLOGY MATURATION INITIATIVES</b>	<b>90,266</b>	<b>74,392</b>	<b>-15,874</b>
Directed energy prototype development unjustified growth		-3,874	
Discrimination sensor prototype development long lead materials early to need		-12,000	
<b>104 LONG RANGE DISCRIMINATION RADAR</b>	<b>162,012</b>	<b>160,762</b>	<b>-1,250</b>
LRDR program office - transfer from line 76		8,100	
Unrealistic schedule		-9,350	
<b>105 IMPROVED HOMELAND DEFENSE INTERCEPTORS</b>	<b>274,148</b>	<b>244,148</b>	<b>-30,000</b>
Schedule delay		-30,000	
<b>BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST</b>	<b>63,444</b>	<b>53,123</b>	<b>-10,321</b>
Test delays		-10,321	



R-1	Budget Request	Committee Recommended	Change from Request
112 MULTI-OBJECT KILL VEHICLE Change to acquisition strategy	71,513	56,513 -15,000	-15,000
JOINT MISSION ENVIRONMENT TEST CAPABILITY			
139 (JMETC) Prior year carryover and minimize growth	87,080	67,080 -20,000	-20,000
143 CLASSIFIED PROGRAM USD(P) Classified adjustment	0	100,000 100,000	100,000
162 DEVELOPMENT TEST AND EVALUATION Program increase	19,541	23,541 4,000	4,000
173 CYBER INTELLIGENCE Program decrease	18,523	7,223 -11,300	-11,300
COCOM EXERCISE ENGAGEMENT AND TRAINING			
175 TRANSFORMATION Program decrease	34,384	29,984 -4,400	-4,400
203 INFORMATION SYSTEMS SECURITY PROGRAM Sharkseer	169,068	161,068 2,000	2,000
247 WARRIOR SYSTEMS Program increase	44,885	50,885 6,000	6,000
999 CLASSIFIED PROGRAMS Classified adjustment	3,270,515	3,075,915 -194,600	-194,600
DARPA UNDISTRIBUTED REDUCTION DARPA undistributed reduction		-50,000 -50,000	-50,000

#### MANUFACTURING INNOVATION INSTITUTE FOR HIGH TEMPERATURE SUPERCONDUCTORS

The Committee notes that high temperature superconductors offer the potential to reduce the magnetic signature of Navy warships, to accelerate the use of motors and generators for all-electric ships and aircraft, to develop minesweeping magnets, and to create magnetic energy storage systems and rail guns. The Committee urges the Secretary of Defense to consider establishing a Manufacturing Innovation Institute that focuses on high temperature superconductors.

#### UNITED STATES-ISRAELI ANTI-TUNNELING TECHNOLOGY

In fiscal year 2016 the United States and Israel jointly initiated the development of a system to detect tunnels built by its enemies, in an effort to prevent future terrorist incursions on the Israeli border. This new system may also have an application in curbing illegal migration on United States borders.

Of the funding provided in fiscal year 2016, Israel promised to match contributions with a combination of actual funding and in-kind contributions of up to the appropriated level of \$40,000,000. For fiscal year 2017, the Israeli government has requested and the Committee recommendation provides an additional \$42,700,000 to continue this effort.

The Committee understands that when practical, every effort will be made to complete portions of this research that are better accomplished in the United States by United States vendors and military research and development centers.

#### NATIONAL SECURITY EDUCATION PROGRAM

The Committee supports the Department of Defense and Intelligence Community's partnerships with institutions of higher education to ensure an adequate level of servicemembers maintain proficiency in critical languages. The Committee believes that these efforts should include minority serving institutions, such as Historically Black Colleges and Universities and Hispanic Serving Institutions, to ensure diversity within the Intelligence Community and to increase the number of analysts with proficiency in critical languages and cultural studies, including Russian, Chinese, Farsi, Arabic, and Turkish.

#### ACCESS TO TRUSTED MICROELECTRONICS

The Committee is concerned by the risk that reliance on foreign suppliers of critical information technology components and suppliers with connections to foreign governments poses. However, the Committee is aware of efforts the Department of Defense has initiated to address concerns with access to microelectronics from trusted sources. The fiscal year 2017 budget request includes funding for a multi-faceted approach designed to protect microelectronics designs and intellectual property, while at the same time enabling access to advanced technology from the commercial sector. The Committee is encouraged by the Department's engagement with industry, academia, national laboratories, and other government agencies to both implement near-term actions and develop a long-

term science and technology based approach that reduces risk of reliance on sole source foundry operations.

The Committee believes that the Department has appropriately scoped and adequately funded this effort. The consolidation of the Department of Defense Trusted Foundry contract management efforts at the Defense Microelectronics Activity effectively preserves the organization's role, while at the same time initiates development of a new trust approach to shift away from the traditional trust model. This provides a sensible and affordable investment strategy that will enable United States intelligence and weapons systems to remain secure and technologically advanced. The Committee encourages the Secretary of Defense to inform the congressional defense committees of issues with foreign suppliers of critical information technology components and progress on the implementation of the new trust approach.

#### HIGH ENERGY LASERS

The Committee is aware of efforts within the High Energy Laser Joint Technology Office to develop advanced, directed-energy, high energy laser weapons that have the potential to perform a wide variety of military missions. The Committee encourages the Secretary of Defense to explore further development and evaluation of this important technology.

#### STEM IMPROVEMENT WITHIN HISTORICALLY BLACK COLLEGES AND UNIVERSITIES AND MINORITY SERVING INSTITUTIONS

The Committee remains concerned about the long-term development of the Science, Technology, Engineering and Mathematics (STEM) workforce pipeline for underrepresented minorities. The Committee encourages the Secretary of Defense to emphasize STEM education improvement within the Historically Black Colleges and Universities and Minority Serving Institutions, Tribal and Native American Colleges, and Hispanic Colleges and Universities, and to focus on increasing the participation of minority students through engaged mentoring, enriched research experiences, and opportunities to publish, present, and network. The Committee encourages the Secretary of Defense to consider these factors when awarding competitive funding under this program to expand STEM opportunities for underrepresented minorities.

#### OPERATIONAL TEST AND EVALUATION, DEFENSE

Fiscal year 2016 appropriation .....	\$188,558,000
Fiscal year 2017 budget request .....	178,994,000
Committee recommendation .....	178,994,000
Change from budget request .....	---

The Committee recommends an appropriation of \$178,994,000 for Operational Test and Evaluation, Defense which will provide the following program in fiscal year 2017:

## EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

(In thousands of dollars)

	Budget Request	Committee Recommended	Change from Request
1 OPERATIONAL TEST AND EVALUATION .....	78,047	78,047	---
2 LIVE FIRE TESTING .....	48,316	48,316	---
3 OPERATIONAL TEST ACTIVITIES AND ANALYSIS .....	52,631	52,631	---
TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE .....	178,994	178,994	---

**TITLE V**  
**REVOLVING AND MANAGEMENT FUNDS**  
**DEFENSE WORKING CAPITAL FUNDS**

Fiscal year 2016 appropriation .....	\$1,738,768,000
Fiscal year 2017 budget request .....	1,371,613,000
Committee recommendation .....	1,371,613,000
Change from budget request .....	---

The Committee recommends an appropriation of \$1,371,613,000 for the Defense Working Capital Funds accounts which will provide the following program in fiscal year 2017:

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND, ARMY .....	56,469	56,469	---
WORKING CAPITAL FUND, AIR FORCE .....	63,967	63,967	---
WORKING CAPITAL FUND, DEFENSE WIDE .....	37,132	37,132	---
DEFENSE WORKING CAPITAL FUND, DECA .....	1,214,045	1,214,045	---
<b>TOTAL, DEFENSE WORKING CAPITAL FUNDS .....</b>	<b>1,371,613</b>	<b>1,371,613</b>	<b>---</b>



TITLE VI  
OTHER DEPARTMENT OF DEFENSE PROGRAMS  
DEFENSE HEALTH PROGRAM

Fiscal year 2016 appropriation .....	\$32,329,490,000
Fiscal year 2017 budget request .....	33,467,516,000
Committee recommendation .....	33,576,563,000
Change from budget request .....	+109,047,000

The Committee recommends an appropriation of \$33,576,563,000 for the Defense Health Program which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
DEFENSE HEALTH PROGRAM			
OPERATION AND MAINTENANCE			
10 IN-HOUSE CARE.....	9,240,160	9,210,060	-30,100
20 PRIVATE SECTOR CARE.....	15,738,759	15,290,789	-448,000
30 CONSOLIDATED HEALTH SUPPORT.....	2,367,759	2,328,659	-39,100
40 INFORMATION MANAGEMENT.....	1,743,749	1,732,399	-11,350
50 MANAGEMENT ACTIVITIES.....	311,380	307,610	-3,770
60 EDUCATION AND TRAINING.....	743,231	742,348	-883
70 BASE OPERATIONS/COMMUNICATIONS.....	2,086,352	2,084,502	-1,850
SUBTOTAL, OPERATION AND MAINTENANCE.....	32,231,390	31,996,337	-535,053
PROCUREMENT			
150 INITIAL OUTFITTING.....	20,611	20,611	---
160 REPLACEMENT AND MODERNIZATION.....	360,727	360,727	---
170 THEATER MEDICAL INFORMATION PROGRAM.....	---	---	---
180 JOINT OPERATOINAL MEDICINE INFORMATION SYSTEM.....	2,413	2,413	---
200 DOD HEALTH MANAGEMENT SYSTEM MODERNIZATION.....	29,468	29,468	---
SUBTOTAL, PROCUREMENT.....	413,219	413,219	---
RESEARCH DEVELOPMENT TEST AND EVALUATION			
80 RESEARCH.....	9,097	9,097	---
90 EXPLORATORY DEVELOPMENT.....	58,517	58,517	---
100 ADVANCED DEVELOPMENT.....	221,226	221,226	---
110 DEMONSTRATION/VALIDATION.....	96,602	96,602	---
120 ENGINEERING DEVELOPMENT.....	364,057	364,057	---
130 MANAGEMENT AND SUPPORT.....	58,410	58,410	---
140 CAPABILITIES ENHANCEMENT.....	14,998	14,998	---
150 UNDISTRIBUTED MEDICAL RESEARCH.....	---	844,100	+644,100
SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION..	822,907	1,467,007	+644,100
TOTAL, DEFENSE HEALTH PROGRAM.....	33,467,516	33,576,563	+109,047
	=====	=====	=====



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

	Budget Request	Committee Recommended	Change from Request
<b>IN-HOUSE CARE</b>	<b>9,240,160</b>	<b>9,218,060</b>	<b>-30,100</b>
Other costs unjustified growth		-30,100	
<b>PRIVATE SECTOR CARE</b>	<b>15,738,759</b>	<b>15,290,759</b>	<b>-448,000</b>
Other costs unjustified growth		-73,000	
Historical underexecution		-375,000	
<b>CONSOLIDATED HEALTH SUPPORT</b>	<b>2,367,759</b>	<b>2,328,659</b>	<b>-39,100</b>
Therapeutic service dog training program		5,000	
Other costs unjustified growth		-19,100	
Historical underexecution		-25,000	
<b>INFORMATION MANAGEMENT</b>	<b>1,743,749</b>	<b>1,732,399</b>	<b>-11,350</b>
Other costs unjustified growth		-11,350	
<b>MANAGEMENT ACTIVITIES</b>	<b>311,380</b>	<b>307,610</b>	<b>-3,770</b>
Travel excess growth		-2,200	
Other costs unjustified growth		-1,570	
<b>EDUCATION AND TRAINING</b>	<b>743,231</b>	<b>742,348</b>	<b>-883</b>
Travel excess growth		-883	
<b>BASE OPERATIONS AND COMMUNICATIONS</b>	<b>2,086,352</b>	<b>2,084,502</b>	<b>-1,850</b>
Other costs unjustified growth		-1,850	
<b>TOTAL, OPERATION AND MAINTENANCE</b>	<b>32,231,380</b>	<b>31,696,337</b>	<b>-535,053</b>
<b>PROCUREMENT</b>	<b>413,219</b>	<b>413,219</b>	
<b>RESEARCH AND DEVELOPMENT</b>			
Peer-reviewed alcohol and substance abuse disorders research		4,000	
Peer-reviewed ALS research		7,500	
Peer-reviewed alzheimer research		15,000	
Peer-reviewed autism research		7,500	
Peer-reviewed breast cancer research		120,000	
Peer-reviewed cancer research		30,000	
Peer-reviewed Duchenne muscular dystrophy research		3,200	
Peer-reviewed gulf war illness research		20,000	
Peer-reviewed hearing restoration research		10,000	
Peer-reviewed kidney cancer research		10,000	
Peer-reviewed lung cancer research		12,000	
Peer-reviewed lupus research		5,000	
Peer-reviewed multiple sclerosis research		6,000	
Peer-reviewed orthopedic research		30,000	
Peer-reviewed ovarian cancer research		20,000	
Peer-reviewed prostate cancer research		90,000	
Peer-reviewed spinal cord research		30,000	
Peer-reviewed reconstructive transplant research		12,000	
Peer-reviewed tickborne disease research		5,000	
Peer-reviewed traumatic brain injury and psychological health research		125,000	
Peer-reviewed tuberculous sclerosis complex research		6,000	
Peer-reviewed vision research		15,000	
Global HIV/AIDS prevention		8,000	

	Budget Request	Committee Recommended	Change from Request
HIV/AIDS program increase		12,900	
Joint warfighter medical research		30,000	
Trauma clinical research program		10,000	
<b>TOTAL, RESEARCH AND DEVELOPMENT</b>	<b>822,907</b>	<b>1,467,007</b>	<b>644,100</b>

# REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

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 as limiting the amount of funds that may be transferred to the In-House Care budget sub-activity from other budget sub-activities within the Defense Health Program. In addition, funding for the In-House Care budget sub-activity continues to be designated as a congressional 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 requires the Secretary of Defense to follow prior approval reprogramming procedures for operation and maintenance funds.

The Committee remains concerned that transfers of funds from the Private Sector Care budget sub-activity often occur without the submission of written notification as required by prior year Department of Defense Appropriations Acts. 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 fifteen days after such a transfer. Furthermore, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees not later than 30 days after the enactment of this Act that delineates transfers of funds, and the dates any transfers occurred, from the Private Sector Care budget sub-activity to any other budget sub-activity for fiscal year 2016.

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 2017, the Committee recommends one 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 2016 designated carryover funds to the congressional defense committees not less than 30 days prior to executing the carryover funds.

## PEER-REVIEWED CANCER RESEARCH PROGRAMS

The Committee recommends \$120,000,000 for the peer-reviewed breast cancer research program, \$90,000,000 for the peer-reviewed prostate cancer research program, \$20,000,000 for the peer-reviewed ovarian cancer research program, \$10,000,000 for the peer-

reviewed kidney cancer research program, \$12,000,000 for the peer-reviewed lung cancer research program, and \$30,000,000 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: bladder cancer, brain cancer, colorectal cancer, listeria vaccine for cancer, liver cancer, lymphoma, melanoma and other skin cancers, mesothelioma, pancreatic cancer, stomach cancer, and cancer in children, adolescents, and young adults.

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 and their families.

The Committee commends the Department of Defense for ensuring that projects funded through the various peer-reviewed cancer research programs maintain a focus on issues of significance to military populations and the warfighter. This includes promoting collaborative research proposals between Department of Defense researchers and non-military research institutions. These collaborations leverage the knowledge, infrastructure, and access to clinical populations that the partners bring to the research effort. Additionally, promoting these collaborations provides a valuable recruitment and retention incentive for military medical and research personnel. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to continue to emphasize the importance of these collaborations between military and non-military researchers throughout the peer review process.

#### PEER-REVIEWED BREAST CANCER RESEARCH PROGRAM

The Committee is encouraged by ongoing efforts within the Defense Health Program to research breast cancer. Recent medical journals have described the promise of immunotherapy in combating several forms of metastatic cancer and as such, the Committee encourages the Assistant Secretary of Defense (Health Affairs) to investigate immunotherapeutic vaccines for the treatment of metastatic breast cancer, prioritizing efforts that have already shown success.

#### METASTATIC CANCER RESEARCH

The Committee continues to support the establishment of a task force to research metastasized cancer with a focus on clinical and translational research aimed at extending the lives of advanced state and recurrent patients. The Committee directs the Assistant Secretary of Defense (Health Affairs) to submit an updated report to the congressional defense committees not later than 60 days after the enactment of this Act on the status of the establishment of a task force under the Congressionally Directed Medical Re-

search Program to focus on research for metastatic cancer of all types.

#### JOINT WARFIGHTER MEDICAL RESEARCH PROGRAM

The Committee recommendation includes \$30,000,000 for the continuation of the joint warfighter medical research program. The funding 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. The funding shall not be used for new projects nor for basic research, and it 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 submit a report not later than 180 days after the enactment of this Act to the congressional defense committees that 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.

#### ELECTRONIC HEALTH RECORDS

The Committee continues to be concerned about the pace at which the Departments of Defense and Veterans Affairs have developed and procured an interoperable electronic health records solution. The Committee reiterates that the two systems must be completely and meaningfully interoperable and encourages the Under Secretary of Defense (Acquisition, Technology, and Logistics) to focus on the overall goal of seamless compatibility between the two Departments' electronic health record systems. Furthermore, the Committee directs the Director of the Interagency Program Office (IPO) to continue to provide quarterly reports on the progress of interoperability between the two Departments to the House and Senate Defense Appropriations Subcommittees and the House and Senate Military Construction, Veterans Affairs, and Related Agencies Appropriations Subcommittees. Additionally, the Program Executive Officer (PEO) for Defense Healthcare Management Systems (DHMS), in conjunction with the Director of the IPO, is directed to provide quarterly reports to the congressional defense committees on the cost and schedule of the program, to include milestones, knowledge points, and acquisition timelines, as well as quarterly obligation reports. The Committee directs the PEO DHMS to continue briefing the House and Senate Defense Appropriations Subcommittees on a quarterly basis, coinciding with the report submission.

#### MENTAL HEALTH OF MILITARY DEPENDENTS

The Secretary of Defense has indicated that military dependents are at a higher risk of depression and pediatric behavioral issues compared to the general population, and that further research to improve military dependent psychological health issues is needed to continue the adaptation and development of appropriate evi-

dence-based interventions and targeted therapies. In fiscal year 2016, the Committee directed the Secretary of Defense to fully fund a program to address this issue starting in fiscal year 2017. While the fiscal year 2017 budget request includes robust funding for mental health care, the budget request fails to identify funding that satisfies the fiscal year 2016 requirement. It is imperative that the Department develop efficient means to identify children at risk of deployment-related mental health issues and to provide tools, education, and guidance to the professionals and families caring for these children. Therefore, the Committee directs the Secretary of Defense to develop a program to address this issue and to brief the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the steps that will be taken in fiscal year 2017 to address the fiscal year 2016 requirement.

#### THE CANCER CENTER AT WALTER REED NATIONAL MILITARY MEDICAL CENTER

The Committee recognizes the close cooperation between The John P. Murtha Cancer Center at Walter Reed National Military Medical Center and the Assistant Secretary of Defense (Health Affairs) that has enabled the expedited completion of a partnership agreement between the Murtha Cancer Center and the Oncology Research Information Exchange Network. This new relationship between these two programs will further advance research at the Murtha Cancer Center through the enhanced use of patient data derived from large patient studies that include long-term health records, bio specimen repositories, and research collaborations involving major academic cancer centers. The Committee commends the Assistant Secretary of Defense (Health Affairs) for assisting the Murtha Cancer Center in completing this agreement and strongly encourages increased support to allow for rapid enrollment of patients and collaboration on research initiatives toward the goal of enhanced cancer treatment for all servicemembers and their families.

#### EMERGING INFECTIOUS DISEASES

The Committee understands that the impact of infectious diseases on servicemembers can be significant, including lost service time, reduction in operational readiness, and an increased logistical burden to provide replacement troops. The Department of Defense's critical role in the swift response to viral outbreaks of Ebola and Zika demonstrates the value of continued investment in military infectious disease research and development capabilities. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to pursue partnerships with colleges and universities that have strong research programs in emerging infectious diseases and to support research efforts that incorporate genomic technologies, bioinformatics, and computational biology.

#### MULTI-DISCIPLINARY BRAIN RESEARCH

The Committee recognizes recent efforts by the Department of Defense to leverage partnerships with academia and the private sector to understand and improve prevention and treatment of

traumatic brain injuries to servicemembers. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to continue to leverage partnerships with academia and the private sector and to support further studies of traumatic brain injuries to gain a deeper understanding of concussive injuries including how they impact the brain, how and to what extent the brain recovers, and how prevention and treatment methods may be improved.

#### IMPACT OF GUT MICROBIOME ON CHRONIC CONDITIONS

Recent research suggests that levels of microbiota can affect a patient's overall health. The Committee is aware that the Defense Health Agency plans to investigate the impact of gut microbiome on warfighter readiness and performance in fiscal year 2017. The Committee encourages the Director of the Defense Health Agency to also investigate the impact of gut microbiome on long-term chronic conditions such as heart disease, kidney disease, and hypertension.

#### COMBAT OCULAR TRAUMA

The Committee is concerned about incidents of combat ocular trauma, which is an injury to the eye or neuro-ophthalmological pathways. These injuries often result in severe vision loss and visual dysfunction. Therefore, the Committee encourages the Assistant Secretary of Defense (Health Affairs) to evaluate the effectiveness and safety of treatments such as transcorneal electrical stimulation to improve visual function after ocular trauma.

