[FULL COMMITTEE PRINT]

114th Congress, 2d Session | HOUSE OF REPRESENTATIVES | Report 114–

# DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2017

# COMMITTEE PRINT

of the

## COMMITTEE ON APPROPRIATIONS
## U.S. HOUSE OF REPRESENTATIVES

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REPORT
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114TH CONGRESS, 2d Session | HOUSE OF REPRESENTATIVES | REPORT 114–

# DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2017

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

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 |
|---|---|---|---|---|---|
| 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 |
| 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 | --- |
| Total mandatory and discretionary | 573,288,000 | 576,856,382 | 576,270,000 | +2,982,000 | -586,382 |

## 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 multimission 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 Reconnaisance 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 reprogramming 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 |
|---|---|---|
| **DEPARTMENT OF ARMY** | | |
| 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 |
| **TOTAL, DEPARTMENT OF ARMY** | **945,118** | **1,329,576** |
| **DEPARTMENT OF NAVY** | | |
| 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 |
| **TOTAL, DEPARTMENT OF NAVY** | **950,203** | **1,038,160** |
| **DEPARTMENT OF AIR FORCE** | | |
| 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 |
| **TOTAL, DEPARTMENT OF AIR FORCE** | **1,545,582** | **1,990,531** |
| **DEFENSE-WIDE** | | |
| 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 |
| **TOTAL, DEFENSE-WIDE** | **2,300,837** | **2,375,420** |
| **TOTAL, CYBERSPACE OPERATIONS** | **5,741,740** | **6,733,687** |

# TITLE I

## MILITARY PERSONNEL

The fiscal year 2017 Department of Defense military personnel budget request totals $128,902,332,000. The Committee recommendation provides $128,168,468,000 for the military personnel accounts. The table below summarizes the Committee recommendations:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| RECAPITULATION | | | |
| MILITARY PERSONNEL, ARMY | 40,028,182 | 39,986,962 | -41,220 |
| MILITARY PERSONNEL, NAVY | 27,951,605 | 27,774,605 | -177,000 |
| MILITARY PERSONNEL, MARINE CORPS | 12,813,412 | 12,701,412 | -112,000 |
| MILITARY PERSONNEL, AIR FORCE | 27,944,615 | 27,794,615 | -150,000 |
| RESERVE PERSONNEL, ARMY | 4,561,703 | 4,458,963 | -102,740 |
| RESERVE PERSONNEL, NAVY | 1,924,155 | 1,898,825 | -25,330 |
| RESERVE PERSONNEL, MARINE CORPS | 744,995 | 736,305 | -8,690 |
| RESERVE PERSONNEL, AIR FORCE | 1,742,906 | 1,718,126 | -24,780 |
| NATIONAL GUARD PERSONNEL, ARMY | 7,910,694 | 7,827,440 | -83,254 |
| NATIONAL GUARD PERSONNEL, AIR FORCE | 3,280,065 | 3,271,215 | -8,850 |
| GRAND TOTAL, MILITARY PERSONNEL | 128,902,332 | 128,168,468 | -733,864 |

## MILITARY PERSONNEL OVERVIEW

The Committee recommendation provides $128,168,468,000 for the military personnel accounts, which funds military pay and allowances, recruitment and retention initiatives, and overall quality of life programs for active duty, National Guard, and reserve personnel. The recommendation provides the resources required for an additional 27,000 active forces and 25,000 selected reserve forces above the requested end strength levels in order to meet operational needs for fiscal year 2017. The recommendation also provides increased basic pay for all military personnel by 2.1 percent as authorized by current law, effective January 1, 2017. The Committee continues to encourage constructive evaluations of recruitment and retention programs, bonus and special pay incentives, and personnel benefit programs for fiscal year 2017. The Committee remains supportive of programs intended to enhance the morale and quality of life of military personnel and their families.