#### EXPANDED CANINE THERAPY RESEARCH

The Committee is aware that canine therapy for treatment of post-traumatic stress disorder (PTSD) and traumatic brain injury (TBI) symptoms is a promising alternative or adjunct to pharmaceutical treatment, which can have harmful side-effects. While still experimental, canine therapy has shown effectiveness in treating PTSD and other psychological disorders, from hospitalized psychiatric patients to children with developmental disorders, patients with substance abuse problems, and victims of trauma. The Committee notes that canine therapy is a promising area for further research as a complementary or alternative treatment for the signature wounds sustained in ongoing conflicts. Therefore, the Committee continues to encourage the Service Surgeons General to initiate or expand their research into canine therapy to validate its therapeutic effectiveness in the treatment of PTSD and TBI.

#### WATER SAFETY ON MILITARY BASES

The Committee is concerned about actual and potential incidents of contaminated drinking water on and around military bases. The Committee understands that in more than one instance, the Services' use of firefighting foam during training exercises caused perfluorinated chemicals to enter the ground and drinking water supply. It is the responsibility of the Department of Defense to ensure that its activities do not adversely affect supplies of drinking water at military installations and in surrounding communities. Additionally, appropriate policies and procedures must be in place

to address any future contaminations, including the availability of clean drinking water in the event of an incident.

Therefore, the Committee directs the Assistant Secretary of Defense (Health Affairs) to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that identifies the current water quality status of each of the military bases worldwide. The report should outline the current procedures that are in place to provide clean drinking water if the current water supply is deemed unhealthy. Additionally, the Committee directs the Assistant Secretary of Defense (Health Affairs) to conduct a study to determine if the Department's current policies and procedures for monitoring drinking water are sufficient and to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act with the results of the study and recommendations for improving the quality of water testing.

#### HYPERBARIC OXYGEN THERAPY

In December 2015, the Government Accountability Office (GAO) published a report that identified research on the use of hyperbaric oxygen therapy to treat traumatic brain injury (TBI) and post-traumatic stress disorder (PTSD). Patients suffering from these conditions are often prescribed various psychotropic drugs to ease their symptoms. These drugs often have negative side effects and carry the risk of leading to dependency. The GAO report indicated that there is no conclusive evidence at this point to determine whether or not hyperbaric oxygen therapy is effective. The Committee urges the Assistant Secretary of Defense (Health Affairs) to continue to study the effects of hyperbaric therapy on servicemembers with TBI and/or PTSD and to continually inform the House and Senate Appropriations Committees on its progress.

#### APPLIED BIOMEDICAL TECHNOLOGY

The Committee is encouraged by scientific advances which may enhance the ability to diagnose and treat chronic conditions caused by neurotrauma, including post-traumatic stress disorder and traumatic brain injury. The Committee is eager to review findings from the Defense Health Agency's applied biomedical technology research to enhance military readiness and encourages the Assistant Secretary of Defense (Health Affairs) to explore the development of a diagnostic tool which uses advanced imaging analysis to assess demyelination in various patient populations.

#### SERVICE RECORDS LOSS THROUGH FIRE

The 1973 fire at the National Personnel Records Center in Overland, Missouri destroyed millions of military service records. This loss has created numerous challenges for some veterans and has prevented access to benefits and decorations earned through their service. While the Department of Defense and the Department of Veterans Affairs have an established process for veterans affected by this fire, the coordination between the two Departments could be improved. The Committee urges the Secretary of Defense and the Secretary of Veterans Affairs to create a clear, coordinated plan



to improve the process to address the issue of proving military service when a veteran's official service record has been lost or destroyed while in possession of the federal government.

#### BURN PATIENT TRANSFER SYSTEM

The Committee understands the necessity of developing strategies and technologies to improve the logistics of burn patient triage and transfer in and between military and civilian treatment facilities in the event of a mass casualty event. The Committee recognizes that, following such an event, military treatment facilities would experience a significant increase in burn patient volume. The ability to maximize efficiency and effectiveness of triage and subsequent care would be critical to the management of an overwhelming surge in burn patient volume and intensity. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to research the development of a burn patient transfer system that would provide a platform for reporting immediate and surge burn bed availability and electronically match patient acuity with open beds at clinical burn facilities within the system.

#### THERMAL INJURY PROTECTION SYSTEMS

The Committee is aware of ongoing efforts to protect servicemembers from burn injuries related to engine, fuel tank, crew compartment, and external fires that are triggered by hostile actions. It is imperative that safe and effective combat prevention and protection technologies, including passive fire suppression systems, are available on military vehicles in theater. The Committee encourages the use of technologies that continue to support protection from potential burn injuries.

#### EXISTING RESEARCH NEEDS

The Committee encourages the Service Surgeons General and the Director of the Defense Health Agency to continue to focus on the medical research needs of servicemembers and their families and to make recommendations on where research gaps exist and how to address these shortfalls. The research programs supported by Congress and the Department of Defense are valuable tools for addressing gaps in medical research and should be focused on efforts that make the greatest impact on servicemembers and their families with input from all of the Services.

#### HIV TESTING

The Committee believes that all health delivery services within the Military Health System, including HIV testing, should be of the highest quality and should be administered in the most cost effective and efficient manner possible. The Committee remains concerned with the decisions by the Department of the Navy and the Department of the Army to transition HIV testing from a contracted service to an in-house capability. The Committee directs the Department of Defense Inspector General to examine the business case analyses undertaken by the Army and the Navy, including data on cost, performance, flexibility, and subject matter expertise,

and to provide a report on its findings to the congressional defense committees not later than 90 days after the enactment of this Act.

#### OPIOID ABUSE IN THE MILITARY

The Committee is concerned by the high rate of opioid abuse among servicemembers. Despite low levels of illicit drug use, abuse of prescription drugs by servicemembers is higher than in the general population. The Committee understands that servicemembers face unique wartime stresses—multiple deployments and combat exposure can lead to conditions such as post-traumatic stress disorder, which can further exacerbate the need for pain medications. The Committee notes the strong commitment of the Department of Defense and the Department of Veterans Affairs to research improved pain management protocols, including the formation of a Pain Management Task Force. A National Advisory Council on Complementary and Integrative Health working group recommended that the Department of Defense and the Department of Veterans Affairs undertake one or more large-scale studies to answer important policy and patient care questions about the use of integrative approaches in pain management. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to examine the feasibility of completing the large-scale studies. Additionally, the Centers for Disease Control recently published guidelines for prescribing opioids for chronic pain. The Committee encourages the Assistant Secretary of Defense (Health Affairs) to ensure its prescribers are familiar with the guidelines and also to prioritize abuse-deterrent formulations of prescription opioids through TRICARE formularies.

#### CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Fiscal year 2016 appropriation. ....	\$699,821,000
Fiscal year 2017 budget request .....	551,023,000
Committee recommendation .....	551,023,000
Change from budget request .....	---

The Committee recommends an appropriation of \$551,023,000 for Chemical Agents and Munitions Destruction, Defense which will provide the following program in fiscal year 2017:

#### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE .....	147,282	147,282	---
PROCUREMENT .....	15,132	15,132	---
RESEARCH, DEVELOPMENT, TEST AND EVALUATION .....	388,609	388,609	---
TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE .....	551,023	551,023	---

## DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

Fiscal year 2016 appropriation .....	\$1,050,598,000
Fiscal year 2017 budget request .....	844,800,000
Committee recommendation .....	908,800,000
Change from budget request .....	+64,000,000

The Committee recommends an appropriation of \$908,800,000 for Drug Interdiction and Counter-Drug Activities, Defense which will provide the following program in fiscal year 2017:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
COUNTER NARCOTICS SUPPORT .....	730,087	631,087	- 99,000
Transfer to National Guard counter-drug program .....		- 99,000	
DRUG DEMAND REDUCTION PROGRAM .....	114,713	118,713	4,000
Program increase—Young Marines .....		4,000	
NATIONAL GUARD COUNTER-DRUG PROGRAM .....	- - -	159,000	159,000
Transfer from counter-narcotics support .....		99,000	
Program increase .....		60,000	
 TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	 844,800	 908,800	 64,000

## JOINT URGENT OPERATIONAL NEEDS FUND

Fiscal year 2016 appropriation .....	- - -
Fiscal year 2017 budget request .....	\$99,300,000
Committee recommendation .....	- - -
Change from budget request .....	- 99,300,000

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

## OFFICE OF THE INSPECTOR GENERAL

Fiscal year 2016 appropriation .....	\$312,559,000
Fiscal year 2017 budget request .....	322,035,000
Committee recommendation .....	322,035,000
Change from budget request .....	- - -

The Committee recommends an appropriation of \$322,035,000 for the Office of the Inspector General which will provide the following program in fiscal year 2017:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE .....	318,935	318,882	- - -
RESEARCH, DEVELOPMENT, TEST AND EVALUATION .....	3,100	3,153	- - -
 TOTAL, OFFICE OF THE INSPECTOR GENERAL .....	 322,035	 322,035	 - - -



## TITLE VII

### RELATED AGENCIES

#### NATIONAL AND MILITARY INTELLIGENCE PROGRAMS

The National Intelligence Program and the Military Intelligence Program budgets funded in the Department of Defense Appropriations Act consist primarily of resources for the Director of National Intelligence including the Intelligence Community Management Staff, the Central Intelligence Agency (CIA), the Defense Intelligence Agency, the National Reconnaissance Office, the National Security Agency, the National Geospatial-Intelligence Agency, the intelligence services of the Departments of the Army, Navy, Air Force, and the CIA Retirement and Disability fund.

#### CLASSIFIED ANNEX

The Committee's budget review of classified programs is published in a separate, detailed, and comprehensive classified annex. The intelligence community, Department of Defense, and other organizations are expected to fully comply with the recommendations and directions in the classified annex accompanying the Department of Defense Appropriations Act, 2017.

#### CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

Fiscal year 2016 appropriation .....	\$514,000,000
Fiscal year 2017 budget request .....	514,000,000
Committee recommendation .....	514,000,000
Change from budget request .....	---

This appropriation provides payments of benefits to qualified beneficiaries in accordance with the Central Intelligence Agency Retirement Act of 1964 for Certain Employees (P.L. 88-643), as amended by Public Law 94-522. This statute authorized the establishment of the CIA Retirement and Disability System for certain employees and authorized the establishment and maintenance of a fund from which benefits would be paid to those beneficiaries.

The Committee recommends an appropriation of \$514,000,000 for the Central Intelligence Agency Retirement and Disability System Fund. This is a mandatory account.

#### INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

Fiscal year 2016 appropriation .....	\$505,206,000
Fiscal year 2017 budget request .....	533,596,000
Committee recommendation .....	483,596,000
Change from budget request .....	-21,610,000

The Committee recommends an appropriation of \$483,596,000 for the Intelligence Community Management Account.

## WILDLIFE TRAFFICKING

The Committee is concerned that wildlife poaching and trafficking, particularly of African elephant ivory, can be used as a source of funding by terrorist organizations, extremist militias, and transnational organized crime syndicates in Central and Eastern Africa. The Committee encourages the Director of National Intelligence to work with American and international law enforcement and partner countries to share information and analysis on transnational criminal organizations, terrorist entities, corrupt officials, and others that facilitate illegal wildlife trafficking.

## TITLE VIII

### GENERAL PROVISIONS

The accompanying bill includes 135 general provisions. A description of each provision follows:

Section 8001 provides that no funds made available in this Act may be used for publicity or propaganda purposes not authorized by Congress.

Section 8002 provides for conditions and limitations on the payment of compensation to, or employment of, foreign nationals.

Section 8003 provides that no funds made available in this Act may be obligated beyond the end of the fiscal year unless expressly provided for a greater period of availability elsewhere in the Act.

Section 8004 limits the obligation of certain funds provided in this Act during the last two months of the fiscal year.

Section 8005 has been amended and provides for the general transfer authority of working capital funds to other military functions.

Section 8006 provides that the tables titled "Explanation of Project Level Adjustments" in the Committee report and classified annex shall be carried out in the manner provided by the tables to the same extent as if the tables were included in the text of this Act.

Section 8007 has been amended and provides for the establishment of a baseline for application of reprogramming and transfer authorities for the current fiscal year.

Section 8008 provides for limitations on the use of transfer authority of working capital fund cash balances.

Section 8009 provides that none of the funds appropriated in this Act may be used to initiate a special access program without prior notification to the congressional defense committees.

Section 8010 provides limitations and conditions on the use of funds made available in this Act to initiate multi-year contracts.

Section 8011 provides for the use and obligation of funds for humanitarian and civic assistance costs.

Section 8012 has been amended and provides that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations.

Section 8013 prohibits funding from being used to influence congressional action on any matters pending before the Congress.

Section 8014 prohibits compensation from being paid to any member of the Army who is participating as a full-time student and who receives benefits from the Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment.

Section 8015 provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-Protégé Program.

Section 8016 provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Section 8017 prohibits funds made available to the Department of Defense from being used to demilitarize or dispose of certain surplus firearms and small arms ammunition or ammunition components.

Section 8018 provides a limitation on funds for the relocation of any Department of Defense entity into or within the National Capital Region.

Section 8019 provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Section 8020 provides that no funding for the Defense Media Activity may be used for national or international political or psychological activities.

Section 8021 provides for the obligation of funds for purposes specified in section 2350j(c) of title 10, United States Code, in anticipation of receipt of contributions from the Government of Kuwait.

Section 8022 has been amended and provides funding for the Civil Air Patrol Corporation.

Section 8023 has been amended and prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers (FFRDC), with certain limitations and reduces funding provided for FFRDCs.

Section 8024 provides for the Department of Defense to procure carbon, alloy, or armor steel plate melted and rolled only in the United States and Canada.

Section 8025 defines the congressional defense committees as being the Armed Services Committees of the House and Senate and the Subcommittees on Defense of the Committees on Appropriations of the House and Senate.

Section 8026 provides for competitions between private firms and Department of Defense Depot Maintenance Activities.

Section 8027 provides for the revocation of blanket waivers of the Buy American Act.

Section 8028 provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Section 8029 provides for the conveyance, without consideration, of relocatable housing units that are excess to the needs of the Air Force.

Section 8030 provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than \$250,000.

Section 8031 prohibits the use of funds to disestablish, close, downgrade from host to extension center, or place on probation a Senior Reserve Officers' Training Corps.

Section 8032 prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.



Section 8033 has been amended and prohibits the use of Working Capital Funds to purchase specified investment items.

Section 8034 has been amended and provides that none of the funds appropriated for the Central Intelligence Agency shall remain available for obligation beyond the current fiscal year except for funds appropriated for the Reserve for Contingencies, the Working Capital Fund, or other programs as specified.

Section 8035 provides that funds available for the Defense Intelligence Agency may be used for the design, development, and deployment of General Defense Intelligence Program intelligence communications and intelligence information systems.

Section 8036 provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Section 8037 requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

Section 8038 provides conditions under which contracts for studies, analyses, or consulting services may be entered into without competition on the basis of an unsolicited proposal.

Section 8039 places certain limitations on the use of funds made available in this Act to establish Field Operating Agencies.

Section 8040 places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

Section 8041 has been amended and provides for the rescission of \$1,283,416,000 from the following programs:

**2015 Appropriations:**

Aircraft Procurement, Army:	
Network and mission plan .....	\$15,000,000
Other Procurement, Army:	
Installation of information infrastructure .....	30,000,000
Aircraft Procurement, Navy:	
EA-18G .....	150,000,000
Weapons Procurement, Navy:	
Fleet satellite comm follow-on .....	16,698,000
Procurement of Ammunition, Navy and Marine Corps	
LRLAP 6 inch long range attack projectile .....	43,600,000
Aircraft Procurement, Air Force:	
HC-130J .....	18,000,000
MC-130J .....	12,000,000
MQ-1 Mods .....	2,000,000
MQ-9 depot activation .....	25,000,000
Target drones .....	8,800,000

**2016 Appropriations:**

Procurement of Ammunition, Army:	
Demolition munitions .....	8,000,000
Simulators .....	5,000,000
Other Procurement, Army:	
Information systems .....	40,000,000
Modification of in-service equipment .....	18,000,000
Aircraft Procurement, Navy, 2016/2018	
F-35 CV .....	6,755,000
Weapons Procurement, Navy:	
Sidewinder .....	5,307,000
Standard missile .....	10,106,000
Procurement of Ammunition, Navy and Marine Corps:	
81mm all types .....	1,000,000
Shipbuilding and Conversion, Navy:	
DDG-51 .....	262,000,000
LPD-17 .....	14,906,000

Other Procurement, Navy:	
Remote minehunting system .....	53,077,000
Surface combatant HM&E .....	1,317,000
Aircraft Procurement, Air Force:	
HC-130J .....	12,500,000
KC-135 block 40/45 installs .....	9,000,000
KC-135 post production support .....	1,500,000
KC-46 .....	148,800,000
MC-130J .....	4,500,000
MQ-1 mods .....	2,000,000
Other Procurement, Air Force:	
Night vision goggles .....	5,950,000
Classified adjustment .....	17,300,000
Procurement, Defense-Wide:	
Classified adjustment .....	2,600,000
Research, Development, Test and Evaluation, Army:	
Communications security equipment .....	6,000,000
Concepts experimentation .....	6,000,000
Information technology development .....	21,000,000
Manpower, personnel, training advanced technology .....	5,000,000
Missile defense system integration .....	7,000,000
Missile and rocket advanced technology .....	10,000,000
Tactical command and control HW & SW .....	18,000,000
Research, Development, Test and Evaluation, Navy:	
Future unmanned carrier-based strike system .....	75,000,000
Research, Development, Test and Evaluation, Air Force:	
KC-46 EMD .....	181,400,000
Classified adjustment .....	300,000
Research, Development, Test and Evaluation, Defense-Wide:	
Classified adjustment .....	3,000,000

Section 8042 prohibits funds made available in this Act from being used to reduce authorized positions for military technicians (dual status) of the Army National Guard, Air National Guard, Army Reserve, and Air Force Reserve unless such reductions are a direct result of a reduction in military force structure.

Section 8043 prohibits funding from being obligated or expended for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Section 8044 provides for reimbursement to the National Guard and reserve components when members of the National Guard and reserve components provide intelligence or counterintelligence support to the combatant commands, Defense agencies, and Joint Intelligence Activities.

Section 8045 prohibits the transfer of Department of Defense and Central Intelligence Agencies drug interdiction and counter-drug activity funds to other agencies except as specifically provided in an appropriations law.

Section 8046 prohibits funding from being used for the procurement of ball and roller bearings other than those produced by a domestic source and of domestic origin.

Section 8047 has been amended and provides that competitively procured launch services must open for award to all certified providers of Evolved Expendable Launch Vehicle-class systems.

Section 8048 provides funding for Red Cross and United Service Organization grants.

Section 8049 prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

Section 8050 provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Section 8051 prohibits funding from being used for contractor bonuses being paid due to business restructuring.

Section 8052 provides for prior congressional notification of article or service transfers to international peacekeeping organizations.

Section 8053 provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Section 8054 provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Section 8055 prohibits the use of funds to modify command and control relationships to give Fleet Forces Command operational and administrative control of United States Navy forces assigned to the Pacific fleet.

Section 8056 provides funding for Sexual Assault Prevention and Response Programs.

Section 8057 provides for the limitation on the use of funds appropriated in title IV to procure end-items for delivery to military forces for operational training, operational use or inventory requirements.

Section 8058 provides for a waiver of "Buy America" provisions for certain cooperative programs.

Section 8059 prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Section 8060 provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

Section 8061 provides that the Secretary of Defense shall provide a classified quarterly report on certain matters as directed in the classified annex accompanying this Act.

Section 8062 provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Section 8063 prohibits the use of funds made available in this Act to transfer to any nongovernmental entity ammunition held by the Department of Defense that has a center-fire cartridge and is designated as "armor piercing" except for demilitarization purposes.

Section 8064 provides for a waiver by the Chief of the National Guard Bureau or his designee for all or part of consideration in cases of personal property leases of less than one year.

Section 8065 has been amended and provides for the transfer of funds made available in this Act under Operation and Maintenance, Army to other activities of the Federal Government for classified purposes.

Section 8066 prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

Section 8067 provides grant authority for the construction and furnishing of additional Fisher Houses to meet the needs of military family members when confronted with the illness or hospitalization of an eligible military beneficiary.

Section 8068 has been amended and provides funding and transfer authority for the Israeli Cooperative Programs.

Section 8069 has been amended and provides for the funding of prior year shipbuilding cost increases.

Section 8070 has been amended and provides that funds made available in this Act for intelligence activities are deemed to be specifically authorized by Congress for purposes of section 504 of the National Security Act of 1947 until the enactment of the Intelligence Authorization Act for the current fiscal year.

Section 8071 prohibits funding from being used to initiate a new start program without prior written notification.

Section 8072 provides that the budget of the President for the subsequent fiscal year shall include separate budget justification documents for costs of the United States Armed Forces' participation in contingency operations for the military personnel, operation and maintenance, and procurement accounts.

Section 8073 prohibits funding from being used for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Section 8074 has been amended and reduces appropriations to reflect savings due to favorable exchange rates.

Section 8075 prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Section 8076 prohibits funding from being used for the integration of foreign intelligence information unless the information has been lawfully collected and processed during conduct of authorized foreign intelligence activities.

Section 8077 prohibits funding from being used to transfer program authority relating to current tactical unmanned aerial vehicles from the Army and requires the Army to retain responsibility for and operational control of the MQ-1C Unmanned Aerial Vehicle.