## SUMMARY OF END STRENGTH

The fiscal year 2017 budget request includes a decrease of 27,015 in total end strength for the active forces and a decrease of 9,800 in total end strength for the Selected Reserve as compared to the fiscal year 2016 authorized levels. The following tables summarize the Committee recommendations for end strength levels, both in the aggregate and for each active and Selected Reserve component.

### OVERALL ACTIVE END STRENGTH

| | |
|---|---|
| Fiscal year 2016 authorized | 1,308,915 |
| Fiscal year 2017 budget request | 1,281,900 |
| Fiscal year 2017 recommendation | 1,310,615 |
| Compared with fiscal year 2016 | +1,700 |
| Compared with fiscal year 2017 budget request | +28,715 |

### OVERALL SELECTED RESERVE END STRENGTH

| | |
|---|---|
| Fiscal year 2016 authorized | 811,000 |
| Fiscal year 2017 budget request | 801,200 |
| Fiscal year 2017 recommendation | 826,200 |
| Compared with fiscal year 2016 | +15,200 |
| Compared with fiscal year 2017 budget request | +25,000 |

SUMMARY OF MILITARY PERSONNEL END STRENGTH

| | Fiscal year 2016 authorized | Fiscal year 2017 | | | |
|---|---|---|---|---|---|
| | | Budget request | Committee recommended | Change from request | Change from fiscal year 2016 |
| Active Forces (End Strength) | | | | | |
| Army | 475,000 | 460,000 | 480,000 | 20,000 | 5,000 |
| Navy | 329,200 | 322,900 | 324,615 | 1,715 | −4,585 |
| Marine Corps | 184,000 | 182,000 | 185,000 | 3,000 | 1,000 |
| Air Force | 320,715 | 317,000 | 321,000 | 4,000 | 285 |
| Total, Active Forces | 1,308,915 | 1,281,900 | 1,310,615 | 28,715 | 1,700 |
| Guard and Reserve Forces (End Strength) | | | | | |
| Army Reserve | 198,000 | 195,000 | 205,000 | 10,000 | 7,000 |
| Navy Reserve | 57,400 | 58,000 | 58,000 | – – – | 600 |
| Marine Corps Reserve | 38,900 | 38,500 | 38,500 | – – – | −400 |
| Air Force Reserve | 69,200 | 69,000 | 69,000 | – – – | −200 |
| Army National Guard | 342,000 | 335,000 | 350,000 | 15,000 | 8,000 |
| Air National Guard | 105,500 | 105,700 | 105,700 | – – – | 200 |
| Total, Selected Reserve | 811,000 | 801,200 | 826,200 | 25,000 | 15,200 |
| Total, Military Personnel | 2,119,915 | 2,083,100 | 2,136,815 | 53,715 | 16,900 |

FULL-TIME SUPPORT STRENGTHS

There are four categories of full-time support in the National Guard and reserve components: military technicians (dual status), Active Guard and Reserve, non-technician civilians, and active component personnel.

Full-time support personnel organize, recruit, train, maintain, and administer the reserve components. Military technicians (dual status) directly support units and are critical to helping units maintain readiness and meet the wartime missions of the Army and Air Force.

The following table summarizes the National Guard and reserve components full-time support end strengths:

SUMMARY OF GUARD AND RESERVE FULL TIME STRENGTH

| | Fiscal year 2016 authorized | Fiscal year 2017 | | | |
|---|---|---|---|---|---|
| | | Budget request | Committee recommended | Change from request | Change from fiscal year 2016 |
| Army Reserve: | | | | | |
| AGR | 16,261 | 16,261 | 16,261 | – – – | – – – |
| Technicians | 7,395 | 7,570 | 7,570 | – – – | 175 |
| Navy Reserve: | | | | | |
| AR | 9,934 | 9,955 | 9,955 | – – – | 21 |
| Marine Corps Reserve: | | | | | |
| AR | 2,260 | 2,261 | 2,261 | – – – | – – – |
| Air Force Reserve: | | | | | |
| AGR | 3,032 | 2,955 | 2,955 | – – – | –77 |
| Technicians | 9,814 | 10,061 | 10,061 | – – – | 247 |
| Army National Guard: | | | | | |
| AGR | 30,770 | 30,155 | 30,155 | – – – | –615 |
| Technicians | 26,099 | 25,507 | 25,507 | – – – | –592 |
| Air National Guard: | | | | | |
| AGR | 14,748 | 14,764 | 14,764 | – – – | 16 |
| Technicians | 22,104 | 22,103 | 22,103 | – – – | –1 |
| Totals: | | | | | |
| AGR/AR | 77,005 | 76,351 | 76,351 | – – – | –654 |
| Technicians | 65,412 | 65,241 | 65,241 | – – – | –171 |
| Total, Full-Time Support | 142,417 | 141,592 | 141,592 | – – – | –826 |

REPROGRAMMING GUIDANCE FOR MILITARY PERSONNEL 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' military personnel accounts between budget activities in excess of $10,000,000.

MILITARY PERSONNEL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or have been specifically reduced as shown in the project level tables or in paragraphs using the phrase "only for" or "only to" in 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.

ALTERNATIVE LEARNING FOR MILITARY DEPENDENTS

The Committee recognizes that the educational needs of military children are often taxing to both military and civilian school systems. In order to address this issue and capitalize on emerging technology, the Committee directs the Secretary of Defense to es-

tablish a three year pilot program to assess a virtual school option for military dependent children. 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, and quarterly reports thereafter, on the progress of the pilot program.

MATERNITY CARE

The Committee commends the Secretary of Defense for making maternity care for female servicemembers a priority by adopting a Department of Defense-wide twelve week maternity leave policy. The Committee directs the Secretary of Defense to conduct an analysis of how this policy affects readiness and retention across the Services and to submit a report containing its findings to the congressional defense committees not later than 90 days after the enactment of this Act.

SUICIDE PREVENTION

The Committee remains concerned by the high rate of suicides among servicemembers. The Committee recognizes the successes of organizations outside of the federal government to address and prevent servicemember suicides. These organizations understand military culture and work with combat-wounded and other at-risk servicemembers to build resiliency, increase normal day-to-day performances, and increase health and fitness levels, all of which may reduce suicides. The Committee encourages the Secretary of Defense to develop policies for finding, qualifying, and interacting with suicide prevention organizations outside of the federal government to assist in reducing suicides.

The Committee is also concerned that the Department of Defense does not have a 24-hour suicide hotline. Therefore, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act on efforts to establish a 24-hour hotline.

MINORITY OUTREACH AND OFFICER ACCESSIONS

Minorities remain underrepresented in the general officer ranks across the Services. To build a more diverse military, the Committee supports efforts to conduct outreach and recruiting programs focused on increasing officer accessions from minority communities and encourages the Secretary of Defense and the Service Secretaries to support such efforts with both personnel and resources.

CULTURAL SENSITIVITY TRAINING

The Committee recognizes that the Department of Defense and the Services have multiple cultural sensitivity training programs for military personnel. The Committee also believes in the importance of protecting servicemembers' rights regarding religious exercise and ethnic heritage. As such, the Committee supports efforts to identify resource and personnel gaps that may exist in the Office of Diversity Management and Equal Opportunity of the Depart-

ment of Defense as well as efforts to identify existing gaps in protections for new and prospective servicemembers.

FOREIGN LANGUAGE TRAINING

The Committee recognizes the important role of the Defense Language Institute (DLI) in providing foreign language training and interpretation to the military and Intelligence Community and supports efforts to ensure that the DLI can continue to effectively conduct its primary mission of training career or professional linguists. The Committee urges the Secretary of Defense to ensure that any deficiencies in the requirements generation process for combatant commands' foreign language operational needs is fully addressed by developing a comprehensive process for identifying emerging and future capability requirements and by fully resourcing the DLI. Furthermore, the Committee encourages the Secretary of Defense to make valuable language skill training available to more servicemembers, including non-commissioned officers, from all Services.