Section 8078 provides funding under certain conditions for the Asia Pacific Regional Initiative Program for the purpose of enabling the Pacific Command to execute certain Theater Security Cooperation activities.

Section 8079 has been amended and limits the availability of funding provided for the Office of the Director of National Intelligence beyond the current fiscal year, except for funds appropriated for research and technology, which shall remain available for the current and the following fiscal years.

Section 8080 provides for the adjustment of obligations within the Shipbuilding and Conversion, Navy appropriation.

Section 8081 has been amended and provides for the establishment of a baseline for application of reprogramming and transfer authorities for the Office of the Director of National Intelligence for the current fiscal year.

Section 8082 prohibits the use of funds to modify Army Contracting Command—New Jersey without prior congressional notification.

Section 8083 prohibits funding from being used to violate the Child Soldiers Prevention Act of 2008.

Section 8084 has been amended provides for the transfer of funds by the Director of National Intelligence to other departments and

agencies for the purposes of Government-wide information sharing activities.

Section 8085 provides for limitations on funding provided for the National Intelligence Program to be available for obligation or expenditure through a reprogramming or transfer of funds in accordance with section 102A(d) of the National Security Act of 1947 (50 U.S.C. 403-1(d)).

Section 8086 directs the Director of National Intelligence to submit a future-years intelligence program reflecting estimated expenditures and proposed appropriations.

Section 8087 defines the congressional intelligence committees as being the Permanent Select Committee on Intelligence of the House, the Select Committee on Intelligence of the Senate, and the Subcommittees on Defense of the Committees on Appropriations of the House and Senate.

Section 8088 directs the Department of Defense to continue to report incremental contingency operations costs for Operation Inherent Resolve, Operation Enduring Freedom, or any other named successor operations on a monthly basis in the Cost of War Execution Report as required by Department of Defense Financial Management Regulation.

Section 8089 provides the authority to transfer funding from operation and maintenance accounts for the Army, Navy, and Air Force to the central fund for Fisher Houses and Suites.

Section 8090 provides that funds appropriated in this Act may be available for the purpose of making remittances and transfers to the Defense Acquisition Workforce Development Fund.

Section 8091 provides that any agency receiving funds made available in this Act shall post on a public website any report required to be submitted by Congress with certain exceptions.

Section 8092 prohibits the use of funds for federal contracts in excess of \$1,000,000 unless the contractor agrees not to require, as a condition of employment, that employees or independent contractors agree to resolve through arbitration any claim or tort related to, or arising out of, sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention, and to certify that each covered subcontractor agrees to do the same.

Section 8093 has been amended and provides funds for transfer to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8094 provides for the purchase of heavy and light armed vehicles for the physical security of personnel or for force protection purposes up to a limit of \$450,000 per vehicle.

Section 8095 has been amended and prohibits the use of funds providing certain missile defense information to certain entities.

Section 8096 has been amended and provides the Director of National Intelligence with general transfer authority with certain limitations.

Section 8097 prohibits funding to transfer or release any individual detained at Guantanamo Bay, Cuba into the United States, its territories, or possessions. This language is identical to language enacted in Public Law 112-74.

Section 8098 prohibits funding to modify any United States facility (other than the facility at Guantanamo Bay, Cuba) to house any individual detained at Guantanamo Bay, Cuba. This language is identical to language enacted in Public Law 112-74.

Section 8099 has been amended and prohibits funding to transfer any individual detained at Guantanamo Bay, Cuba to a country of origin or other foreign country or entity unless the Secretary of Defense makes certain certifications. This language is similar to language enacted in Public Law 112-239.

Section 8100 prohibits funding from being used to violate the War Powers Resolution Act.

Section 8101 prohibits funds from being used to purchase or lease new light duty vehicles except in accordance with the Presidential Memorandum-Federal Fleet Performance.

Section 8102 prohibits funds from being used to enter into a contract, memorandum of understanding, or cooperative agreement with, make a grant to, or provide a loan or loan guarantee to Rosoboronexport, except under certain conditions.

Section 8103 prohibits the use of funds for the purchase or manufacture of a United States flag unless such flags are treated as covered items under section 2533a(b) of title 10, United States Code.

Section 8104 provides that funds may be used to provide ex gratia payments to local military commanders for damage, personal injury, or death that is incident to combat operations in a foreign country.

Section 8105 prohibits the use of funds to reduce or prepare to reduce the number of deployed and non-deployed strategic delivery vehicles and launchers.

Section 8106 directs the Secretary of Defense to post grant awards on a public website in a searchable format.

Section 8107 prohibits the use of funds for flight demonstration teams outside of the United States.

Section 8108 prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8109 prohibits the use of funds to implement the Arms Trade Treaty until ratified by the Senate.

Section 8110 prohibits the transfer of administrative or budgetary resources to the jurisdiction of another Federal agency not financed by this Act without the express authorization of Congress.

Section 8111 prohibits the use of funds to provide counterterrorism support to foreign partners unless the congressional defense committees are notified accordingly.

Section 8112 prohibits the use of funds to contravene the War Powers Resolution with respect to Iraq.

Section 8113 prohibits the use of funds to retire the A-10 aircraft.

Section 8114 provides funds to support Department of Defense activities related to the Digital Accountability and Transparency Act.

Section 8115 has been amended and 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.

Section 8116 has been amended and reduces Working Capital Funds to reflect excess cash balances.

Section 8117 has been amended and reduces the total amount appropriated to reflect lower than anticipated fuel prices.

Section 8118 prohibits the use of funds to retire the KC-10 fleet.

Section 8119 prohibits the use of funds to retire of the EC-130H aircraft.

Section 8120 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8121 prohibits the use of funds for Base Realignment and Closure.

Section 8122 is new and provides for multiyear procurement of AH-64E and UH-60M.

Section 8123 is new and provides transfer authority to the Ready Reserve Force, Maritime Administration for the National Defense Reserve Fleet.

Section 8124 is new and makes funds available to transfer from Ship Modernization, Operations and Sustainment Fund for equipping and modernizing Ticonderoga-class guided missile cruisers and Whidbey Island-class dock landing ships.

Section 8125 is new and provides funds to sustain security and suitability background investigations for the Office of Personnel Management.

Section 8126 is new and places restrictions on the obligation of funds for the Joint Surveillance Target Attack Radar System recapitalization program.

Section 8127 is new and provides for the availability of funds to implement cost-effective agreements for required heating facility modernization in the Kaiserslautern Military Community, Landstuhl Army Regional Medical Center, and Ramstein Air Base, Germany.

Section 8128 is new and provides funds for the transportation of fresh fruits and vegetables to commissaries in Asia and the Pacific.

Section 8129 is new and places restrictions on fresh fruits and vegetables accepted by commissaries in Asia and the Pacific.

Section 8130 is new and prohibits the use of funds to close facilities at Naval Station Guantanamo Bay.

Section 8131 is new and provides for the transfer of funds for pay for military personnel for purposes of fully funding the authorized military pay raise.

Section 8132 is new and prohibits the use of funds to enforce section 526 of the Energy Independence and Security Act of 2007.

Section 8133 is new and provides for the use of funds to research and respond to the Zika virus.

Section 8134 is new and provides for the availability of funds for military service memorials and museums that highlight the role of women in the military.

Section 8135 is new and prohibits funding for any computer network that does not block pornography, with certain exceptions.





## TITLE IX

### OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM

#### COMMITTEE RECOMMENDATION

In title IX, the Committee recommends total new appropriations of \$58,626,000,000. A detailed review of the Committee recommendation for programs funded in this title is provided in the following pages.

#### REPORTING REQUIREMENTS

The Committee directs the Secretary of Defense to continue to report incremental contingency operations costs for all current and new named operations that may have commenced in the Central Command Area of Responsibility 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 Secretary of Defense to continue providing Cost of War reports to the congressional defense committees that include the following information by appropriation account: funding appropriated, funding allocated, monthly obligations, monthly disbursements, cumulative fiscal year obligations, and cumulative fiscal year disbursements.

The Committee expects that in order to meet unanticipated requirements, the Secretary of Defense may need to transfer within these appropriations accounts for purposes other than those specified in this report. The Committee directs the Secretary of Defense to follow normal prior approval reprogramming procedures should it be necessary to transfer funding between different appropriations accounts in this title using authority provided in Section 9002 of this Act.

#### INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE FUND

The Committee recommendation includes \$500,000,000 to continue support for the Intelligence, Surveillance, and Reconnaissance (ISR) Fund, the same as the fiscal year 2016 enacted level. The Committee has repeatedly heard from combatant commanders of their need for greater capacity and capability in ISR, and commends the Secretary of Defense and the Service leaders for aggressively working to address this need. The Committee notes that the Air Force, which provides the majority of pilots for ISR assets and missions, has broadened the pool of potential operators by including enlisted servicemembers as pilots and has increased incentives to improve recruitment and retention. The Committee directs the Secretary of the Air Force to submit a report to the congressional defense committees not later than March 15, 2017 on the imple-

mentation progress of the "get well plan" for remotely piloted aircraft announced in January 2015, the current and projected shortfalls of pilots and sensor operators, and the proposed measures to increase supply of those critical skills.

Additionally, the Committee is concerned about the capability of current bandwidth capacity to meet the rapidly growing demand for increased communications and ISR information. The Committee encourages the Secretary of Defense and the Service Secretaries to identify opportunities for demand reduction, spectral efficiency, and new technological investments to ensure that warfighters have the timely and accurate information they rely upon.

#### SOUTHEAST ASIA

The Committee is concerned about the growth of violent Islamic extremism throughout Southeast Asia. Militant followers of Abu Sayyaf are using kidnapping and demands for ransom to raise funds for their extremist cause. As recently as April 2016, the group held true to their threats for ransom and beheaded a retired Canadian businessman in the tropical jungles of the Southern Philippines. Although the Philippine government insists that these acts are merely the works of bandits and opportunists, and that the Islamic State has no presence in the nation's south, evidence shows that the followers of Abu Sayyaf are aligning themselves with the Islamic State of Iraq and the Levant. This group had previously attempted to align itself with al-Qaida to gain stature and notoriety.

It is strongly believed that militants from Malaysia, Indonesia, and the Middle East have a shaped and unified effort on Basilan Island, a province of the Philippines within the unconstitutional, yet self-claimed Autonomous Region in Muslim Mindanao and in and around the Sulu Sea, and have struck a new alliance under the Islamic State flag to help recruit Filipinos.

The 600 person United States Joint Special Operations Task Force-Philippines (JSOTF-P), tasked to help the Philippine military fight Islamic militants, came to a close in May 2015, ending 13 years of an advise and assist mission in coordination with Philippine commandos fighting Islamic separatists in the southern Philippine islands. All that remains is a foreign liaison element that provides operational counterterrorism assistance to higher levels of command within the Philippine Security Forces.

The Committee applauds the successful effort of the task force during its 13 year presence, but following the task force's reduction and shift in effort, the Committee is seriously concerned about the recent resurgence of violent Islamic separatist activity in the area. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the Department of Defense's counterterrorism efforts in Southeast Asia and the appropriate funding level required for fiscal year 2018, should forces be reinstated to a 600 person level.

Additionally, the Committee is concerned about the state of military-to-military relations in Thailand. While the Committee recognizes that the events of 2014 have weakened political relations between the countries, it is imperative that the security relationship remains strong. Since the 2014 coup, the Committee notes that the

Thai leadership has been expanding its alliances with Russia and China. The Committee strongly encourages the Secretary of Defense to ensure that United States military leaders, including senior uniformed leaders, are able to travel to Thailand to build and strengthen this important strategic relationship.

#### MILITARY PERSONNEL

The Committee recommends an additional appropriation of \$4,400,203,000 for Military Personnel. The Committee recommendation for each military personnel account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
<b>MILITARY PERSONNEL, ARMY</b>			
OCO/GWOT			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	315,786	315,786	0
RETIRED PAY ACCRUAL	74,526	74,526	0
BASIC ALLOWANCE FOR HOUSING	133,911	133,911	0
BASIC ALLOWANCE FOR SUBSISTENCE	11,866	11,866	0
INCENTIVE PAYS	1,543	1,543	0
SPECIAL PAYS	15,411	15,411	0
ALLOWANCES	11,970	11,970	0
SEPARATION PAY	4,541	4,541	0
SOCIAL SECURITY TAX	24,158	24,158	0
TOTAL, BA-1	593,712	593,712	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	506,209	506,209	0
RETIRED PAY ACCRUAL	119,465	119,465	0
BASIC ALLOWANCE FOR HOUSING	255,613	255,613	0
INCENTIVE PAYS	959	959	0
SPECIAL PAYS	47,347	47,347	0
ALLOWANCES	46,094	46,094	0
SEPARATION PAY	10,063	10,063	0
SOCIAL SECURITY TAX	38,725	38,725	0
TOTAL, BA-2	1,024,475	1,024,475	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	59,079	59,079	0
SUBSISTENCE-IN-KIND	222,742	222,742	0
TOTAL, BA-4	281,821	281,821	0
BA-5: PERMANENT CHANGE OF STATION TRAVEL			
OPERATIONAL TRAVEL	32,597	32,597	0
ROTATIONAL TRAVEL	12,059	12,059	0
TOTAL, BA-5	44,656	44,656	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
INTEREST ON UNIFORMED SERVICES SAVINGS	2,194	2,194	0
DEATH GRATUITIES	1,200	1,200	0
UNEMPLOYMENT BENEFITS	89,464	89,464	0
SGI EXTRA HAZARD PAYMENTS	8,184	8,184	0
TRAUMATIC INJURY PROTECTION COVERAGE	5,872	5,872	0
TOTAL, BA-6	106,914	106,914	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-861,861	-861,861
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	81,585	81,585
SUBTOTAL, OCO/GWOT	2,051,578	1,271,302	-780,276
OCO/GWOT FOR BASE REQUIREMENTS			
INCREASE IN ARMY END STRENGTH	0	1,154,828	1,154,828

M-1	Budget Request	Committee Recommended	Change from Request
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	1,154,828	1,154,828
TOTAL, MILITARY PERSONNEL, ARMY	2,051,578	2,426,130	374,552
MILITARY PERSONNEL, NAVY			
OCO/GWOT			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	58,913	58,913	0
RETIRED PAY ACCRUAL	13,903	13,903	0
BASIC ALLOWANCE FOR HOUSING	19,879	19,879	0
BASIC ALLOWANCE FOR SUBSISTENCE	2,141	2,141	0
INCENTIVE PAYS	480	480	0
SPECIAL PAYS	3,128	3,128	0
ALLOWANCES	7,280	7,280	0
SOCIAL SECURITY TAX	4,507	4,507	0
TOTAL, BA-1	110,231	110,231	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	76,964	76,964	0
RETIRED PAY ACCRUAL	18,183	18,183	0
BASIC ALLOWANCE FOR HOUSING	40,353	40,353	0
INCENTIVE PAYS	211	211	0
SPECIAL PAYS	5,931	5,931	0
ALLOWANCES	16,913	16,913	0
SOCIAL SECURITY TAX	5,888	5,888	0
TOTAL, BA-2	164,423	164,423	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	8,693	8,693	0
SUBSISTENCE-IN-KIND	25,446	25,446	0
TOTAL, BA-4	34,139	34,139	0
BA-5: PERMANENT CHANGE OF STATION TRAVEL			
ACCESSION TRAVEL	1,427	1,427	0
OPERATIONAL TRAVEL	1,825	1,825	0
ROTATIONAL TRAVEL	4,634	4,634	0
SEPARATION TRAVEL	1,937	1,937	0
TOTAL, BA-5	9,823	9,823	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
DEATH GRATUITIES	300	300	0
UNEMPLOYMENT BENEFITS	6,959	6,959	0
RESERVE INCOME REPLACEMENT PROGRAM	9	9	0
SGLI EXTRA HAZARD PAYMENTS	4,673	4,673	0
TOTAL, BA-6	11,941	11,941	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-138,851	-138,851
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	2,295	2,295
SUBTOTAL, OCO/GWOT	330,557	194,001	-136,556

M-1	Budget Request	Committee Recommended	Change from Request
OCO/GWOT FOR BASE REQUIREMENTS			
FUND 10TH CARRIER WING PERSONNEL	0	63,500	63,500
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	63,500	63,500
TOTAL, MILITARY PERSONNEL, NAVY	330,557	257,501	-73,056
MILITARY PERSONNEL, MARINE CORPS			
OCO/GWOT			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	29,855	29,855	0
RETIRED PAY ACCRUAL	7,046	7,046	0
BASIC ALLOWANCE FOR HOUSING	8,814	8,814	0
BASIC ALLOWANCE FOR SUBSISTENCE	996	996	0
SPECIAL PAYS (AND INCENTIVE PAYS)	1,616	1,616	0
ALLOWANCES	1,939	1,939	0
SEPARATION PAY	5,939	5,939	0
SOCIAL SECURITY TAX	2,284	2,284	0
TOTAL, BA-1	58,489	58,489	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	17,509	17,509	0
RETIRED PAY ACCRUAL	4,132	4,132	0
BASIC ALLOWANCE FOR HOUSING	8,788	8,788	0
INCENTIVE PAYS	16	16	0
SPECIAL PAYS	4,449	4,449	0
ALLOWANCES	6,012	6,012	0
SEPARATION PAY	74,707	74,707	0
SOCIAL SECURITY TAX	1,339	1,339	0
TOTAL, BA-2	116,962	116,962	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	2,103	2,103	0
TOTAL, BA-4	2,103	2,103	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
INTEREST ON UNIFORMED SERVICES SAVINGS	302	302	0
SGLI EXTRA HAZARD PAYMENTS	1,877	1,877	0
TOTAL, BA-6	2,179	2,179	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-75,497	-75,497
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	306	306
SUBTOTAL, OCO/GWOT	179,733	104,542	-75,191
OCO/GWOT FOR BASE REQUIREMENTS			
INCREASE IN MARINE CORPS END STRENGTH	0	300,000	300,000
PERMANENT CHANGE OF STATION RESTORAL	0	49,000	49,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	349,000	349,000
TOTAL, MILITARY PERSONNEL, MARINE CORPS	179,733	453,542	273,809

M-1	Budget Request	Committee Recommended	Change from Request
<b>MILITARY PERSONNEL, AIR FORCE</b>			
OCO/GWOT			
BA-1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY	104,751	104,751	0
RETIRED PAY ACCRUAL	24,721	24,721	0
BASIC ALLOWANCE FOR HOUSING	33,351	33,351	0
BASIC ALLOWANCE FOR SUBSISTENCE	3,745	3,745	0
SPECIAL PAYS	5,227	5,227	0
ALLOWANCES	5,510	5,510	0
SOCIAL SECURITY TAX	8,013	8,013	0
TOTAL, BA-1	185,418	185,418	0
BA-2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY	199,730	199,730	0
RETIRED PAY ACCRUAL	47,136	47,136	0
BASIC ALLOWANCE FOR HOUSING	86,671	86,671	0
SPECIAL PAYS	20,006	20,006	0
ALLOWANCES	19,146	19,146	0
SOCIAL SECURITY TAX	15,279	15,279	0
TOTAL, BA-2	387,968	387,968	0
BA-4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE	22,208	22,208	0
SUBSISTENCE-IN-KIND	93,369	93,369	0
TOTAL, BA-4	115,577	115,577	0
BA-6: OTHER MILITARY PERSONNEL COSTS			
DEATH GRATUITIES	1,000	1,000	0
UNEMPLOYMENT BENEFITS	24,626	24,626	0
SGLI EXTRA HAZARD PAYMENTS	5,307	5,307	0
TOTAL, BA-6	30,933	30,933	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-302,394	-302,394
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	29,290	29,290
SUBTOTAL, OCO/GWOT	719,896	446,792	-273,104
OCO/GWOT FOR BASE REQUIREMENTS			
INCREASE IN AIR FORCE END STRENGTH	0	145,000	145,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	145,000	145,000
TOTAL, MILITARY PERSONNEL, AIR FORCE	719,896	591,792	-128,104
<b>RESERVE PERSONNEL, ARMY</b>			
OCO/GWOT			
BA-1: UNIT AND INDIVIDUAL TRAINING			
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	2,773	2,773	0
SPECIAL TRAINING	39,733	39,733	0
TOTAL, BA-1	42,506	42,506	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-17,855	-17,855

M-1	Budget Request	Committee Recommended	Change from Request
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	6,161	6,161
SUBTOTAL, OCO/GWOT	42,506	30,812	-11,694
OCO/GWOT FOR BASE REQUIREMENTS			
INCREASE IN ARMY END STRENGTH	0	172,362	172,362
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	172,362	172,362
<b>TOTAL, RESERVE PERSONNEL, ARMY</b>	<b>42,506</b>	<b>203,174</b>	<b>160,668</b>
<b>RESERVE PERSONNEL, NAVY</b>			
OCO/GWOT			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	11,574	11,574	0
ADMINISTRATION AND SUPPORT	355	355	0
TOTAL, BA-1	11,929	11,929	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-5,011	-5,011
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	987	987
<b>TOTAL, RESERVE PERSONNEL, NAVY</b>	<b>11,929</b>	<b>7,905</b>	<b>-4,024</b>
<b>RESERVE PERSONNEL, MARINE CORPS</b>			
OCO/GWOT			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	3,700	3,700	0
ADMINISTRATION AND SUPPORT	64	64	0
TOTAL, BA-1	3,764	3,764	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-1,581	-1,581
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	904	904
<b>TOTAL, RESERVE PERSONNEL, MARINE CORPS</b>	<b>3,764</b>	<b>3,087</b>	<b>-677</b>
<b>RESERVE PERSONNEL, AIR FORCE</b>			
OCO/GWOT			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	20,535	20,535	0
TOTAL, BA-1	20,535	20,535	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-6,901	-6,901
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	2,345	2,345
<b>TOTAL, RESERVE PERSONNEL, AIR FORCE</b>	<b>20,535</b>	<b>15,979</b>	<b>-4,556</b>



M-1	Budget Request	Committee Recommended	Change from Request
<b>NATIONAL GUARD PERSONNEL, ARMY</b>			
OCO/GWOT			
BA-1: UNIT AND INDIVIDUAL TRAINING			
PAY GROUP A TRAINING (15 DAYS and DRILLS 24/48)	33,702	33,702	0
SCHOOL TRAINING	47,658	47,658	0
SPECIAL TRAINING	105,939	105,939	0
ADMINISTRATION AND SUPPORT	9,173	9,173	0
TOTAL, BA-1	196,472	196,472	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-82,523	-82,523
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	6,565	6,565
SUBTOTAL, OCO/GWOT	196,472	120,514	-75,958
OCO/GWOT FOR BASE REQUIREMENTS			
INCREASE IN ARMY END STRENGTH	0	316,454	316,454
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	316,454	316,454
TOTAL, NATIONAL GUARD PERSONNEL, ARMY	196,472	436,968	240,496
<b>NATIONAL GUARD PERSONNEL, AIR FORCE</b>			
OCO/GWOT			
BA-1: UNIT AND INDIVIDUAL TRAINING			
SPECIAL TRAINING	5,288	5,288	0
TOTAL, BA-1	5,288	5,288	0
REDUCTION TO SUPPORT READINESS SHORTFALLS	0	-1,725	-1,725
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	562	562
TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE	5,288	4,125	-1,163
TOTAL, MILITARY PERSONNEL	3,562,258	4,400,203	837,945

## OPERATION AND MAINTENANCE

The Committee recommends an additional appropriation of \$35,544,657,000 for Operation and Maintenance. The Committee recommendation for each operation and maintenance account is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
<b>OPERATION AND MAINTENANCE, ARMY</b>			
<b>OCO/GWOT</b>			
111 MANEUVER UNITS	723,945	713,145	-10,800
Army requested transfer to title IX WTCV,A lines 5 and 13		-10,800	
112 MODULAR SUPPORT BRIGADES	5,904	5,904	0
113 ECHELONS ABOVE BRIGADE	38,614	38,614	0
114 THEATER LEVEL ASSETS	1,651,817	1,651,817	0
115 LAND FORCES OPERATIONS SUPPORT	835,138	703,138	-132,000
Army requested transfer to title IX WTCV,A lines 5 and 13		-132,000	
116 AVIATION ASSETS	165,044	165,044	0
121 FORCE READINESS OPERATIONS SUPPORT	1,759,378	1,754,378	-2,000
Army requested transfer to title IX WTCV,A lines 5 and 13		-2,000	
122 LAND FORCES SYSTEMS READINESS	348,174	348,174	0
123 LAND FORCES DEPOT MAINTENANCE	350,000	350,000	0
131 BASE OPERATIONS SUPPORT	40,000	40,000	0
135 ADDITIONAL ACTIVITIES	5,990,878	5,990,878	0
136 COMMANDERS' EMERGENCY RESPONSE PROGRAM	5,000	5,000	0
137 RESET	1,092,542	1,092,542	0
138 COMBATANT COMMAND DIRECT MISSION SUPPORT	79,568	79,568	0
212 ARMY PREPOSITIONED STOCKS	350,200	130,000	-220,200
Army requested transfer to title IX WTCV,A lines 5 and 13 and SAG 421		-220,200	
321 SPECIALIZED SKILL TRAINING	3,565	3,565	0
323 PROFESSIONAL DEVELOPMENT EDUCATION	9,021	9,021	0
324 TRAINING SUPPORT	2,434	2,434	0
334 CIVILIAN EDUCATION AND TRAINING	1,254	1,254	0
421 SERVICEWIDE TRANSPORTATION	740,400	860,400	120,000
Army requested transfer from SAG 212		120,000	

O-1	Budget Request	Committee Recommended	Change from Request
424 AMMUNITION MANAGEMENT	13,974	13,974	0
434 OTHER PERSONNEL SUPPORT	105,508	105,508	0
437 REAL ESTATE MANAGEMENT	165,678	165,678	0
CLASSIFIED PROGRAMS	835,551	835,551	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-6,201,899	-6,201,899
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	1,532,320	1,532,320
SUBTOTAL, OCO/GWOT	15,310,587	10,396,008	-4,914,579
OCO/GWOT FOR BASE REQUIREMENTS			
111 MANEUVER UNITS	0	50,000	50,000
Program increase - training from BN+ to BCT-		50,000	
116 AVIATION ASSETS	0	100,500	100,500
Program increase - meet air readiness targets		68,000	
Program increase - support eleventh CAB		32,500	
131 BASE OPERATIONS SUPPORT	0	22,100	22,100
Program increase - support eleventh CAB		22,100	
132 FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION	0	411,250	411,250
Program increase - restoration and modernization		197,700	
Program increase - sustainment		213,550	
322 FLIGHT TRAINING	0	42,934	42,934
Program increase - AVN restructure initiative		5,405	
Program increase - increase student workload		31,125	
Program increase - train full APRINT load of 990		6,404	
323 PROFESSIONAL DEVELOPMENT EDUCATION	0	31,600	31,600
Program increase		31,600	
331 RECRUITING AND ADVERTISING	0	356,000	356,000
Program increase		356,000	
421 SERVICEWIDE TRANSPORTATION	0	65,000	65,000
Program increase - restore critical shortfalls		65,000	
OPERATIONAL SUPPORT FOR INCREASE IN ARMY END STRENGTH	0	704,288	704,288
RESTORE READINESS	0	403,000	403,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	2,186,672	2,186,672
TOTAL, OPERATION AND MAINTENANCE, ARMY	15,310,587	12,582,680	-2,727,907

O-1	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE, NAVY			
OCO/GWOT			
1A1A MISSION AND OTHER FLIGHT OPERATIONS	860,621	860,621	0
1A4A AIR OPERATIONS AND SAFETY SUPPORT	4,603	4,603	0
1A4N AIR SYSTEMS SUPPORT	159,049	159,049	0
1A5A AIRCRAFT DEPOT MAINTENANCE	113,994	113,994	0
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	1,840	1,840	0
1A9A AVIATION LOGISTICS	35,529	35,529	0
1B1B MISSION AND OTHER SHIP OPERATIONS	1,073,080	1,073,080	0
1B2B SHIP OPERATIONS SUPPORT & TRAINING	17,306	17,306	0
1B4B SHIP DEPOT MAINTENANCE	2,903,431	2,903,431	0
1C1C COMBAT COMMUNICATIONS	21,257	21,257	0
1C4C WARFARE TACTICS	22,603	22,603	0
1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	22,934	22,934	0
1C6C COMBAT SUPPORT FORCES	568,511	568,511	0
1C7C EQUIPMENT MAINTENANCE	11,358	11,358	0
1D3D IN-SERVICE WEAPONS SYSTEMS SUPPORT	61,000	61,000	0
1D4D WEAPONS MAINTENANCE	289,045	289,045	0
1D7D OTHER WEAPONS SYSTEMS SUPPORT	8,000	8,000	0
BSM1 FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION	27,089	27,089	0
BSS1 BASE OPERATING SUPPORT	219,625	219,625	0
2B1G AIRCRAFT ACTIVATIONS / INACTIVATIONS	1,530	1,530	0
2C1H EXPEDITIONARY HEALTH SERVICE SYSTEM	8,904	8,904	0
2C3H COAST GUARD SUPPORT	162,692	162,692	0
3B1K SPECIALIZED SKILL TRAINING	43,366	43,366	0
4A1M ADMINISTRATION	3,764	3,764	0
4A2M EXTERNAL RELATIONS	515	515	0
4A4M MILITARY MANPOWER AND PERSONNEL	5,409	5,409	0
4A5M OTHER PERSONNEL SUPPORT	1,578	1,578	0

O-1	Budget Request	Committee Recommended	Change from Request
4A6M SERVICEWIDE COMMUNICATIONS	25,617	25,617	0
4B1N SERVICEWIDE TRANSPORTATION	126,700	126,700	0
4B3N ACQUISITION AND PROGRAM MANAGEMENT	9,261	9,261	0
999 CLASSIFIED PROGRAMS	17,281	17,281	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-2,903,644	-2,903,644
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	23,335	23,335
SUBTOTAL, OCO/GWOT	6,827,391	3,947,082	-2,880,309
OCO/GWOT FOR BASE REQUIREMENTS			
1A1A MISSION AND OTHER FLIGHT OPERATIONS	0	56,250	56,250
Program increase - carrier air wing restoration		56,250	
1A2A FLEET AIR TRAINING	0	23,020	23,020
Program increase - carrier air wing restoration		23,020	
1A5A AIRCRAFT DEPOT MAINTENANCE	0	36,000	36,000
Program increase - improve afloat readiness		30,000	
Program increase - carrier air wing restoration		6,000	
1A9A AVIATION LOGISTICS	0	16,000	16,000
Program increase - improve afloat readiness		16,000	
1B1B MISSION AND OTHER SHIP OPERATIONS	0	258,000	258,000
Program increase - improve afloat readiness		158,000	
Program increase - restore three CG Deployments		41,000	
Program increase - PONCE (LPD-15)		59,000	
1B2B SHIP OPERATIONS SUPPORT & TRAINING	0	19,700	19,700
Program increase - fleet training		19,700	
1B4B SHIP DEPOT MAINTENANCE	0	238,000	238,000
Program increase		238,000	
1B5B SHIP DEPOT OPERATIONS SUPPORT	0	79,000	79,000
Program increase - improve afloat readiness		79,000	
BSM1 FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION	0	183,200	183,200
Program increase - restoration and modernization		45,400	
Program increase - sustainment		137,800	
RESTORE READINESS	0	173,000	173,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	1,082,170	1,082,170
TOTAL, OPERATION AND MAINTENANCE, NAVY	6,827,391	5,029,252	-1,798,139

O-1	Budget Request	Committee Recommended	Change from Request
<b>OPERATION AND MAINTENANCE, MARINE CORPS</b>			
OCO/GWOT			
1A1A OPERATIONAL FORCES	703,489	703,489	0
1A2A FIELD LOGISTICS	266,094	266,094	0
1A3A DEPOT MAINTENANCE	147,000	147,000	0
BSS1 BASE OPERATING SUPPORT	18,576	18,576	0
3B4D TRAINING SUPPORT	31,750	31,750	0
4A3G SERVICEWIDE TRANSPORTATION	73,800	73,800	0
999 OTHER PROGRAMS	3,650	3,650	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-503,956	-503,956
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	9,193	9,193
SUBTOTAL, OCO/GWOT	1,244,359	749,596	-494,763
OCO/GWOT FOR BASE REQUIREMENTS			
1A2A FIELD LOGISTICS	0	8,250	8,250
Program increase - SPAMGTF		8,250	
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	69,660	69,660
Program increase - restoration and modernization		12,560	
Program increase - sustainment		57,100	
OPERATIONAL SUPPORT FOR INCREASE IN MARINE CORPS END STRENGTH	0	37,000	37,000
RESTORE READINESS		52,000	52,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	166,900	166,900
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	1,244,359	916,496	-327,863
<b>OPERATION AND MAINTENANCE, AIR FORCE</b>			
OCO/GWOT			
011A PRIMARY COMBAT FORCES	1,339,461	1,339,461	0
011C COMBAT ENHANCEMENT FORCES	1,096,021	1,096,021	0
011D AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	152,278	152,278	0

O-1	Budget Request	Committee Recommended	Change from Request
011M DEPOT MAINTENANCE	1,185,506	1,185,506	0
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	56,700	56,700	0
011Z BASE SUPPORT	941,714	909,186	-32,528
Unjustified program growth		-7,528	
Unjustified program growth		-25,000	
012A GLOBAL C3I AND EARLY WARNING	30,219	30,219	0
012C OTHER COMBAT OPS SPT PROGRAMS	207,696	207,696	0
012F TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	79,893	79,893	0
013A LAUNCH FACILITIES	869	869	0
013C SPACE CONTROL SYSTEMS	5,008	5,008	0
015A COMBATANT COMMANDERS DIRECT MISSION	100,081	100,081	0
021A AIRLIFT OPERATIONS	2,774,729	2,774,729	0
021D MOBILIZATION PREPAREDNESS	108,163	108,163	0
021M DEPOT MAINTENANCE	891,102	891,102	0
021Z BASE SUPPORT	3,686	3,686	0
031Z BASE SUPPORT	52,740	49,340	-3,400
Unjustified program growth		-3,400	
032A SPECIALIZED SKILL TRAINING	4,500	4,500	0
041A LOGISTICS OPERATIONS	86,716	86,716	0
041Z BASE SUPPORT	59,133	55,133	-4,000
Unjustified program growth		-4,000	
042B SERVICEWIDE COMMUNICATIONS	165,348	165,348	0
042G OTHER SERVICEWIDE ACTIVITIES	141,883	141,883	0
044A INTERNATIONAL SUPPORT	61	61	0
CLASSIFIED PROGRAMS	15,323	15,323	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-3,846,961	-3,846,961
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	297,839	297,839
SUBTOTAL, OCO/GWOT	9,498,830	5,909,780	-3,589,050



O-1	Budget Request	Committee Recommended	Change from Request
OCO/GWOT FOR BASE REQUIREMENTS			
011M DEPOT MAINTENANCE	0	323,576	323,576
Program increase - weapons system sustainment		323,576	
012A GLOBAL C3I AND EARLY WARNING	0	40,000	40,000
Program increase - ground based radars		40,000	
021M DEPOT MAINTENANCE	0	66,424	66,424
Program increase - weapons system sustainment		66,424	
041A LOGISTICS OPERATIONS	0	60,000	60,000
Program increase		60,000	
021R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	21,450	21,450
Program increase - restoration and modernization		800	
Program increase - sustainment		20,650	
031R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	19,600	19,600
Program increase - restoration and modernization		700	
Program increase - sustainment		18,900	
041R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	26,650	26,650
Program increase - restoration and modernization		1,000	
Program increase - sustainment		25,650	
RESTORE READINESS	0	242,000	242,000
OPERATIONAL SUPPORT FOR INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE	0	23,376	23,376
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	960,626	960,626
TOTAL, OPERATION AND MAINTENANCE, AIR	9,498,830	6,670,406	-2,628,424
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
OCO/GWOT			
1PL2 SPECIAL OPERATIONS COMMAND	2,650,651	2,650,651	0
4GT6 DEFENSE CONTRACT AUDIT AGENCY	13,436	13,436	0
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	47,579	47,579	0
4GTA DEFENSE LEGAL SERVICES	111,986	111,986	0
ES18 DEFENSE MEDIA ACTIVITY	13,317	13,317	0
4GTJ DEPARTMENT OF DEFENSE EDUCATION AGENCY	67,000	67,000	0
4GT0 DEFENSE CONTRACT MANAGEMENT AGENCY	13,564	13,564	0
4GTD DEFENSE SECURITY COOPERATION AGENCY	1,412,000	1,412,000	0

Q-1	Budget Request	Committee Recommended	Change from Request
4GTN OFFICE OF THE SECRETARY OF DEFENSE	31,106	31,106	0
4GTQ WASHINGTON HEADQUARTERS SERVICE	3,137	3,137	0
9999 OTHER PROGRAMS	1,618,397	1,603,397	-15,000
Classified program adjustment		-15,000	
Observant Compass		[30,000]	
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-2,422,739	-2,422,739
SUBTOTAL, OCO/GWOT	5,982,173	3,544,434	-2,437,739
OCO/GWOT FOR BASE REQUIREMENTS			
1PL2 SPECIAL OPERATIONS COMMAND	0	150,000	150,000
Program increase		150,000	
3EV7 SPECIAL OPERATIONS COMMAND	0	50,000	50,000
Program increase		50,000	
RESTORE READINESS		151,000	151,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	351,000	351,000
TOTAL, OPERATION AND MAINTENANCE, DEFENSE- WIDE	5,982,173	3,895,434	-2,086,739
OPERATION AND MAINTENANCE, ARMY RESERVE			
OCO/GWOT			
112 MODULAR SUPPORT BRIGADES	708	708	0
113 ECHELONS ABOVE BRIGADE	14,822	14,822	0
114 THEATER LEVEL ASSETS	375	375	0
115 LAND FORCES OPERATIONS SUPPORT	2,088	2,088	0
116 AVIATION ASSETS	608	608	0
121 FORCES READINESS OPERATIONS SUPPORT	5,425	5,425	0
131 BASE OPERATIONS SUPPORT	14,653	14,653	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-15,644	-15,644
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	62,651	62,651
SUBTOTAL, OCO/GWOT	38,679	85,686	47,007
OCO/GWOT FOR BASE REQUIREMENTS			
113 ECHELONS ABOVE BRIGADE	0	20,000	20,000
Program increase - Improve training		20,000	

O-1	Budget Request	Committee Recommended	Change from Request
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	43,000	43,000
Program increase - restoration and modernization		22,800	
Program increase - sustainment		20,200	
OPERATIONAL SUPPORT FOR INCREASE IN ARMY RESERVE END STRENGTH	0	103,381	103,381
RESTORE READINESS	0	20,000	20,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	186,381	186,381
TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	38,679	272,067	233,388
OPERATION AND MAINTENANCE, NAVY RESERVE			
OCO/GWOT			
1A5A AIRCRAFT DEPOT MAINTENANCE	16,500	16,500	0
1A9A AVIATION LOGISTICS	2,522	2,522	0
1C6C COMBAT SUPPORT FORCES	7,243	7,243	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-10,637	-10,637
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	10,041	10,041
SUBTOTAL, OCO/GWOT	26,265	25,669	-596
OCO/GWOT FOR BASE REQUIREMENTS			
1A5A AIRCRAFT DEPOT MAINTENANCE	0	4,000	4,000
Program increase - improve afloat readiness		4,000	
1B2B SHIP OPERATIONS SUPPORT AND TRAINING	0	300	300
Program increase - restore fleet training		300	
BSMR FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	88,050	88,050
Program increase - restoration and modernization		85,200	
Program increase - sustainment		2,850	
RESTORE READINESS	0	20,000	20,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	112,350	112,350
TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	26,265	138,019	111,754
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE			
OCO/GWOT			
1A1A OPERATING FORCES	2,500	2,500	0

O-1	Budget Request	Committee Recommended	Change from Request
BSS1 BASE OPERATING SUPPORT	804	804	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-1,337	-1,337
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	3,111	3,111
SUBTOTAL, OCO/GWOT	3,304	5,078	1,774
OCO/GWOT FOR BASE REQUIREMENTS			
BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	4,550	4,550
Program increase - restoration and modernization		2,850	
Program increase - sustainment		1,700	
RESTORE READINESS	0	20,000	20,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	24,550	24,550
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS RESERVE	3,304	29,628	26,324
OPERATION AND MAINTENANCE, AIR FORCE RESERVE			
OCO/GWOT			
011M DEPOT MAINTENANCE	51,086	51,086	0
011Z BASE OPERATING SUPPORT	6,500	6,500	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-28,253	-28,253
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	15,840	15,840
SUBTOTAL, OCO/GWOT	57,586	45,173	-12,413
OCO/GWOT FOR BASE REQUIREMENTS			
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	7,550	7,550
Program increase - restoration and modernization		850	
Program increase - sustainment		6,700	
RESTORE READINESS	0	20,000	20,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	27,550	27,550
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	57,586	72,723	15,137

O-1	Budget Request	Committee Recommended	Change from Request
<b>OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD</b>			
OCO/GWOT			
111 MANEUVER UNITS	16,149	16,149	0
112 MODULAR SUPPORT BRIGADES	748	748	0
113 ECHELONS ABOVE BRIGADE	34,707	34,707	0
114 THEATER LEVEL ASSETS	10,472	10,472	0
116 AVIATION ASSETS	32,804	32,804	0
121 FORCE READINESS OPERATIONS SUPPORT	12,435	12,435	0
131 BASE OPERATIONS SUPPORT	18,800	18,800	0
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	920	920	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-51,446	-51,446
OPERATIONAL SUPPORT FOR DEPLOYED END STRENGTH OF 9,800 IN AFGHANISTAN	0	66,752	66,752
SUBTOTAL, OCO/GWOT	127,035	142,341	15,306
OCO/GWOT FOR BASE REQUIREMENTS			
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	58,800	58,800
Program increase - restoration and modernization		6,700	
Program increase - sustainment		52,100	
OPERATIONAL SUPPORT FOR INCREASE IN ARMY GUARD END STRENGTH	0	159,080	159,080
RESTORE READINESS	0	20,000	20,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	237,880	237,880
TOTAL, OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD	127,035	380,221	253,186
<b>OPERATION AND MAINTENANCE, AIR NATIONAL GUARD</b>			
OCO/GWOT			
011G MISSION SUPPORT OPERATIONS	3,400	3,400	0
011Z BASE SUPPORT	16,600	16,600	0
REDUCTION TO SUSTAIN MINIMAL READINESS LEVELS	0	-2,632	-2,632

O-1	Budget Request	Committee Recommended	Change from Request
OPERATIONAL SUPPORT FOR DEPLOYED ENDSTRENGTH OF 9,800 IN AFGHANISTAN	0	13,718	13,718
SUBTOTAL, OCO/GWOT	20,000	31,086	11,086
OCO/GWOT FOR BASE REQUIREMENTS			
011M DEPOT MAINTENANCE	0	40,000	40,000
Program increase - weapons system sustainment		40,000	
011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	0	120,950	120,950
Program increase - restoration and modernization		98,150	
Program increase - sustainment		22,800	
042J RECRUITING AND ADVERTISING	0	67,000	67,000
Program increase		67,000	
RESTORE READINESS		20,000	20,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	247,950	247,950
TOTAL, OPERATION AND MAINTENANCE, AIR NATIONAL GUARD	20,000	279,036	259,036
AFGHANISTAN SECURITY FORCES FUND			
Defense Forces			
Sustainment	2,173,341	2,173,341	0
Infrastructure	48,262	48,262	0
Equipment and Transportation	76,216	76,216	0
Training and Operations	220,139	220,139	0
Interior Forces			
Sustainment	860,441	860,441	0
Infrastructure	20,837	20,837	0
Equipment and Transportation	8,153	8,153	0
Training and Operations	41,326	41,326	0
TOTAL, AFGHANISTAN SECURITY FORCES FUND	3,448,715	3,448,715	0
COUNTERTERRORISM PARTNERSHIPS FUND			
COUNTERTERRORISM PARTNERSHIPS FUND	1,000,000	750,000	-250,000
Program decrease		-250,000	
TOTAL, COUNTERTERRORISM PARTNERSHIPS FUND	1,000,000	750,000	-250,000
IRAQ TRAIN AND EQUIP FUND			
IRAQ TRAIN AND EQUIP FUND	630,000	0	-630,000
Program decrease		-630,000	
TOTAL, IRAQ TRAIN AND EQUIP FUND	630,000	0	-630,000

O-1	Budget Request	Committee Recommended	Change from Request
SYRIA TRAIN AND EQUIP FUND			
SYRIA TRAIN AND EQUIP	250,000	0	-250,000
Program decrease		-250,000	
TOTAL, SYRIA TRAIN AND EQUIP FUND	250,000	0	-250,000
COUNTER-ISIL TRAIN AND EQUIP FUND			
COUNTER-ISIL TRAIN AND EQUIP FUND	0	880,000	880,000
Program increase		880,000	
TOTAL, COUNTER-ISIL TRAIN AND EQUIP FUND	0	880,000	880,000

## ASSISTANCE TO UKRAINE

The Committee recommends an additional \$150,000,000 to provide assistance to the national security forces of Ukraine. Section 9014 of this Act provides guidance for the use of this funding and directs the purchase of items such as training, equipment, lethal weapons of a defensive nature, and logistics support. This assistance is provided for the purpose of helping Ukraine secure its sovereign territory and protect its citizens against foreign aggressors.