## MILITARY PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2016 appropriation | $41,045,562,000 |
| Fiscal year 2017 budget request | 40,028,182,000 |
| Committee recommendation | 39,986,962,000 |
| Change from budget request | −41,220,000 |

The Committee recommends an appropriation of $39,986,962,000 for Military Personnel, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 50 MILITARY PERSONNEL, ARMY | | | |
| 100 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 150 BASIC PAY | 6,846,876 | 6,846,876 | --- |
| 200 RETIRED PAY ACCRUAL | 2,015,554 | 2,015,554 | --- |
| 250 BASIC ALLOWANCE FOR HOUSING | 2,241,563 | 2,241,563 | --- |
| 300 BASIC ALLOWANCE FOR SUBSISTENCE | 285,488 | 285,488 | --- |
| 350 INCENTIVE PAYS | 85,542 | 85,542 | --- |
| 400 SPECIAL PAYS | 367,175 | 367,175 | --- |
| 450 ALLOWANCES | 212,392 | 212,392 | --- |
| 500 SEPARATION PAY | 201,125 | 197,125 | -4,000 |
| 550 SOCIAL SECURITY TAX | 521,218 | 521,218 | --- |
| 600 TOTAL, BUDGET ACTIVITY 1 | 12,776,933 | 12,772,933 | -4,000 |
| 650 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 700 BASIC PAY | 12,429,886 | 12,429,886 | --- |
| 750 RETIRED PAY ACCRUAL | 3,663,328 | 3,663,328 | --- |
| 800 BASIC ALLOWANCE FOR HOUSING | 4,701,364 | 4,701,364 | --- |
| 850 INCENTIVE PAYS | 90,342 | 90,342 | --- |
| 900 SPECIAL PAYS | 395,840 | 395,840 | --- |
| 950 ALLOWANCES | 707,120 | 707,120 | --- |
| 1000 SEPARATION PAY | 523,385 | 523,385 | --- |
| 1050 SOCIAL SECURITY TAX | 950,887 | 950,887 | --- |
| 1100 TOTAL, BUDGET ACTIVITY 2 | 23,462,152 | 23,462,152 | --- |
| 1150 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS | | | |
| 1200 ACADEMY CADETS | 81,184 | 81,184 | --- |
| 1250 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 1300 BASIC ALLOWANCE FOR SUBSISTENCE | 1,240,112 | 1,240,112 | --- |
| 1350 SUBSISTENCE-IN-KIND | 594,481 | 594,481 | --- |
| 1400 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 813 | 813 | --- |
| 1450 TOTAL, BUDGET ACTIVITY 4 | 1,835,406 | 1,835,406 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 1500 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 1550 ACCESSION TRAVEL | 155,211 | 155,211 | --- |
| 1600 TRAINING TRAVEL | 149,240 | 149,240 | --- |
| 1650 OPERATIONAL TRAVEL | 428,891 | 428,891 | --- |
| 1700 ROTATIONAL TRAVEL | 710,007 | 710,007 | --- |
| 1750 SEPARATION TRAVEL | 302,576 | 302,576 | --- |
| 1800 TRAVEL OF ORGANIZED UNITS | 4,033 | 4,033 | --- |
| 1850 NON-TEMPORARY STORAGE | 14,073 | 14,073 | --- |
| 1900 TEMPORARY LODGING EXPENSE | 47,766 | 47,766 | --- |
| 1950 TOTAL, BUDGET ACTIVITY 5 | 1,811,797 | 1,811,797 | --- |
| 2000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 2050 APPREHENSION OF MILITARY DESERTERS | 621 | 621 | --- |
| 2100 INTEREST ON UNIFORMED SERVICES SAVINGS | 132 | 132 | --- |
| 2150 DEATH GRATUITIES | 38,000 | 38,000 | --- |
| 2200 UNEMPLOYMENT BENEFITS | 168,656 | 168,656 | --- |
| 2250 EDUCATION BENEFITS | 634 | 634 | --- |
| 2300 ADOPTION EXPENSES | 576 | 576 | --- |
| 2350 TRANSPORTATION SUBSIDY | 11,284 | 11,284 | --- |
| 2400 PARTIAL DISLOCATION ALLOWANCE | 251 | 251 | --- |
| 2410 SGLI EXTRA HAZARD PAYMENTS | 97,362 | 97,362 | --- |
| 2450 RESERVE OFFICERS TRAINING CORPS (ROTC) | 27,522 | 27,522 | --- |
| 2550 TOTAL, BUDGET ACTIVITY 6 | 345,038 | 345,038 | --- |
| 2600 LESS REIMBURSABLES | -284,328 | -284,328 | --- |
| 2650 UNDISTRIBUTED ADJUSTMENT | --- | -37,220 | -37,220 |
| 2700 TOTAL, ACTIVE FORCES, ARMY | 40,028,182 | 39,986,962 | -41,220 |
| 6300 TOTAL, MILITARY PERSONNEL, ARMY | 40,028,182 | 39,986,962 | -41,220 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| BA-1: PAY AND ALLOWANCES OF OFFICERS | | | |
| **SEPARATION PAY** | **201,125** | **197,125** | **-4,000** |
| Unjustified growth | | -4,000 | |
| **UNDISTRIBUTED ADJUSTMENT** | | **-37,220** | **-37,220** |
| Unobligated/Unexpended balances | | -37,220 | |