## COUNTERTERRORISM PARTNERSHIPS FUND

The Committee recommends an additional appropriation of \$750,000,000 for the Counterterrorism Partnerships Fund.

## DIRECT FUNDING TO THE KURDISTAN REGIONAL GOVERNMENT

The Peshmerga forces of the Kurdistan Regional Government (KRG) have been a leading force against the Islamic State of Iraq and the Levant (ISIL). However, lethal and non-lethal support for these allies is managed and distributed at the discretion of the Iraqi government. This process is cumbersome and leaves the distribution at the whim of Baghdad and local politics. To date, the Government of Iraq has not fulfilled the \$12,000,000,000 promised support and back tax revenue to the Kurdish people, resulting in a humanitarian and economic crisis in the Kurdish region.

There are many authorities at the disposal of the Department of Defense to build partnership capacity around the world.

The Committee strongly encourages the Secretary of Defense to consider the use of all available authorities and funding to build the capacity of the KRG, a partner in the fight against ISIL.

## AFGHANISTAN SECURITY FORCES FUND

The Committee recommends an additional appropriation of \$3,448,715,000 for the Afghanistan Security Forces Fund.

## WOMEN IN THE AFGHAN NATIONAL SECURITY FORCES

The Committee recommendation contains funding and a legislative provision regarding the recruitment, integration, retention, training, and treatment of women, and infrastructure required to address the needs of women in the Afghan National Security Forces.

COUNTER-ISLAMIC STATE OF IRAQ AND THE LEVANT  
TRAIN AND EQUIP FUND

The Committee recommends an additional appropriation of \$880,000,000 for the Counter-Islamic State of Iraq and the Levant Train and Equip Fund.

## PROCUREMENT

The Committee recommends an additional appropriation of \$16,635,407,000 for Procurement. The Committee recommendation for each procurement account is as follows:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
<b>AIRCRAFT PROCUREMENT, ARMY</b>			
OCO/GWOT			
6 AH-64 APACHE BLOCK IIIA REMAN (OCO/GWOT)	78,040	78,040	0
15 MULTI SENSOR ABN RECON (OCO/GWOT)	21,400	21,400	0
20 EMARSS SEMA MODS (OCO/GWOT)	42,700	42,700	0
26 RQ-7 UAV MODS (OCO/GWOT)	1,775	1,775	0
27 UAS MODS (OCO/GWOT)	4,420	4,420	0
30 CMWS (OCO/GWOT)	56,115	56,115	0
31 CIRCUM (OCO/GWOT)	108,721	108,721	0
SUBTOTAL, OCO/GWOT	313,171	313,171	0
OCO/GWOT FOR BASE REQUIREMENTS			
8 UH-60M BLACKHAWK (OCO/GWOT) Program Increase - 22 aircraft	0	241,900 241,900	241,900
11 CH-47 NEW BUILD (OCO/GWOT) Program Increase - five aircraft	0	138,000 138,000	138,000
17 CH-47 MODS (OCO/GWOT) Program increase	0	102,000 102,000	102,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	481,900	481,900
<b>TOTAL, AIRCRAFT PROCUREMENT, ARMY</b>	<b>313,171</b>	<b>795,071</b>	<b>481,900</b>
<b>MISSILE PROCUREMENT, ARMY</b>			
OCO/GWOT			
4 HELLFIRE SYSTEM SUMMARY (OCO/GWOT)	455,830	455,830	0
7 JAVELIN SYSTEM SUMMARY (OCO/GWOT)	15,567	15,567	0
8 TOW 2 SYSTEM SUMMARY (OCO/GWOT)	80,652	80,652	0
10 GUIDED MLRS ROCKET (GMLRS) (OCO/GWOT)	75,991	75,991	0
LETHAL MINIATURE AERIAL MISSILE SYSTEM			
12 (LMAMS) (OCO/GWOT)	4,777	4,777	0
SUBTOTAL, OCO/GWOT	632,817	632,817	0

P-1	Budget Request	Committee Recommended	Change from Request
OCO/GWOT FOR BASE REQUIREMENTS			
7 JAVELINS (OCO/GWOT) Program increase	0	104,200 104,200	104,200
10 GMLRS ALTERNATE WARHEAD (OCO/GWOT) Program increase	0	76,000 76,000	76,000
14 ATACMS (OCO/GWOT) Program increase	0	15,900 15,900	15,900
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	196,100	196,100
TOTAL, MISSILE PROCUREMENT, ARMY	632,817	828,917	196,100
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY			
OCO/GWOT			
5 BRADLEY PROGRAM (OCO/GWOT) Army requested transfer from title IX, OM,A - SAG lines 111, 113, 115, 121, 212	0	72,800 72,800	72,800
7 PALADIN INTEGRATED MANAGEMENT (PIM) (OCO/GWOT)	125,184	125,184	0
9 ASSAULT BRIGADE (MOD) (OCO/GWOT)	5,950	5,950	0
13 M1 ABRAMS UPGRADE PROGRAM (OCO/GWOT) Army requested transfer from title IX, OM,A - SAG lines 111, 113, 115, 121, 212	0	172,200 172,200	172,200
17 MORTAR SYSTEMS (OCO/GWOT)	22,410	22,410	0
SUBTOTAL, OCO/GWOT	153,544	398,544	245,000
OCO/GWOT FOR BASE REQUIREMENTS			
8 M88 HERCULES (OCO/GWOT) Program increase	0	72,000 72,000	72,000
13 ABRAMS MODS (OCO/GWOT) Program increase	0	60,000 60,000	60,000
16 VEHICLE APS (OCO/GWOT) Program increase	0	80,000 80,000	80,000
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	212,000	212,000
TOTAL, PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY	153,544	610,544	457,000
PROCUREMENT OF AMMUNITION, ARMY			
OCO/GWOT			
2 CTG, 7.62MM, ALL TYPES (OCO/GWOT)	9,642	9,642	0

P-1	Budget Request	Committee Recommended	Change from Request
4 CTG, .50 CAL, ALL TYPES (OCO/GWOT)	6,607	6,607	0
5 CTG, 20MM, ALL TYPES (OCO/GWOT)	1,077	1,077	0
6 CTG, 25MM, ALL TYPES (OCO/GWOT)	28,534	28,534	0
7 CTG, 30MM, ALL TYPES (OCO/GWOT)	20,000	20,000	0
8 CTG, 40MM, ALL TYPES (OCO/GWOT)	7,423	7,423	0
9 60MM MORTAR, ALL TYPES (OCO/GWOT)	10,000	10,000	0
10 81MM MORTAR, ALL TYPES (OCO/GWOT)	2,677	2,677	0
12 CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES (OCO/GWOT)	8,999	8,999	0
14 ARTILLERY PROJECTILE, 155M, ALL TYPES (OCO/GWOT)	30,348	30,348	0
15 PROJ 155MM EXTENDED RANGE M982 (OCO/GWOT) Army requested transfer from line 18	140	10,493 10,353	10,353
16 ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES (OCO/GWOT)	29,655	29,655	0
17 MINES & CLEARING CHARGES, ALL TYPES (OCO/GWOT)	16,866	16,866	0
18 SPIDER NETWORK MUNITIONS, ALL TYPES (OCO/GWOT) Army requested transfer to line 15	10,353	0 -10,353	-10,353
19 SHOULDER LAUNCHED MUNITIONS, ALL TYPES (OCO/GWOT)	63,210	63,210	0
20 ROCKET, HYDRA 70, ALL TYPES (OCO/GWOT)	42,851	42,851	0
22 DEMOLITION MUNITIONS, ALL TYPES (OCO/GWOT)	6,373	6,373	0
23 GRENADES, ALL TYPES (OCO/GWOT)	4,143	4,143	0
24 SIGNALS, ALL TYPES (OCO/GWOT)	1,852	1,852	0
27 NON-LETHAL AMMUNITION, ALL TYPES (OCO/GWOT)	773	773	0
SUBTOTAL, OCO/GWOT	301,523	301,523	0
OCO/GWOT FOR BASE REQUIREMENTS			
1 SMALL CALIBER AMMO (OCO/GWOT) Program increase	0	47,000 47,000	47,000
7 MEDIUM CALIBER AMMO 30MM (OCO/GWOT) Program Increase	0	8,200 8,200	8,200

P-1	Budget Request	Committee Recommended	Change from Request
COUNTER ROCKET, ARTILLERY, MORTAR (20MM)			
5 (OCO/GWOT)	0	14,000	14,000
Program increase		14,000	
12 TANK AMMO, 120MM (OCO/GWOT)	0	35,000	35,000
Program increase		35,000	
11 MORTAR AMMO, 120MM (OCO/GWOT)	0	30,000	30,000
Program increase		30,000	
10 SHOULDER LAUNCHED (AT4-CS) (OCO/GWOT)	0	30,000	30,000
Program increase		30,000	
16 ARTILLERY AMMO (OCO/GWOT)	0	10,000	10,000
Program increase		10,000	
15 EXCALIBUR (OCO/GWOT)	0	23,500	23,500
Program increase		23,500	
20 HYDRA ROCKET UNGUIDED MISSILES (OCO/GWOT)	0	27,500	27,500
Program increase		27,500	
20 HYDRA ROCKET GUIDED MISSILES (OCO/GWOT)	0	15,000	15,000
Program increase		15,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	240,200	240,200
TOTAL, PROCUREMENT OF AMMUNITION, ARMY	301,523	541,723	240,200
OTHER PROCUREMENT, ARMY			
OCO/GWOT			
2 SEMITRAILERS, FLATBED (OCO/GWOT)	4,180	4,180	0
FAMILY OF MEDIUM TACTICAL VEHICLES			
8 (OCO/GWOT)	299,476	299,476	0
10 FAMILY OF HEAVY TACTICAL VEHICLES (OCO/GWOT)	6,122	6,122	0
11 PLS ESP (OCO/GWOT)	106,358	106,358	0
HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT			
12 SERV (OCO/GWOT)	203,766	203,766	0
TACTICAL WHEELED VEHICLE PROTECTION KITS			
13 (OCO/GWOT)	101,154	101,154	0
14 MODIFICATION OF IN SVC EQUIP (OCO/GWOT)	155,456	155,456	0
WIN-T - GROUND FORCES TACTICAL NETWORK			
19 (OCO/GWOT)	9,572	9,572	0
25 SHF TERM (OCO/GWOT)	24,000	24,000	0
47 CI AUTOMATION ARCHITECTURE (OCO/GWOT)	1,550	1,550	0
51 COMSEC (OCO/GWOT)	1,928	1,928	0

P-1	Budget Request	Committee Recommended	Change from Request
55 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM (OCO/GWOT)	20,510	20,510	0
62 DCGS-A (OCO/GWOT)	33,032	33,032	0
64 TROJAN (OCO/GWOT)	3,305	3,305	0
66 CI HUMINT AUTO REPORTING AND COLL (CHARCS) (OCO/GWOT)	7,233	7,233	0
69 BIOMETRIC TACTICAL COLLECTION DEVICES (OCO/GWOT)	5,670	5,670	0
70 LIGHTWEIGHT COUNTER MORTAR RADAR (OCO/GWOT)	25,892	25,892	0
74 FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIES (OCO/GWOT)	11,510	11,510	0
75 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES (OCO/GWOT)	23,890	23,890	0
80 INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS (OCO/GWOT)	4,270	4,270	0
89 MORTAR FIRE CONTROL SYSTEM (OCO/GWOT)	2,572	2,572	0
92 AIR & MSL DEFENSE PLANNING & CONTROL SYSTEM (OCO/GWOT)	69,958	69,958	0
102 AUTOMATED DATA PROCESSING EQUIPMENT (OCO/GWOT)	9,900	9,900	0
108 ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) (OCO/GWOT)	95	95	0
114 CBRN DEFENSE (OCO/GWOT)	1,841	1,841	0
115 TACTICAL BRIDGING (OCO/GWOT)	26,000	26,000	0
124 ROBOTICS AND APPLIQUE SYSTEMS (OCO/GWOT)	268	268	0
128 FAMILY OF BOATS AND MOTORS (OCO/GWOT)	280	280	0
129 HEATERS AND ECU'S (OCO/GWOT)	894	894	0
134 FORCE PROVIDER (OCO/GWOT)	53,800	53,800	0
135 FIELD FEEDING EQUIPMENT (OCO/GWOT)	2,665	2,665	0
136 CARGO AERIAL DELIVERY & PERSONNEL PARACHUTE SYSTEM (OCO/GWOT)	2,400	2,400	0
137 FAMILY OF ENGINEER COMBAT AND CONSTRUCTION SETS (OCO/GWOT)	9,789	9,789	0
138 ITEMS LESS THAN \$5M (ENG SPT) (OCO/GWOT)	300	300	0

P-1	Budget Request	Committee Recommended	Change from Request
139 QUALITY SURVEILLANCE EQUIPMENT (OCO/GWOT)	4,800	4,800	0
DISTRIBUTION SYSTEMS, PETROLEUM & WATER			
140 (OCO/GWOT)	78,240	78,240	0
141 COMBAT SUPPORT MEDICAL (OCO/GWOT)	5,763	5,763	0
MOBILE MAINTENANCE EQUIPMENT SYSTEMS			
142 (OCO/GWOT)	1,609	1,609	0
143 ITEMS LESS THAN \$5M (MAINT EQ) (OCO/GWOT)	145	145	0
144 GRADER, ROAD MTZD, HVY, 6X4 (CCE) (OCO/GWOT)	3,047	3,047	0
148 TRACTOR, FULL TRACKED (OCO/GWOT)	4,426	4,426	0
HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)			
151 (OCO/GWOT)	2,900	2,900	0
155 ITEMS LESS THAN \$5M (CONST EQUIP) (OCO/GWOT)	96	96	0
158 GENERATORS AND ASSOCIATED EQUIP (OCO/GWOT)	31,781	31,781	0
160 FAMILY OF FORKLIFTS (OCO/GWOT)	846	846	0
TEST EQUIPMENT MODERNIZATION (TEMOD)			
168 (OCO/GWOT)	1,140	1,140	0
RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT			
170 (OCO/GWOT)	8,500	8,500	0
SUBTOTAL, OCO/GWOT	1,373,010	1,373,010	0
OCO/GWOT FOR BASE REQUIREMENTS			
80 C-RAM UPGRADES AND MODS (OCO/GWOT)	0	8,400	8,400
Program increase		8,400	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	8,400	8,400
<b>TOTAL, OTHER PROCUREMENT, ARMY</b>	<b>1,373,010</b>	<b>1,381,410</b>	<b>8,400</b>
<b>AIRCRAFT PROCUREMENT, NAVY</b>			

## OCO/GWOT

2 F/A-18E/F (FIGHTER) HORNET (OCO/GWOT)	184,912	145,877	-39,035
GFE electronics cost growth		-1,426	
Other GFE cost growth		-368	
ECO cost growth		-1,146	
Excess production engineering support		-26,595	
Ancillary equipment excess growth		-9,500	
26 STUASLO UAV (OCO/GWOT)	70,000	62,352	-7,648
Unit cost savings		-2,493	
Ancillary equipment excess growth		-2,024	
ICS excess growth		-3,131	

P-1	Budget Request	Committee Recommended	Change from Request
35 SH-60 SERIES (OCO/GWOT)	3,000	3,000	0
36 H-1 SERIES (OCO/GWOT)	3,740	3,740	0
39 EP-3 SERIES (OCO/GWOT)	7,505	7,505	0
47 SPECIAL PROJECT AIRCRAFT (OCO/GWOT)	14,869	14,869	0
51 COMMON ECM EQUIPMENT (OCO/GWOT)	98,240	98,240	0
59 V-22 OSPREY (OCO/GWOT)	8,740	8,740	0
63 SPARES AND REPAIR PARTS (OCO/GWOT) Transfer to OCO/GWOT for base requirements	1,500	0 -1,500	-1,500
65 AIRCRAFT INDUSTRIAL FACILITIES (OCO/GWOT) Transfer to OCO/GWOT for base requirements	524	0 -524	-524
SUBTOTAL, OCO/GWOT	393,030	344,323	-48,707
OCO/GWOT FOR BASE REQUIREMENTS			
21 KC-130J (OCO/GWOT) Program increase - two additional aircraft for the Marine Corps	0	158,000 158,000	158,000
27A C-40 (OCO/GWOT) Program increase - two additional aircraft for the Marine Corps and two additional aircraft for the Navy Reserve	0	414,000 414,000	414,000
34 H-53 SERIES (OCO/GWOT) Program increase - degraded visual environment landing enhancements	0	13,300 13,300	13,300
59 V-22 (TILT/ROTOR ACFT) OSPREY (OCO/GWOT) Program increase - SMPAGTF en-route C4	0	39,390 39,390	39,390
63 SPARES AND REPAIR PARTS (OCO/GWOT) Transfer from OCO/GWOT	0	1,500 1,500	1,500
65 AIRCRAFT INDUSTRIAL FACILITIES (OCO/GWOT) Transfer from OCO/GWOT	0	524 524	524
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	626,714	626,714
TOTAL, AIRCRAFT PROCUREMENT, NAVY	393,030	971,037	578,007
WEAPONS PROCUREMENT, NAVY			
OCO/GWOT			
10 HELLFIRE (OCO/GWOT)	8,600	8,600	0
SUBTOTAL, OCO/GWOT	8,600	8,600	0

P-1	Budget Request	Committee Recommended	Change from Request
OCO/GWOT FOR BASE REQUIREMENTS			
3 TOMAHAWK (OCO/GWOT)	0	114,000	114,000
Program increase - 96 additional missiles and canisters		114,000	
5 SIDEWINDER (OCO/GWOT)	0	33,000	33,000
Program increase - 75 additional missiles		33,000	
26 MK-54 TORPEDO MODS (OCO/GWOT)	0	10,000	10,000
Program increase - 23 additional torpedoes		10,000	
36 LCS MODULE WEAPONS (OCO/GWOT)	0	18,100	18,100
Program increase - LCS over-the-horizon missile		18,100	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	175,100	175,100
TOTAL, WEAPONS PROCUREMENT, NAVY	8,600	183,700	175,100