## MILITARY PERSONNEL, NAVY

| | |
|---|---|
| Fiscal year 2016 appropriation | $27,835,183,000 |
| Fiscal year 2017 budget request | 27,951,605,000 |
| Committee recommendation | 27,774,605,000 |
| Change from budget request | −177,000,000 |

The Committee recommends an appropriation of $27,774,605,000 for Military Personnel, Navy which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 6400 MILITARY PERSONNEL, NAVY | | | |
| 6450 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 6500 BASIC PAY | 4,120,767 | 4,120,767 | --- |
| 6550 RETIRED PAY ACCRUAL | 1,214,093 | 1,214,093 | --- |
| 6600 BASIC ALLOWANCE FOR HOUSING | 1,497,045 | 1,497,045 | --- |
| 6650 BASIC ALLOWANCE FOR SUBSISTENCE | 170,255 | 170,255 | --- |
| 6700 INCENTIVE PAYS | 132,868 | 132,868 | --- |
| 6750 SPECIAL PAYS | 428,731 | 426,731 | -2,000 |
| 6800 ALLOWANCES | 118,231 | 118,231 | --- |
| 6850 SEPARATION PAY | 47,200 | 47,200 | --- |
| 6900 SOCIAL SECURITY TAX | 313,964 | 313,964 | --- |
| 6950 TOTAL, BUDGET ACTIVITY 1 | 8,043,154 | 8,041,154 | -2,000 |
| 7000 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 7050 BASIC PAY | 8,940,145 | 8,940,145 | --- |
| 7100 RETIRED PAY ACCRUAL | 2,636,817 | 2,636,817 | --- |
| 7150 BASIC ALLOWANCE FOR HOUSING | 4,254,377 | 4,254,377 | --- |
| 7200 INCENTIVE PAYS | 103,685 | 103,685 | --- |
| 7250 SPECIAL PAYS | 752,380 | 752,380 | --- |
| 7300 ALLOWANCES | 544,072 | 544,072 | --- |
| 7350 SEPARATION PAY | 161,985 | 161,985 | --- |
| 7400 SOCIAL SECURITY TAX | 683,920 | 683,920 | --- |
| 7450 TOTAL, BUDGET ACTIVITY 2 | 18,077,381 | 18,077,381 | --- |
| 7500 ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN | | | |
| 7550 MIDSHIPMEN | 81,580 | 81,580 | --- |
| 7600 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 7650 BASIC ALLOWANCE FOR SUBSISTENCE | 804,972 | 804,972 | --- |
| 7700 SUBSISTENCE-IN-KIND | 378,674 | 378,674 | --- |
| 7750 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 10 | 10 | --- |
| 7800 TOTAL, BUDGET ACTIVITY 4 | 1,183,656 | 1,183,656 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 7850 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 7900 ACCESSION TRAVEL | 84,530 | 84,530 | --- |