## PROCUREMENT OF AMMO, NAVY &amp; MARINE CORPS

OCO/GWOT			
1 GENERAL PURPOSE BOMBS (OCO/GWOT)	40,366	37,157	-3,209
DAMTC unit cost growth		-1,187	
BLU-11 unit cost growth		-2,022	
2 AIRBORNE ROCKETS, ALL TYPES (OCO/GWOT)	8,860	8,699	-161
MK-56 rocket motor unit cost growth		-161	
6 AIR EXPENDABLE COUNTERMEASURES (OCO/GWOT)	7,060	7,060	0
13 PYROTECHNIC AND DEMOLITION (OCO/GWOT)	1,122	1,122	0
14 AMMUNITION LESS THAN \$5 MILLION (OCO/GWOT)	3,495	3,495	0
15 SMALL ARMS AMMUNITION (OCO/GWOT)	1,205	1,205	0
17 40MM, ALL TYPES (OCO/GWOT)	539	481	-58
MK281 unit cost growth		-58	
18 60MM, ALL TYPES (OCO/GWOT)	909	909	0
20 120MM, ALL TYPES (OCO/GWOT)	530	530	0
22 ROCKETS, ALL TYPES (OCO/GWOT)	469	469	0
23 ARTILLERY, ALL TYPES (OCO/GWOT)	1,196	1,196	0
24 DEMOLITION MUNITIONS, ALL TYPES (OCO/GWOT)	261	0	-261
Prior year carryover		-261	
25 FUZE, ALL TYPES (OCO/GWOT)	217	217	0
SUBTOTAL, OCO/GWOT	66,229	62,540	-3,689



P-1		Budget Request	Committee Recommended	Change from Request
OCO/GWOT FOR BASE REQUIREMENTS				
1	GENERAL PURPOSE BOMBS (OCO/GWOT)	0	58,000	58,000
	Program increase - joint direct attack munitions components		58,000	
	SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	58,000	58,000
TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS				
		66,229	120,540	54,311
SHIPBUILDING AND CONVERSION, NAVY				
OCO/GWOT FOR BASE REQUIREMENTS				
3	CARRIER REPLACEMENT PROGRAM (AP-CY) (OCO/GWOT)	0	263,000	263,000
	Program increase		263,000	
9	DDG-51 (OCO/GWOT)	0	433,000	433,000
	Program increase		433,000	
12A	AMPHIBIOUS SHIP REPLACEMENT LX(R) (OCO/GWOT)	0	1,550,000	1,550,000
	Program increase		1,550,000	
26	SHIP TO SHORE CONNECTOR (OCO/GWOT)	0	160,000	160,000
	Program increase		160,000	
28	LACAC SLEP (OCO/GWOT)	0	80,300	80,300
	Program increase		80,300	
999	CLASSIFIED PROGRAMS (OCO/GWOT)	0	600,000	600,000
	Classified increase		600,000	
	SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	3,086,300	3,086,300
TOTAL, SHIPBUILDING AND CONVERSION, NAVY				
		0	3,086,300	3,086,300
OTHER PROCUREMENT, NAVY				
OCO/GWOT				
81	DCGS-N (OCO/GWOT)	12,000	0	-12,000
	Transfer to OCO/GWOT for base requirements		-12,000	
EXPLOSIVE ORDNANCE DISPOSAL EQUIP				
116	(OCO/GWOT)	99,329	99,329	0
124	FIRE FIGHTING EQUIPMENT (OCO/GWOT)	630	0	-630
	Transfer to OCO/GWOT for base requirements		-630	
133	FIRST DESTINATION TRANSPORTATION (OCO/GWOT)	25	0	-25
	Excess to need		-25	
137	COMMAND SUPPORT EQUIPMENT (OCO/GWOT)	10,562	10,562	0

P-1	Budget Request	Committee Recommended	Change from Request
999 CLASSIFIED PROGRAMS (OCO/GWOT)	1,660	1,660	0
SUBTOTAL, OCO/GWOT	124,206	111,551	-12,655
OCO/GWOT FOR BASE REQUIREMENTS			
9 DDG MOD (OCO/GWOT)	0	65,000	65,000
Program increase - one additional system		65,000	
39 LCS SUW MISSION MODULES (OCO/GWOT)	0	24,900	24,900
Program increase - LCS over-the-horizon missile		24,900	
81 DCGS-N (OCO/GWOT)	0	12,000	12,000
Transfer from OCO/GWOT		12,000	
124 FIRE FIGHTING EQUIPMENT (OCO/GWOT)	0	630	630
Transfer from OCO/GWOT		630	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	102,530	102,530
TOTAL, OTHER PROCUREMENT, NAVY	124,206	214,081	89,875
PROCUREMENT, MARINE CORPS			

## OCO/GWOT

WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION (OCO/GWOT)			
6	572	0	-572
Excess to need		-572	
10 JAVELIN (OCO/GWOT)	1,606	1,606	0
18 MODIFICATION KITS (OCO/GWOT)	2,600	2,600	0
ITEMS UNDER \$5 MILLION (COMM & ELEC) (OCO/GWOT)			
19	2,200	2,200	0
26 INTELLIGENCE SUPPORT EQUIPMENT (OCO/GWOT)	20,981	20,981	0
28 RQ-11 UAV (OCO/GWOT)	3,817	3,817	0
35 COMMON COMPUTER RESOURCES (OCO/GWOT)	2,600	0	-2,600
Transfer to OCO/GWOT for base requirements		-2,600	
37 RADIO SYSTEMS (OCO/GWOT)	9,563	0	-9,563
Transfer to OCO/GWOT for base requirements		-9,563	
53 EOD SYSTEMS (OCO/GWOT)	75,000	75,000	0
SUBTOTAL, OCO/GWOT	118,939	106,204	-12,735
OCO/GWOT FOR BASE REQUIREMENTS			
155MM LIGHTWEIGHT TOWED HOWITZER (OCO/GWOT)			
4	0	14,000	14,000
Program increase - chrome tubes		14,000	

P-1	Budget Request	Committee Recommended	Change from Request
<b>HIGH MOBILITY ARTILLERY ROCKET SYSTEM</b>			
5 (OCO/GWOT)	0	19,200	19,200
Program increase - 148 additional GMLRS		19,200	
35 COMMON COMPUTER RESOURCES (OCO/GWOT)	0	2,600	2,600
Transfer from OCO/GWOT		2,600	
36 COMMAND POST SYSTEMS (OCO/GWOT)	0	40,800	40,800
Program increase - SPMAGTF C4		40,800	
37 RADIO SYSTEMS (OCO/GWOT)	0	9,563	9,563
Transfer from OCO/GWOT		9,563	
53 EOD SYSTEMS (OCO/GWOT)	0	21,300	21,300
Program increase - EOD mission equipment		21,300	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	107,463	107,463
<b>TOTAL, PROCUREMENT, MARINE CORPS</b>	<b>118,939</b>	<b>213,667</b>	<b>94,728</b>

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**AIRCRAFT PROCUREMENT, AIR FORCE**


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<b>OCO/GWOT</b>			
4 C-130J (OCO/GWOT)	73,000	73,000	0
15 MQ-9 (OCO/GWOT)	453,030	217,314	-235,716
Air Force requested transfer to line 61 for spares		-87,000	
Transfer 12 aircraft to OCO/GWOT for base requirements		-148,716	
19 LAIRCM (OCO/GWOT)	135,801	135,801	0
20 A-10 (OCO/GWOT)	23,850	23,000	-850
Excess funds		-850	
47 E-3 (OCO/GWOT)	6,600	6,600	0
56 HC/MC-130 MODIFICATIONS (OCO/GWOT)	13,550	13,550	0
57 OTHER AIRCRAFT (OCO/GWOT)	7,500	7,600	0
59 MQ-9 MODS (OCO/GWOT)	112,068	112,068	0
61 INITIAL SPARES/REPAIR PARTS (OCO/GWOT)	25,600	112,600	87,000
Air Force requested transfer from line 15 for spares		87,000	
77 OTHER PRODUCTION CHARGES (OCO/GWOT)	8,400	8,400	0
SUBTOTAL, OCO/GWOT	859,399	709,833	-149,566
<b>OCO/GWOT FOR BASE REQUIREMENTS</b>			
4 C-130J (OCO/GWOT)	0	600,000	600,000
Program increase - eight aircraft		600,000	
11 CV-22	0	240,000	240,000
Program increase - three aircraft for attrition reserve		240,000	

P-1		Budget Request	Committee Recommended	Change from Request
15	MQ-9 (OCO/GWOT) Transfer 12 aircraft from OCO/GWOT	0	148,716 148,716	148,716
20	A-10 (OCO/GWOT) Radar warning receiver upgrades Situation awareness upgrades Anti-jam GPS	0	98,500 65,000 23,200 10,300	98,500
21	F-15 (OCO/GWOT) Radar warning receiver upgrades	0	60,400 60,400	60,400
22	F-15 (OCO/GWOT) Radar warning receiver upgrades Missile warning system Anti-jam GPS	0	77,400 60,400 12,000 5,000	77,400
54	HH-60 (OCO/GWOT) Radar warning receivers	0	70,700 70,700	70,700
	SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	1,295,716	1,295,716
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	859,399	2,005,549	1,146,150
MISSILE PROCUREMENT, AIR FORCE				
OCO/GWOT				
6	PREDATOR HELLFIRE MISSILE (OCO/GWOT) Pricing adjustment	145,125	141,375 -3,750	-3,750
7	SMALL DIAMETER BOMB (OCO/GWOT) Transfer to OCO/GWOT for base requirements	167,800	0 -167,800	-167,800
11	AGM-65 MAVERICK (OCO/GWOT) Transfer to OCO/GWOT for base requirements	26,620	0 -26,620	-26,620
	SUBTOTAL, OCO/GWOT	339,545	141,375	-198,170
OCO/GWOT FOR BASE REQUIREMENTS				
7	SMALL DIAMETER BOMB (OCO/GWOT) Transfer from OCO/GWOT	0	167,800 167,800	167,800
11	AGM-65 MAVERICK (OCO/GWOT) Transfer from OCO/GWOT	0	26,620 26,620	26,620
	SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	194,420	194,420
	TOTAL, MISSILE PROCUREMENT, AIR FORCE	339,545	335,795	-3,750
PROCUREMENT OF AMMUNITION, AIR FORCE				
OCO/GWOT				
1	ROCKETS (OCO/GWOT) Transfer to OCO/GWOT for base requirements	60,000	0 -60,000	-60,000
2	CARTRIDGES (OCO/GWOT)	9,830	9,830	0

P-1	Budget Request	Committee Recommended	Change from Request
4 GENERAL PURPOSE BOMBS (OCO/GWOT)	7,921	7,921	0
6 JOINT DIRECT ATTACK MUNITION (OCO/GWOT)	403,126	130,876	-272,250
Pricing adjustment		-9,250	
Transfer to OCO/GWOT for base requirements		-263,000	
12 FLARES (OCO/GWOT)	6,531	6,531	0
SUBTOTAL, OCO/GWOT	487,408	155,158	-332,250
OCO/GWOT FOR BASE REQUIREMENTS			
1 ROCKETS (OCO/GWOT)	0	60,000	60,000
Transfer from OCO/GWOT		60,000	
6 JOINT DIRECT ATTACK MUNITION (OCO/GWOT)	0	263,000	263,000
Transfer from OCO/GWOT		263,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	323,000	323,000
TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE	487,408	478,158	-9,250
OTHER PROCUREMENT, AIR FORCE			
OCO/GWOT			
1 PASSENGER CARRYING VEHICLES (OCO/GWOT)	2,003	2,003	0
2 MEDIUM TACTICAL VEHICLE (OCO/GWOT)	9,066	9,066	0
4 ITEMS LESS THAN \$5M (CARGO & UTILITY (OCO/GWOT)	12,264	12,264	0
6 ITEMS LESS THAN \$5M (SPECIAL PURPOSE) (OCO/GWOT)	16,789	16,789	0
7 FIRE FIGHTING/CRASH RESCUE VEHICLES (OCO/GWOT)	48,590	48,590	0
8 ITEMS LESS THAN \$5M (MHE) (OCO/GWOT)	2,366	2,366	0
9 RUNWAY SNOW REMOVAL & CLEANING EQUIPMENT (OCO/GWOT)	6,468	6,468	0
10 ITEMS LESS THAN \$5M (BASE MAINTENANCE SUPPORT) (OCO/GWOT)	9,271	9,271	0
16 AIR TRAFFIC LANDING & CONTROL SYSTEMS (OCO/GWOT)	42,650	42,650	0
29 AIR FORCE PHYSICAL SECURITY SYSTEM (OCO/GWOT)	7,500	7,500	0
33 C3 COUNTERMEASURES (OCO/GWOT)	620	620	0
52 TACTICAL C-E EQUIPMENT (OCO/GWOT)	8,100	8,100	0

P-1	Budget Request	Committee Recommended	Change from Request
56 COMM ELECT MODS (OCO/GWOT)	3,800	3,800	0
61 ENGINEERING AND EOD EQUIPMENT (OCO/GWOT) JCREW - unjustified unit cost increase	53,900	46,400 -7,500	-7,500
67 DCGS-AF (OCO/GWOT)	800	800	0
999 CLASSIFIED PROGRAMS (OCO/GWOT) Classified adjustment	3,472,094	3,263,094 -209,000	-209,000
SUBTOTAL, OCO/GWOT	3,696,281	3,479,781	-216,500
TOTAL, OTHER PROCUREMENT, AIR FORCE	3,696,281	3,479,781	-216,500
PROCUREMENT, DEFENSE-WIDE			
OCO/GWOT			
7 TELEPORT PROGRAM (OCO/GWOT)	3,900	3,900	0
DEFENSE INFORMATION SYSTEMS NETWORK 16 (OCO/GWOT)	2,000	2,000	0
999 CLASSIFIED PROGRAMS (OCO/GWOT)	32,482	32,482	0
41 MC-12 (OCO/GWOT)	5,000	5,000	0
43 UNMANNED ISR (OCO/GWOT)	11,880	11,880	0
46 U-28 (OCO/GWOT)	38,283	38,283	0
57 ORDNANCE ITEMS <\$5M (OCO/GWOT)	52,504	52,504	0
58 INTELLIGENCE SYSTEMS (OCO/GWOT)	22,000	22,000	0
60 OTHER ITEMS <\$5M (OCO/GWOT)	11,580	11,580	0
62 SPECIAL PROGRAMS (OCO/GWOT)	13,549	13,549	0
63 TACTICAL VEHICLES (OCO/GWOT)	3,200	3,200	0
69 SOF OPERATIONAL ENHANCEMENTS (OCO/GWOT) Classified adjustment	42,056	22,756 -19,300	-19,300
SUBTOTAL, OCO/GWOT	238,434	219,134	-19,300
OCO/GWOT FOR BASE REQUIREMENTS			
24 AEGIS BMD (OCO/GWOT) Program increase	0	65,000 65,000	65,000
60 OTHER ITEMS <\$5M (OCO/GWOT) Program increase	0	35,000 35,000	35,000
69 SOF OPERATIONAL ENHANCEMENTS (OCO/GWOT) Program increase	0	35,000 35,000	35,000

P-1	Budget Request	Committee Recommended	Change from Request
76 WARRIOR SYSTEMS UNDER \$5 MILLION (OCO/GWOT)	0	35,000	35,000
Program increase		35,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	170,000	170,000
TOTAL, PROCUREMENT, DEFENSE-WIDE	238,434	389,134	150,700
NATIONAL GUARD & RESERVE EQUIPMENT			
RESERVE EQUIPMENT			
ARMY RESERVE	0	140,000	140,000
MISCELLANEOUS EQUIPMENT (OCO/GWOT)		140,000	
NAVY RESERVE	0	50,000	50,000
MISCELLANEOUS EQUIPMENT (OCO/GWOT)		50,000	
MARINE CORPS RESERVE	0	10,000	10,000
MISCELLANEOUS EQUIPMENT (OCO/GWOT)		10,000	
AIR FORCE RESERVE	0	140,000	140,000
MISCELLANEOUS EQUIPMENT (OCO/GWOT)		140,000	
TOTAL, RESERVE EQUIPMENT	0	340,000	340,000
NATIONAL GUARD EQUIPMENT			
ARMY NATIONAL GUARD	0	330,000	330,000
MISCELLANEOUS EQUIPMENT (OCO/GWOT)		330,000	
AIR NATIONAL GUARD	0	330,000	330,000
MISCELLANEOUS EQUIPMENT (OCO/GWOT)		330,000	
TOTAL, NATIONAL GUARD EQUIPMENT	0	660,000	660,000
TOTAL, NATIONAL GUARD & RESERVE EQUIPMENT	0	1,000,000	1,000,000

## NATIONAL GUARD AND RESERVE EQUIPMENT

The Committee recommendation provides \$1,000,000,000 for National Guard and Reserve Equipment. Of that amount, \$330,000,000 is for the Army National Guard; \$330,000,000 is for the Air National Guard; \$140,000,000 is for the Army Reserve; \$50,000,000 is for the Navy Reserve; \$10,000,000 is for the Marine Corps Reserve; and \$140,000,000 is for the Air Force Reserve to meet urgent equipment needs that may arise in fiscal year 2017.

This funding will allow the National Guard and reserve components to procure high priority equipment that may be used by these units for both their combat missions and their missions in support of state governors. The funding within this account is not to be used to procure equipment that has been designated as high density critical equipment item, major weapon systems, aircraft, and other items of equipment central to a unit's ability to perform its doctrinal mission. The funding within this account is not to be used to procure equipment that should be purchased by the senior Service, to expand or accelerate current Service procurement plans increasing program risk borne by the reserve components, to purchase expendable items, or to purchase facilities or equipment for any requirement that can be satisfied elsewhere.

The Committee directs the Secretary of Defense to ensure 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: acoustic hailing devices, airborne sense and avoid systems, common access card for remote access virtual private network with pre-tunnel authentication, crashworthy ballistically tolerant auxiliary fuel systems, integrated facial protection components for standard issue helmets, large aircraft infrared countermeasures, advanced targeting pods, electromagnetic in-flight propeller balance system, handheld and manpack and mid-tier networking vehicular radios, handheld explosives and chemical weapons detection capabilities, HMMWV rollover mitigation, modular small arms and self-contained ranges, joint threat emitter, Marine Corps tactical radio digital communications, the mobile user objective system, all-digital radar warning receivers, unstabilized gunnery crew trainer and small arms simulation trainers, and wireless mobile mesh self-healing network systems.

## VIRTUAL TRAINING AND SIMULATION

Virtual training using simulation allows soldiers to prepare in virtual environments prior to live fire range qualifications. Better preparation leads to significantly higher first time qualification rates and therefore, requires less ammunition, on range time, remediation, and has less of an environmental impact. Therefore, the Committee urges the Chiefs of the reserve components to strongly consider the use of virtual training systems.

## RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The Committee recommends an additional appropriation of \$496,669,000 for Research, Development, Test and Evaluation. The



Committee recommendation for each research, development, test and evaluation account is as follows:

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

R-1	Budget Request	Committee Recommended	Change from Request
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, ARMY</b>			
OCO/GWOT			
55 ARMY SPACE SYSTEM INTEGRATION (OCO/GWOT)	9,375	9,375	0
NON-SYSTEM TRAINING DEVICES - ENG DEV			
90 (OCO/GWOT)	33	33	0
COMMON INFRARED COUNTERMEASURES (CIRCM)			
117 (OCO/GWOT)	10,900	10,900	0
AIRCRAFT SURVIVABILITY DEVELOPMENT			
122 (OCO/GWOT)	73,110	73,110	0
208 BIOMETRICS ENABLED INTELLIGENCE (OCO/GWOT)	7,104	7,104	0
SUBTOTAL, OCO/GWOT	100,522	100,522	0
OCO/GWOT FOR BASE REQUIREMENTS			
37 AIRCRAFT SURVIVABILITY EQUIPMENT (OCO/GWOT)	0	13,300	13,300
Program increase		13,300	
161 GMLRS M-CODE UPGRADE (OCO/GWOT)	0	16,000	16,000
Program increase		16,000	
166 LONG RANGE PRECISION FIRES (OCO/GWOT)	0	27,700	27,700
Program increase		27,700	
179 VEHICLE ACTIVE PROTECTION SYSTEM (OCO/GWOT)	0	10,000	10,000
Program increase		10,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	67,000	67,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY	100,522	167,522	67,000
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVALUATION, NAVY</b>			
OCO/GWOT			
38 RETRACT LARCH (OCO/GWOT)	3,907	3,907	0
TACTICAL AIR DIRECTIONAL INFRARED			
78 COUNTERMEASURES (TADIRCM) (OCO/GWOT)	37,990	0	-37,990
Transfer to OCO/GWOT for base requirements		-37,990	
999 CLASSIFIED PROGRAMS (OCO/GWOT)	36,426	36,426	0
SUBTOTAL, OCO/GWOT	78,323	40,333	-37,990

R-1	Budget Request	Committee Recommended	Change from Request
OCO/GWOT FOR BASE REQUIREMENTS			
TACTICAL AIR DIRECTIONAL INFRARED			
78 COUNTERMEASURES (TADIRCM) (OCO/GWOT)	0	37,990	37,990
Transfer from OCO/GWOT		37,990	
81 LX(R) (OCO/GWOT)	0	19,000	19,000
Program increase		19,000	
CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT			
202 (OCO/GWOT)	0	9,000	9,000
Program increase - underwater range modernization design		9,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	65,990	65,990
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY	78,323	106,323	28,000
RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE			
OCO/GWOT			
58 COUNTERSPACE SYSTEMS (OCO/GWOT)	425	425	0
SPACE INNOVATION, INTEGRATION AND RAPID			
200 TECHNOLOGY DEVELOPMENT (OCO/GWOT)	4,715	4,715	0
999 CLASSIFIED PROGRAMS (OCO/GWOT)	27,765	27,765	0
SUBTOTAL, OCO/GWOT	32,905	32,905	0
OCO/GWOT FOR BASE REQUIREMENTS			
131 MQ-9 (OCO/GWOT)	0	10,000	10,000
Auto takeoff and landing capability		10,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	10,000	10,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE	32,905	42,905	10,000

R-1	Budget Request	Committee Recommended	Change from Request
RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE WIDE			
OCO/GWOT			
999 CLASSIFIED PROGRAMS (OCO/GWOT)	162,419	159,919	-2,500
Classified adjustment		-2,500	
SUBTOTAL, OCO/GWOT	162,419	159,919	-2,500
OCO/GWOT FOR BASE REQUIREMENTS			
BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS			
77 (OCO/GWOT)	0	10,000	10,000
Program increase - modeling and simulation improvements		10,000	
79 AEGIS BMD (OCO/GWOT)	0	10,000	10,000
Program increase - Aegis BMD integration with AMDR		10,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS	0	20,000	20,000
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE WIDE	162,419	179,919	17,500

## NAVY UNDERWATER TEST RANGES

The Committee is concerned about the state of readiness and modernization of tactical test ranges that support critical undersea warfare missions. Such concerns are particularly acute given the state of evolving, global threats in the undersea domain and the advanced age of some of the Navy's tactical underwater ranges. In particular, the Barking Sands Tactical Underwater Range (BARSTUR) is well beyond its service life and requires extensive redevelopment. The Committee understands that substantial resources are required to fully fund the repair, redevelopment, and modernization of BARSTUR. Therefore, the Committee includes \$9,000,000 above the request to accelerate the initial analysis and environmental impact studies related to repairing and modernizing BARSTUR. Furthermore, the Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 45 days after the enactment of this Act on the future of BARSTUR. The report should include the requirement for its redevelopment and modernization, the capability that a fully functioning underwater range at BARSTUR would provide, the total amount of required funding delineated by activity and fiscal year, what is currently budgeted for in the Future Years Defense Program, and the detailed schedule of the redevelopment.