| 7950 TRAINING TRAVEL | 66,298 | 66,298 | --- |
| 8000 OPERATIONAL TRAVEL | 184,700 | 184,700 | --- |
| 8050 ROTATIONAL TRAVEL | 228,489 | 228,489 | --- |
| 8100 SEPARATION TRAVEL | 123,633 | 123,633 | --- |
| 8150 TRAVEL OF ORGANIZED UNITS | 24,746 | 24,746 | --- |
| 8200 NON-TEMPORARY STORAGE | 12,686 | 12,686 | --- |
| 8250 TEMPORARY LODGING EXPENSE | 16,225 | 16,225 | --- |
| 8350 TOTAL, BUDGET ACTIVITY 5 | 741,307 | 741,307 | --- |
| 8400 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 8450 APPREHENSION OF MILITARY DESERTERS | 71 | 71 | --- |
| 8500 INTEREST ON UNIFORMED SERVICES SAVINGS | 1,060 | 1,060 | --- |
| 8550 DEATH GRATUITIES | 13,500 | 13,500 | --- |
| 8600 UNEMPLOYMENT BENEFITS | 78,956 | 78,956 | --- |
| 8650 EDUCATION BENEFITS | 16,505 | 16,505 | --- |
| 8700 ADOPTION EXPENSES | 250 | 250 | --- |
| 8750 TRANSPORTATION SUBSIDY | 8,434 | 8,434 | --- |
| 8800 PARTIAL DISLOCATION ALLOWANCE | 30 | 30 | --- |
| 8900 RESERVE OFFICERS TRAINING CORPS (ROTC) | 20,234 | 20,234 | --- |
| 8950 JUNIOR ROTC | 14,990 | 14,990 | --- |
| 9000 TOTAL, BUDGET ACTIVITY 6 | 154,030 | 154,030 | --- |
| 9050 LESS REIMBURSABLES | -329,503 | -329,503 | --- |
| 9100 UNDISTRIBUTED ADJUSTMENT | --- | -175,000 | -175,000 |
| 9200 TOTAL, ACTIVE FORCES, NAVY | 27,951,605 | 27,774,605 | -177,000 |
| 11000 TOTAL, MILITARY PERSONNEL, NAVY | 27,951,605 | 27,774,605 | -177,000 |

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

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **BA-1: PAY AND ALLOWANCES OF OFFICERS** | | | |
| **SPECIAL PAYS** | **428,731** | **426,731** | **-2,000** |
| Unjustified growth | | -2,000 | |
| **UNDISTRIBUTED ADJUSTMENT** | | **-175,000** | **-175,000** |
| Unobligated/Unexpended balances | | -175,000 | |

## MILITARY PERSONNEL, MARINE CORPS

| | |
|---|---|
| Fiscal year 2016 appropriation | $12,859,152,000 |
| Fiscal year 2017 budget request | 12,813,412,000 |
| Committee recommendation | 12,701,412,000 |
| Change from budget request | −112,000,000 |