## REVOLVING AND MANAGEMENT FUNDS

## DEFENSE WORKING CAPITAL FUNDS

The Committee recommends an additional appropriation of \$140,633,000 for the Defense Working Capital Funds accounts.

## OTHER DEPARTMENT OF DEFENSE PROGRAMS

## DEFENSE HEALTH PROGRAM

The Committee recommends an additional appropriation of \$781,764,000 for the Defense Health Program. The Committee recommendation is as follows:

## EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget request	Committee recommended	Change from request
OCO/GWOT			
IN-HOUSE CARE .....	95,366	95,366	---
PRIVATE SECTOR CARE .....	233,073	233,073	---
CONSOLIDATED HEALTH SUPPORT .....	3,325	3,325	---
SUBTOTAL, OCO/GWOT .....	331,764	331,764	---
OCO/GWOT FOR BASE REQUIREMENTS			
BASE OPERATIONS AND COMMUNICATIONS .....	---	450,000	450,000
Program increase—Army FSRM .....		150,000	
Program increase—Navy FSRM .....		150,000	
Program increase—Air Force FSRM .....		150,000	
SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS .....	---	450,000	450,000
TOTAL, OPERATION AND MAINTENANCE .....	331,764	781,764	450,000

## DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

The Committee recommends an additional appropriation of \$215,333,000 for Drug Interdiction and Counter-Drug Activities Defense. The Committee recommendation is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

(In thousands of dollars)

	Budget Request	Committee Recommended	Change from Request
COUNTER-NARCOTICS SUPPORT .....	215,333	215,333	---
TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	215,333	215,333	---

## JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND

The Committee recommends an additional appropriation of \$408,272,000 for the Joint Improvised Explosive Device Defeat Fund. The Committee recommendation is as follows:

### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

(In thousands of dollars)

	Budget Request	Committee Recommended	Change from Request
RAPID ACQUISITION AND THREAT RESPONSE .....	345,472	345,472	---
MISSION ENABLERS .....	62,800	62,800	---
TOTAL, JOINT IMPROVISED EXPLOSIVE DEVICE DEFEAT FUND .....	408,272	408,272	---

## OFFICE OF THE INSPECTOR GENERAL

The Committee recommends an additional appropriation of \$22,062,000 for the Office of the Inspector General.

### GENERAL PROVISIONS

Title IX contains several general provisions, many of which extend or modify war-related authorities included in previous Acts. A brief description of the recommended provisions follows:

Section 9001 has been amended and provides that funds made available in this title are in addition to funds appropriated or otherwise made available for the Department of Defense for the current fiscal year.

Section 9002 provides for general transfer authority within title IX.

Section 9003 provides that supervision and administration costs associated with a construction project funded with appropriations available for operation and maintenance, Afghanistan Infrastructure Fund, or the Afghanistan Security Forces Fund may be obligated at the time a construction contract is awarded.

Section 9004 provides for the procurement of passenger motor vehicles and heavy and light armored vehicles for use by military and

civilian employees of the Department of Defense in the United States Central Command area of responsibility.

Section 9005 provides funding for the Commanders' Emergency Response Program, within certain limitations.

Section 9006 provides lift and sustainment to coalition forces supporting military and stability operations in Iraq and Afghanistan.

Section 9007 prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq oil resources.

Section 9008 prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Section 9009 limits the obligation of funding for the Afghanistan Security Forces Fund until certain conditions have been met.

Section 9010 provides for the purchase of items of a particular investment unit cost from funding made available for operation and maintenance.

Section 9011 has been amended and provides funding for the operations and activities of the Office of Security Cooperation in Iraq and security assistance teams.

Section 9012 has been amended and provides security assistance to the Government of Jordan.

Section 9013 has been amended and prohibits the use of funds to procure or transfer man-portable air defense systems.

Section 9014 has been modified and provides assistance and sustainment to the military and national security forces of Ukraine.

Section 9015 provides replacement funds for items provided to the Government of Ukraine from the inventory of the United States.

Section 9016 prohibits the use of funds to procure or transfer man-portable air defense systems to Ukraine.

Section 9017 restricts funds provided under the heading Operation and Maintenance, Defense-wide for payments under Coalition Support Funds for reimbursement to the Government of Pakistan until certain conditions are met.

Section 9018 has been amended and provides funds to the Department of Defense to improve intelligence, surveillance, and reconnaissance capabilities.

Section 9019 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 9020 has been amended and provides for the rescission of \$669,000,000 from the following programs:

2016 Appropriations:

Operation and Maintenance, Defense-Wide:	
DSCA Coalition Support Fund .....	\$300,000,000
Counterterrorism Partnerships Fund:	
Counterterrorism Partnerships Fund .....	200,000,000
Other Procurement, Air Force:	
Classified adjustment .....	169,000,000

Section 9021 has been amended and requires the President to designate Overseas Contingency Operation/Global War on Terrorism funds.





## TITLE X

### GENERAL PROVISIONS

Title X contains the following general provision:

Section 10001 is new and provides that the amount by which the applicable allocation of new budget authority under section 302(b) of the Congressional Budget Act of 1974 exceeds the amount of proposed new budget authority is \$0.

### HOUSE OF REPRESENTATIVES REPORTING REQUIREMENTS

The following items are included in accordance with various requirements of the Rules of the House of Representatives:

#### STATEMENT OF GENERAL PERFORMANCE GOALS AND OBJECTIVES

Pursuant to clause 3(c)(4) of rule XIII of the Rules of the House of Representatives, the following is a statement of general performance goals and objectives for which this measure authorizes funding:

The Committee on Appropriations considers program performance, including a program's success in developing and attaining outcome-related goals and objectives, in developing funding recommendations.

#### RESCISSIONS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House or Representatives, the following table is submitted describing the rescissions recommended in the accompanying bill:

Aircraft Procurement, Army, 2015/2017 .....	\$15,000,000
Other Procurement, Army, 2015/2017 .....	30,000,000
Aircraft Procurement, Navy, 2015/2017 .....	150,000,000
Weapons Procurement, Navy, 2015/2017 .....	16,698,000
Procurement of Ammunition, Navy and Marine Corps, 2015/2017 .....	43,600,000
Aircraft Procurement, Air Force, 2015/2017 .....	65,800,000
Procurement of Ammunition, Army, 2016/2018 .....	13,000,000
Other Procurement, Army, 2016/2018 .....	58,000,000
Aircraft Procurement, Navy, 2016/2018 .....	6,755,000
Weapons Procurement, Navy, 2016/2018 .....	15,413,000
Procurement of Ammunition, Navy and Marine Corps, 2016/2018 .....	1,000,000
Shipbuilding and Conversion, Navy, 2016/2020 .....	276,906,000
Other Procurement, Navy, 2016/2018 .....	54,394,000
Aircraft Procurement, Air Force, 2016/2018 .....	178,300,000
Other Procurement, Air Force, 2016/2018 .....	23,250,000
Procurement, Defense-Wide, 2016/2018 .....	2,600,000
Research, Development, Test and Evaluation, Army, 2016/2017 .....	73,000,000
Research, Development, Test and Evaluation, Navy, 2016/2017 .....	75,000,000
Research, Development, Test and Evaluation, Air Force, 2016/2017 .....	181,700,000
Research, Development, Test and Evaluation, Defense-Wide, 2016/2017 .....	3,000,000

## Overseas Contingency Operations/Global War on Terrorism:

Operation and Maintenance, Defense-Wide, 2016/2017 .....	\$300,000,000
Counterterrorism Partnerships Fund, 2016/2017 .....	200,000,000
Other Procurement, Air Force, 2016/2018 .....	169,000,000

## TRANSFER OF FUNDS

Pursuant to clause 3(f)(2) of rule XIII of the Rules of the House of Representatives, the following is submitted describing the transfer of funds provided in the accompanying bill.

Language has been included under "Operation and Maintenance, Defense-Wide" which provides for the transfer of funds for certain classified activities.

Language has been included under "Environmental Restoration, Army" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Navy" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Air Force" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Defense-Wide" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Environmental Restoration, Formerly Used Defense Sites" which provides for the transfer of funds for environmental restoration, reduction and recycling of hazardous waste, removal of unsafe buildings and debris, or for similar purposes.

Language has been included under "Research, Development, Test and Evaluation, Defense-Wide" which provides for the transfer of funds for the Defense Rapid Innovation Program to appropriations for research, development, test and evaluation for specific purposes.

Language has been included under "Drug Interdiction and Counter-Drug Activities, Defense" which provides for the transfer of funds to appropriations available to the Department of Defense for military personnel of the reserve components; for operation and maintenance; for procurement; and for research, development, test and evaluation for drug interdiction and counter-drug activities of the Department of Defense.

Language has been included under "General Provisions, Sec. 8005" which provides for the transfer of working capital funds to other appropriations accounts of the Department of Defense for military functions.

Language has been included under "General Provisions, Sec. 8008" which provides for the transfer of funds between working capital funds and the "Foreign Currency Fluctuations, Defense" appropriation and the "Operation and Maintenance" appropriation accounts.

Language has been included under "General Provisions, Sec. 8015" which provides for the transfer of funds from the Department of Defense Pilot Mentor-Protégé Program to any other appropriation for the purposes of implementing a Mentor-Protégé Program development assistance agreement.

Language has been included under "General Provisions, Sec. 8052" which provides for the transfer of funds from "Operation and Maintenance, Defense-Wide" to appropriations available for the pay of military personnel in connection with support and services of eligible organizations and activities outside the Department of Defense.

Language has been included under "General Provisions, Sec. 8056" which provides for the transfer of funds from the Department of Defense to the Army, Navy, Marine Corps, and Air Force, including Reserve and National Guard, to support high priority Sexual Assault Prevention and Response Program requirements and activities.

Language has been included under "General Provisions, Sec. 8065" which provides for the transfer of funds from "Operation and Maintenance, Army" to other activities of the federal government.

Language has been included under "General Provisions, Sec. 8068" which provides for the transfer of funds from "Procurement, Defense-Wide" and "Research, Development, Test and Evaluation, Defense-Wide" for the Israeli Cooperative Programs.

Language has been included under "General Provisions, Sec. 8069" which provides for the transfer of funds under the heading "Shipbuilding and Conversion, Navy" to fund prior year shipbuilding cost increases.

Language has been included under "General Provisions, Sec. 8084" which provides for the transfer of funds appropriated in the Intelligence Community Management Account for the Program Manager for the Information Sharing Environment to other departments and agencies for the purposes of Government-wide information sharing activities.

Language has been included under "General Provisions, Sec. 8089" which provides for the transfer of funds from "Operation and Maintenance, Army", "Operation and Maintenance, Navy", and "Operation and Maintenance, Air Force" to the central fund established for Fisher Houses and Suites.

Language has been included under "General Provisions, Sec. 8090" which provides that funds appropriated by this Act may be made available for the purpose of making remittances to the Defense Acquisition Workforce Development Fund.

Language has been included under "General Provisions, Sec. 8093" which provides for the transfer of funds appropriated for operation and maintenance for the Defense Health Program to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Language has been included under "General Provisions, Sec. 8096" which provides for the transfer of funds for the National Intelligence Program.

Language has been included under "General Provisions, Sec. 8124" which provides for the transfer of funds from "Ship Mod-

ernization, Operations and Sustainment Fund" to support specific Ticonderoga-class guided missile cruisers.

Language has been included under "General Provisions, Sec. 8131" which provides for the transfer of funds for pay for military personnel for purposes of fully funding the authorized military pay raise.

Language has been included under "General Provisions, Sec. 8133" which provides for the transfer of funds to support activities related to the Zika virus.

Language has been included under title IX "Operation and Maintenance, Navy" for the transfer of funds to the "Coast Guard Operating Expenses" account.

Language has been included under title IX "Counterterrorism Partnerships Fund" for the transfer of funds to other appropriations provided for in this Act.

Language has been included under title IX "Joint Improvised Explosive Devise Defeat Fund" which provides for the transfer of funds to appropriations available to the Department of Defense for military personnel; for operation and maintenance; for procurement; for research, development, test and evaluation; and for defense working capital funds for purposes related to assisting United States forces in the defeat of improvised explosive devices.

Language has been included under "General Provisions, Sec. 9002" which provides for the authority to transfer funds between the appropriations or funds made available to the Department of Defense in title IX, subject to certain conditions.

Language has been included under "General Provisions, Sec. 9018" which provides for the transfer of funds to the operation and maintenance, military personnel, and procurement accounts, to improve the intelligence, surveillance, and reconnaissance capabilities of the Department of Defense.

#### EARMARK DISCLOSURE STATEMENT

Neither the bill nor the report contains any congressional earmarks, limited tax benefits, or limited tariff benefits as defined in Clause 9 of rule XXI.

#### COMPLIANCE WITH RULE XIII, CL. 3(E) (RAMSEYER RULE)

In compliance with clause 3(e) of rule XIII of the Rules of the House of Representatives, the Committee notes that the accompanying bill does not propose to repeal or amend a statute or part thereof.

#### CHANGES IN THE APPLICATION OF EXISTING LAW

Pursuant to clause 3(f)(1)(A) of rule XIII of the Rules of the House of Representatives, the following statements are submitted describing the effect of provisions in the accompanying bill which directly or indirectly change the application of existing law.

Language is included in various parts of the bill to continue ongoing activities which require annual authorization or additional legislation, which to date has not been enacted.

The bill includes a number of provisions which place limitations on the use of funds in the bill or change existing limitations and

which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions which provide for the transfer of funds and which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions, which have been virtually unchanged for many years that are technically considered legislation.

The bill provides that appropriations shall remain available for more than one year for some programs for which the basic authorizing legislation does not presently authorize each extended availability.

In various places in the bill, the Committee has allocated funds within appropriation accounts in order to fund specific programs.

Language is included in various accounts placing a limitation on funds for emergencies and extraordinary expenses.

Language is included that provides not more than \$15,000,000 for the Combatant Commander Initiative Fund.

Language is included that provides not less than \$35,045,000 for the Procurement Technical Assistance Cooperative Agreement Program, of which not less than \$3,600,000 shall be available for centers.

Language is included that prohibits the consolidation of certain legislative affairs or liaison offices.

Language is included that makes available \$8,023,000 for certain classified activities, allows such funds to be transferred between certain accounts, and exempts such funds from the investment item unit cost ceiling.

Language is included that limits the use of funds for official representation purposes under the heading "United States Court of Appeals for the Armed Forces".

Language is included that provides for specific construction, acquisition, or conversion of vessels under the heading "Shipbuilding and Conversion, Navy".

Language is included that provides for the incurring of additional obligations for certain activities under the heading "Shipbuilding and Conversion, Navy".

Language is included that prohibits the use of funds provided under the heading "Shipbuilding and Conversion, Navy" for the construction of any naval vessel, or the construction of major components for the construction or conversion of any naval vessel, in foreign facilities or shipyards.

Language is included under the heading "Research, Development, Test and Evaluation, Navy" that provides funds for certain activities related to the V-22.

Language is included under the heading "Research, Development, Test and Evaluation, Defense-Wide" that provides \$250,000,000 for the Defense Rapid Innovation Program and provides for the transfer of funds subject to certain requirements.

Language is included that specifies the use of certain funds provided under the heading "Defense Health Program".

Language is included that provides that not less than \$8,000,000 of funds provided under the heading "Defense Health Program" shall be available for HIV/AIDS prevention educational activities.

Language is included that provides for the carry-over of no more than one percent of operation and maintenance funds provided under the heading "Defense Health Program".

Language is included under the heading "Defense Health Program" that provides that not less than \$619,100,000 shall be made available to the U.S. Army Medical Research and Materiel Command to carry out congressionally directed medical research programs.

Language is included that specifies the use of certain funds provided under the heading "Chemical Agents and Munitions Destruction, Defense".

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

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

Language is included that provides that no funds made available in this Act may be obligated beyond the end of the fiscal year unless expressly provided for in this Act.

Language is included that limits the obligation of certain funds during the last two months of the fiscal year to no more than 20 percent with certain exceptions.

Language is included that provides for incorporation of project level adjustments specified in tables included in this report.

Language is included that provides for the establishment of a baseline for application of reprogramming and transfer authorities for fiscal year 2017 and prohibits reprogramming and transfers, with certain exceptions, until after submission of a report.

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

Language is included that prohibits the use of funds appropriated by this Act to initiate a special access program without prior notification to the congressional defense committees.

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

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

Language is included that provides that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations, sets forth certain requirements related to end strength for the budget submission, and requires that Department of Army Science and Technology Reinvention Laboratories be managed based on the available budget.

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

Language is included that prohibits the use of funds to pay compensation to any member of the Army participating as a full-time student and receiving benefits from the Education Benefits Fund when time spent as a full-time student is counted toward that member's service commitment, with certain exceptions.

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

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

Language is included that prohibits the use of funds made available to the Department of Defense to demilitarize or destroy surplus firearms or small arms ammunition except under certain circumstances.

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

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

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

Language is included that provides for the obligation of funds for purposes specified in section 2350j(c) of title 10, United States Code.

Language is included that provides funding for the Civil Air Patrol Corporation.

Language is included that prohibits the use of funds appropriated in this Act to establish a new federally funded research and development center (FFRDC), pay compensation to certain individuals associated with an FFRDC, construct certain new buildings not located on military installations, or increase the number of staff years for defense FFRDCs beyond a specified amount.

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

Language is included that defines congressional defense committees for the purposes of this Act.

Language is included that provides for competitions between private firms and Department of Defense Depot Maintenance Activities for modification, depot maintenance, and repair of aircraft, vehicles, and vessels, as well as the production of components and other Defense-related articles.

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

Language is included that provides for the availability of funds for the Department of Defense Overseas Military Facility Investment Recovery Account established by section 2921(c)(1) of the 1991 National Defense Authorization Act.

Language is included that provides for the conveyance, without consideration, of excess relocatable housing units located at Grand Forks, Malmstrom, Mountain Home, Ellsworth, and Minot Air Force Bases to Indian tribes.

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

Language is included that prohibits funds from being used to disestablish, close, downgrade, or place on probation a Senior Reserve Officers' Training Corps program.

Language is included that provides for the issuance of regulations placing certain limitations on the sale of tobacco products in military resale outlets.

Language is included that limits the purchase of specified investment items with Working Capital Funds.

Language is included that provides that none of the funds appropriated for the Central Intelligence Agency shall remain available for obligation beyond the current fiscal year except for funds appropriated for the Reserve for Contingencies, the Central Services Working Capital Fund, or other certain programs authorized under section 503 of the National Security Act of 1947.

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

Language is included that provides that not less than \$12,000,000 appropriated under the heading "Operation and Maintenance, Defense-Wide" shall be for mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Language is included that provides for the Department of Defense to comply with the Buy American Act (chapter 83 of title 41, United States Code).

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

Language is included that limits the use of funds made available in this Act to establish or support field operating agencies.

Language is included that limits the use of funds appropriated by this Act for the conversion of an activity or function of the Department of Defense to contractor performance.

Language is included in title VIII and title IX that provides for the rescission of previously appropriated funds.

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

Language is included that prohibits the use of funds made available in this Act for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Language is included that provides for the use of operation and maintenance funds appropriated in this Act for reimbursement to the National Guard and reserve when members of the National Guard and reserve provide intelligence or counterintelligence sup-



port to the Combatant Commands, Defense Agencies, and Joint Intelligence Activities.

Language is included that provides that funds made available to the Department of Defense and Central Intelligence Agency for drug interdiction and counter-drug activities may not be transferred to other agencies except as specifically provided in an appropriations law.

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

Language is included that places conditions on the use of funds made available by this Act for Evolved Expendable Launch Vehicle service competitive procurements.

Language is included to provide funding to make grants to specified entities upon determination by the Secretary of Defense that such grants serve the national interest.

Language is included that provides for the Department of Defense to purchase supercomputers manufactured only in the United States with an exception for certain circumstances.

Language is included to allow for Small Business Innovation Research program and Small Business Technology Transfer program set-asides.

Language is included that prohibits the use of funds made available in this Act to pay contractor bonuses arising from a business restructuring.

Language is included that provides for the transfer of funds to be used in support of personnel supporting approved organizations and activities outside the Department of Defense.

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

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

Language is included that prohibits the use of funds to modify command and control relationships affecting Navy forces assigned to the Pacific Fleet.

Language is included that provides for the use of funds made available under the heading "Operation and Maintenance, Defense-Wide" for high priority Sexual Assault Prevention and Response program requirements, including the transfer of funds.

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

Language is included that provides for a waiver by the Secretary of Defense of "Buy America" provisions for certain cooperative programs.

Language is included that prohibits the use of funds made available in this Act for repairs or maintenance to military family housing units, for which funds are provided in other appropriations acts.

Language is included that provides that funds for new starts for advanced concept technology demonstration projects may be obligated or expended only after notification to the congressional defense committees.

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

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

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

Language is included that provides for a waiver by the Chief of the National Guard Bureau or his designee for all or part of consideration in cases of personal property leases of one year or less to certain organizations specified by section 508(d) of title 32, United States Code.

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

Language is included that prohibits the modification of the appropriations account structure or presentation of the budget request for the National Intelligence Program, or modification of the process by which National Intelligence Program appropriations are apportioned, allotted, obligated, and disbursed.

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

Language is included that provides funding and transfer authority for the Israeli Cooperative missile defense programs.

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

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

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

Language is included that provides that the budget of the President for fiscal year 2018 shall include separate budget justification documents for costs of the United States Armed Forces’ participation in contingency operations that contain certain budget exhibits as defined in the Department of Defense Financial Management Regulation.

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

Language is included that reduces the total amount of funding in this Act to reflect savings due to favorable foreign exchange rates.

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

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

Language is included that prohibits the transfer of program authorities related to tactical unmanned aerial vehicles from the Army.

Language is included that provides funding and authority for the Asia Pacific Regional Initiative program.

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

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

Language is included that prohibits the reprogramming or transfer of funds provided in this Act for the National Intelligence Program until the Director of National Intelligence submits a baseline for application of reprogramming and transfer authorities.

Language is included that prohibits the use of funds made available by this Act to eliminate, restructure, realign, or reduce certain Army Contracting Command sites without prior notification to the congressional defense committees.

Language is included that prohibits the use of funds made available by this Act for excess defense articles, assistance, or peace-keeping operations for countries designated to be in violation of the standards of the Child Soldiers Prevention Act of 2008.

Language is included that provides for the transfer of funds appropriated to the Intelligence Community Management Account for the Program Manager for Information Sharing Environment to other departments and agencies for certain purposes.

Language is included that sets forth reprogramming and transfer procedures for the National Intelligence Program.

Language is included that provides that the Director of National Intelligence shall submit budget exhibits identifying the future-years intelligence program.

Language is included that defines the congressional intelligence committees for the purposes of this Act.

Language is included that requires the Department of Defense to report incremental contingency operations costs on a monthly basis.

Language is included that provides that funds from certain operation and maintenance accounts may be transferred to a central fund established for Fisher Houses and Suites pursuant to section 2493(d) of title 10, United States Code.

Language is included that provides that funds appropriated by this Act may be used for making remittances and transfers to the Defense Acquisition Workforce Development Fund.

Language is included that provides that agencies post congressionally directed reports on a public website.

Language is included that provides limitations on the award of contracts to contractors that require mandatory arbitration for certain claims as a condition of employment or a contractual relationship. The Secretary of Defense is authorized to waive the applicability of these limitations for national security interests.

Language is included that provides for the availability and transfer of funds for the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.

Language is included that provides for the purchase of heavy and light armored vehicles for physical security or force protection purposes.

Language is included that prohibits the use of funds in contravention of section 130h of title 10, United States Code.

Language is included that provides transfer authority for the Director of National Intelligence for the National Intelligence Program subject to certain limitations.

Language is included that prohibits funds to transfer or release certain individuals detained at Guantanamo Bay, Cuba into the United States, its territories, or possessions.

Language is included that prohibits the use of funds to construct, acquire, or modify any facility in the United States, its territories, or possessions to house individuals detained at Guantanamo Bay, Cuba.

Language is included that prohibits the use of funds to transfer any individual detained at Guantanamo Bay, Cuba to the custody or control of the individual's country of origin, any other foreign country, or any other foreign entity except in accordance with sections 1034 of the National Defense Authorization Act for Fiscal Year 2016 and 1034 of the National Defense Authorization Act for Fiscal Year 2017.

Language is included that prohibits the use of funds in contravention of the War Powers Resolution (50 U.S.C. 1541).

Language is included that prohibits the lease or purchase of new light duty vehicles except in accordance with Presidential Memorandum-Federal Fleet Performance, dated May 24, 2011.

Language is included that prohibits the Department of Defense from entering into certain agreements with Rosoboronexport with certain waiver authorities.

Language is included that prohibits the use of funds for the purchase or manufacture of a United States flag unless such flag is treated as a covered item under section 2533a(b) of title 10, United States Code.

Language is included that provides for the availability of funds for ex gratia payments in certain circumstances subject to certain conditions.

Language is included that prohibits the use of funds to reduce or prepare to reduce the number of deployed and non-deployed strategic delivery vehicles and launchers below certain authorized levels.

Language is included that requires grant awards to be posted on a public website in a searchable format.

Language is included that prohibits the use of funds for the performance of a flight demonstration team at a location outside the United States if a performance at a location within the United States was canceled during the current fiscal year due to insufficient funding.

Language is included that prohibits the use of funds by the National Security Agency for certain activities.

Language is included that prohibits the use of funds to implement the Arms Trade Treaty until the Senate approves a resolution of ratification.

Language is included that prohibits the use of funds made available in this or any other Act to pay the salary of any officer or employee who approves or implements the transfer of certain administrative responsibilities or budgetary resources unless expressly provided for in Defense Appropriations Acts.

Language is included that requires certain notification on the use of funds for activities authorized under section 1208 of the National Defense Authorization Act for Fiscal Year 2005, with a waiver for exigent circumstances.

Language is included that prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution (50 U.S.C. 1541).

Language is included that prohibits the use of funds to divest, retire, transfer or place in storage or on backup status any A-10 aircraft, or to disestablish any A-10 units.

Language is included that provides for the use of funds from "Research, Development, Test and Evaluation, Defense-Wide" to support Department of Defense activities related to the implementation of the Digital Accountability and Transparency Act.

Language is included that prohibits the use of funds to award a new contract for the T-AO(X) program except under certain circumstances.

Language is included that reduces the amount of funds appropriated in title II of this Act due to excess cash balances in the Department of Defense Working Capital Funds.

Language is included that reduces the amount of funds appropriated in title II of this Act due to lower than anticipated fuel costs.

Language is included that prohibits the use of funds made available by this Act to divest or retire KC-10 aircraft.

Language is included that prohibits the use of funds made available by this Act to divest, retire, transfer, or place in storage or on backup inventory status any EC-130H aircraft.

Language is included that prohibits the use of funds made available by this Act to pay Government Travel Charge Card expenses for gaming or certain entertainment activities.

Language is included that prohibits the use of funds made available by this Act to propose, plan for, or execute a new base realignment and closure round.

Language is included that makes funds appropriated in title III of this Act available for multiyear procurement contracts for AH-64E Apache and UH-60M Blackhawk helicopters.

Language is included that makes available funds provided under the heading "Operation and Maintenance, Navy" for purposes related to the National Defense Reserve Fleet.

Language is included that provides for the transfer of funds previously appropriated under the heading "Ship Modernization, Operations, and Sustainment Fund" for the purposes of sustaining, equipping, and modernizing specified vessels.

Language is included that provides that the Secretary of Defense may use funds appropriated in titles II, III, and IV of this Act and Defense Working Capital Funds to develop, replace, and sustain Federal Government security and suitability background investigation information technology systems.

Language is included that provides for a limitation on the use of funds made available by this Act for the Joint Surveillance Target Attack Radar System recapitalization program.

Language is included that provides for the Secretary of the Air Force to implement cost-effective agreements for required heating facility modernization in the Kaiserslautern Military Community subject to certain conditions.

Language is included that provides that not less than \$48,000,000 of funds provided under the heading "Defense Working Capital Funds" in this Act shall be used to support transportation of fresh fruits and vegetables to commissaries in Asia and the Pacific.

Language is included that provides for limitations on the acceptance of fresh fruits and vegetables at commissaries in Asia and the Pacific.

Language is included that prohibits the use of funds made available in this or any other Act to partially or wholly close, or partially or wholly transfer from the jurisdiction of the Department of Defense of the United States, Naval Station Guantanamo Bay.

Language is included providing for the availability and transfer of additional amounts for military personnel pay.

Language is included prohibiting the use of funds made available by this Act to enforce section 526 of the Energy Independence and Security Act of 2007.

Language is included providing for the availability and transfer of additional readiness funds made available to the Services in title II of this Act for activities related to the Zika virus.

Language is included that makes available funds for financial support to military memorials and museums for the purpose of highlighting the role of women in the military, subject to certain limitations.

Language is included that prohibits funding for computer networks that do not block pornography, subject to certain law enforcement and national defense exceptions.

Language is included under the heading "Operation and Maintenance, Defense-Wide" in title IX that provides for the use of funds for certain purposes subject to certain limitations.

Language is included under the heading "Counterterrorism Partnerships Fund" that provides for the transfer and use of funds for certain purposes.

Language is included under the heading "Afghanistan Security Forces Fund" that provides for the use of funds for certain purposes and the management of contributions and returned items.

Language is included under the heading "Counter-Islamic State of Iraq and the Levant Train and Equip Fund" that provides for the use of funds for certain purposes, compliance with vetting standards, management of contributions, and the submission of certain reports.

Language is included under the heading "National Guard and Reserve Equipment Account" providing for the procurement of certain items and the submission of modernization priority assessments.

Language is included under the heading "Joint Improvised-Threat Defeat Fund" that makes funds available for certain purposes notwithstanding any other provision of law and provides for transfers to other accounts.

Language is included that provides that amounts designed in this Act as Overseas Contingency Operations/Global War on Terrorism shall be available only if the President subsequently so designates all such amounts and transmits such designations to the Congress.

Language is included that provides that funds made available in title IX are in addition to amounts appropriated or otherwise made available for the Department of Defense for the current fiscal year.

Language is included that provides for supervision and administration costs for construction projects associated with overseas contingency operations.

Language is included that provides for the availability of funds to purchase passenger, heavy, and light armored vehicles notwithstanding price or other limitations on the purchase of passenger carrying vehicles for use in the U.S. Central Command area of responsibility.

Language is included that provides funds and authority for the Commanders' Emergency Response Program and establishes certain reporting requirements.

Language is included that authorizes the use of funds to provide certain assistance to coalition forces supporting military and stability operations in Afghanistan and to counter the Islamic State of Iraq and the Levant, and establishes certain reporting requirements.

Language is included that prohibits the use of funds to establish permanent bases in Iraq or Afghanistan.

Language is included that prohibits the use of funds in contravention of certain laws or regulations promulgated to implement the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Language is included that places limitations on the use of Afghanistan Security Forces Funds and requires certain certifications.

Language is included that provides for the availability of funds appropriated in title IX of this Act for the purchase of items having an investment unit cost of up to \$250,000, subject to certain conditions.

Language is included that authorizes up to \$60,000,000 under the heading "Operation and Maintenance, Air Force" for the Office of Security Cooperation in Iraq and security assistance teams, and operations and activities authorized in the National Defense Authorization Act for Fiscal Year 2016, subject to written notice requirements.

Language is included that provides for up to \$500,000,000 of funds appropriated by this Act for the Counterterrorism Partnerships Fund to be used for assistance to the Government of Jordan for certain purposes.

Language is included prohibiting the use of funds made available by this Act under the heading "Counter-Islamic State of Iraq and the Levant Train and Equip Fund" to procure or transfer man-portable air defense systems.

Language is included that provides for \$150,000,000 for assistance to the military and national security forces of Ukraine for certain purposes and under certain conditions.

Language is included providing for the availability of funds appropriated in title IX for replacement of items provided to the Government of Ukraine from the inventory of the United States to the extent provided for in this Act.

Language is included prohibiting the use of funds made available by this Act for assistance to Ukraine to procure or transfer man-portable air defense systems.

Language is included that places limitations on the use of Coalition Support Funds for the Government of Pakistan.

Language is included that provides for additional funds and transfer authority to improve the intelligence, surveillance, and reconnaissance capabilities of the Department of Defense, subject to a reporting requirement.

Language is included that prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution (50 U.S.C. 1541).

Language is included that sets the amount by which subcommittee allocation exceeds the amount of proposed new budget authority at \$0.



## APPROPRIATIONS NOT AUTHORIZED BY LAW

Pursuant to clause 3(f)(1) of rule XII of the Rules of the House of Representatives, the following table lists the appropriations in the accompanying bill which are not authorized by law:

(In thousands of dollars)

Agency/Program	Last year of authorization	Authorization Level	Appropriations in last year of authorization	Appropriations in this bill 2017	2017 compared to 2016	2017 compared to 2016
<b>DEPARTMENT OF DEFENSE</b>						
Military Personnel, Army.....	2016	(1)	37,295,571	39,985,962	-1,196,767	2,691,391
Military Personnel, Navy.....	2016	(1)	26,711,323	27,774,605	387,281	1,063,282
Military Personnel, Marine Corps.....	2016	(1)	12,586,879	12,701,412	-84,019	114,733
Military Personnel, Air Force.....	2016	(1)	26,226,952	27,764,615	230,263	1,567,683
Reserve Personnel, Army.....	2016	(1)	4,453,184	4,458,963	154,804	-4,201
Reserve Personnel, Navy.....	2016	(1)	1,886,891	1,898,825	82,501	31,934
Reserve Personnel, Marine Corps.....	2016	(1)	705,271	763,305	104,081	58,034
Reserve Personnel, Air Force.....	2016	(1)	1,589,333	1,718,126	65,978	28,793
National Guard Personnel, Army.....	2016	(1)	7,980,413	7,827,440	182,808	-152,973
National Guard Personnel, Air Force.....	2016	(1)	3,202,010	3,271,215	160,628	69,205
Operation and Maintenance, Army.....	2016	26,815,511	28,349,761	34,436,295	1,764,315	6,086,534
Operation and Maintenance, Navy.....	2016	21,184,590	40,548,338	40,213,485	1,139,942	-334,853
Operation and Maintenance, Marine Corps.....	2016	3,952,870	5,338,793	6,239,386	254,686	900,573
Operation and Maintenance, Air Force.....	2016	29,792,942	36,094,464	38,209,602	3,185,442	2,115,116
Operation and Maintenance, Defense-Wide.....	2016	31,684,843	30,182,187	32,283,224	1,366,483	2,081,037
Operation and Maintenance, Army Reserve.....	2016	2,686,192	2,644,274	2,767,471	231,865	123,197
Operation and Maintenance, Navy Reserve.....	2016	960,358	999,621	975,724	-36,103	-23,897
Operation and Maintenance, Marine Corps Reserve.....	2016	276,335	278,761	320,065	49,581	43,305
Operation and Maintenance, Air Force Reserve.....	2016	2,950,557	2,915,862	3,106,066	116,852	292,204
Operation and Maintenance, Army National Guard.....	2016	7,193,477	6,731,119	6,923,595	807,288	192,476
Operation and Maintenance, Air National Guard.....	2016	8,819,510	6,805,400	6,708,200	314,281	102,800
United States Court of Appeals for the Armed Forces.....	2016	14,078	14,078	14,194	471	116
Environmental Restoration, Army.....	2016	234,826	234,829	170,167	-31,393	-84,662
Environmental Restoration, Navy.....	2016	292,453	300,000	289,262	11,968	-10,738
Environmental Restoration, Air Force.....	2016	368,131	368,131	371,521	-37,195	3,390
Environmental Restoration, Defense-Wide.....	2016	8,232	8,232	9,009	462	777
Environmental Restoration, Formerly Used Defense Sites.....	2016	203,717	228,717	222,084	-11,269	-6,633
Overseas Humanitarian, Disaster, and Civic Aid.....	2016	100,266	102,266	108,125	5,125	4,859
Cooperative Threat Reduction Account.....	2016	358,496	358,496	325,604	-39,504	-32,892
Aircraft Procurement, Army.....	2016	5,868,357	5,338,971	4,628,697	-667,260	-708,274
Missile Procurement, Army.....	2016	1,695,957	1,160,482	1,502,377	284,894	341,895
Procurement of Weapons and Tracked Combat Vehicles, Army.....	2016	2,311,573	1,805,773	2,244,547	640,811	438,774
Procurement of Ammunition, Army.....	2016	1,222,426	1,037,778	1,513,157	501,680	505,379
Other Procurement, Army.....	2016	5,613,282	5,330,677	6,068,356	1,277,122	688,679
Aircraft Procurement, Navy.....	2016	17,927,811	16,871,819	15,500,093	1,845,570	-671,726
Weapons Procurement, Navy.....	2016	3,202,822	2,998,541	3,102,544	-9,367	104,003
Procurement of Ammunition, Navy and Marine Corps ..	2016	723,741	559,141	801,593	-27,809	42,422
Shipbuilding and Conversion, Navy.....	2016	17,828,457	16,852,589	18,484,524	4,228,163	1,631,955
Other Procurement, Navy.....	2016	6,660,165	6,695,715	6,099,326	175,947	-597,399
Procurement, Marine Corps.....	2016	1,284,112	973,084	1,213,672	286,840	240,788
Aircraft Procurement, Air Force.....	2016	16,049,413	14,224,475	14,325,117	2,278,176	100,542
Missile Procurement, Air Force.....	2016	2,988,661	2,334,185	2,268,772	-2,257,439	-45,393
Space Procurement, Air Force.....	2016	2,555,710	1,935,034	2,536,152	2,536,152	603,118
Procurement of Ammunition, Air Force.....	2016	1,777,343	253,496	1,609,719	961,519	1,356,223
Other Procurement, Air Force.....	2016	16,312,084	15,098,950	17,342,313	709,290	2,243,363
Procurement, Defense-Wide.....	2016	5,030,084	5,143,095	4,649,876	291,755	-493,219
Research, Development, Test and Evaluation, Army.....	2016	7,121,847	7,372,047	7,857,017	1,137,017	484,970
Research, Development, Test and Evaluation, Navy.....	2016	18,344,181	17,237,724	18,831,290	953,520	-466,434
Research, Development, Test and Evaluation, Air Force	2016	25,874,505	23,183,152	27,106,851	3,667,869	3,843,699
Research, Development, Test and Evaluation, Defense-Wide.....	2016	18,833,498	18,207,171	18,311,236	1,233,336	104,065
Operational Test and Evaluation, Defense.....	2016	170,558	170,559	178,994	-69,244	8,438
Defense Working Capital Funds.....	2016	1,435,354	1,634,588	1,371,813	37,145	-262,955
National Defense Sealift Fund.....	2016	0	474,164	0	0	-474,164
Defense Health Program.....	2016	31,543,134	31,440,009	33,576,563	1,941,693	2,136,564
Chemical Agents and Munitions Destruction, Defense.....	2016	720,721	720,721	551,023	-277,845	-169,698
Drug Interdiction and Counter-Drug Activities, Defense.....	2016	880,598	978,298	908,800	-35,867	30,502
Joint Improvised Explosive Device Defeat Fund.....	2016	428,271	443,271	408,272	-36,192	-34,999
Office of the Inspector General.....	2016	312,559	316,159	322,035	10,265	5,876
Central Intelligence Agency Retirement and Disability System Fund.....	2016	N/A	514,000	514,000	0	0
Intelligence Community Management Account.....	2016	N/A	507,923	483,598	-17,598	-24,327
Title IX - Overseas Deployments and Other Activities	2016	48,890,061	88,421,000	58,626,000	-20,819,000	-29,795,000
National Guard and Reserve Equipment.....	2016	420,000	1,500,000	1,000,000	-1,000,000	-500,000

1/ The FY 2016 National Defense Authorization Act authorizes \$135,712,337,000 for military personnel

Note: The bill includes several transfers of funds which may or may not be specifically authorized in law.

## COMPARISON WITH THE BUDGET RESOLUTION

Clause 3(c)(2) of rule XIII of the Rules of the House of Representatives requires an explanation of compliance with section 308(a)(1)(A) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93-344), as amended, which requires that the report accompanying a bill providing new budget authority contain a statement detailing how that authority compares with the reports submitted under section 302 of the Act for the most recently agreed to concurrent resolution on the budget for the fiscal year from the Committee's section 302(a) allocation. This information follows:

**[INSERT TABLE]**

## FIVE-YEAR OUTLAY PROJECTIONS

In compliance with section 308(a)(1)(B) of the Congressional Budget and Impoundment Control Act of 1974 (Public Law 93-344), as amended, the following table contains five-year projections associated with the budget authority provided in the accompanying bill.

**[INSERT TABLE]**

## FINANCIAL ASSISTANCE TO STATE AND LOCAL GOVERNMENTS

**[INSERT TABLE]**

## PROGRAM DUPLICATION

No provision of this bill establishes or reauthorizes a program of the Federal Government known to be duplicative of another Federal program, a program that was included in any report from the Government Accountability Office to Congress pursuant to section 21 of Public Law 111-139, or a program related to a program identified in the most recent Catalog of Federal Domestic Assistance.

## DIRECTED RULE MAKING

This bill does not contain any provision that specifically directs the promulgation or completion of a rule.

## FULL COMMITTEE VOTES