The Committee recommends an appropriation of $12,701,412,000 for Military Personnel, Marine Corps which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 12000 MILITARY PERSONNEL, MARINE CORPS | | | |
| 12050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 12100 BASIC PAY | 1,543,145 | 1,543,145 | --- |
| 12150 RETIRED PAY ACCRUAL | 454,866 | 454,866 | --- |
| 12200 BASIC ALLOWANCE FOR HOUSING | 511,997 | 511,997 | --- |
| 12250 BASIC ALLOWANCE FOR SUBSISTENCE | 65,927 | 65,927 | --- |
| 12300 INCENTIVE PAYS | 31,661 | 31,661 | --- |
| 12350 SPECIAL PAYS | 3,582 | 3,582 | --- |
| 12400 ALLOWANCES | 35,359 | 35,359 | --- |
| 12450 SEPARATION PAY | 13,077 | 13,077 | --- |
| 12500 SOCIAL SECURITY TAX | 117,478 | 117,478 | --- |
| 12550 TOTAL, BUDGET ACTIVITY 1 | 2,777,092 | 2,777,092 | --- |
| 12600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 12650 BASIC PAY | 4,840,416 | 4,840,416 | --- |
| 12700 RETIRED PAY ACCRUAL | 1,425,856 | 1,425,856 | --- |
| 12750 BASIC ALLOWANCE FOR HOUSING | 1,557,367 | 1,557,367 | --- |
| 12800 INCENTIVE PAYS | 9,137 | 9,137 | --- |
| 12850 SPECIAL PAYS | 116,757 | 116,757 | --- |
| 12900 ALLOWANCES | 289,349 | 289,349 | --- |
| 12950 SEPARATION PAY | 97,926 | 97,926 | --- |
| 13000 SOCIAL SECURITY TAX | 369,924 | 369,924 | --- |
| 13050 TOTAL, BUDGET ACTIVITY 2 | 8,706,732 | 8,706,732 | --- |
| 13100 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 13150 BASIC ALLOWANCE FOR SUBSISTENCE | 440,800 | 440,800 | --- |
| 13200 SUBSISTENCE-IN-KIND | 386,455 | 386,455 | --- |
| 13250 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 10 | 10 | --- |
| 13300 TOTAL, BUDGET ACTIVITY 4 | 827,265 | 827,265 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 13350 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 13400 ACCESSION TRAVEL | 64,291 | 64,291 | --- |
| 13450 TRAINING TRAVEL | 7,185 | 7,185 | --- |
| 13500 OPERATIONAL TRAVEL | 130,620 | 130,620 | --- |
| 13550 ROTATIONAL TRAVEL | 107,630 | 107,630 | --- |
| 13600 SEPARATION TRAVEL | 109,224 | 109,224 | --- |
| 13650 TRAVEL OF ORGANIZED UNITS | 380 | 380 | --- |
| 13700 NON-TEMPORARY STORAGE | 7,942 | 7,942 | --- |
| 13750 TEMPORARY LODGING EXPENSE | 5,473 | 5,473 | --- |
| 13850 TOTAL, BUDGET ACTIVITY 5 | 432,745 | 432,745 | --- |
| 13900 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 13950 APPREHENSION OF MILITARY DESERTERS | 395 | 395 | --- |
| 14000 INTEREST ON UNIFORMED SERVICES SAVINGS | 19 | 19 | --- |
| 14050 DEATH GRATUITIES | 12,900 | 12,900 | --- |
| 14100 UNEMPLOYMENT BENEFITS | 77,928 | 77,928 | --- |
| 14150 EDUCATION BENEFITS | 7,125 | 7,125 | --- |
| 14200 ADOPTION EXPENSES | 116 | 116 | --- |
| 14250 TRANSPORTATION SUBSIDY | 2,122 | 2,122 | --- |
| 14300 PARTIAL DISLOCATION ALLOWANCE | 101 | 101 | --- |
| 14350 SGLI EXTRA HAZARD PAYMENTS | 3,589 | 3,589 | --- |
| 14450 TOTAL, BUDGET ACTIVITY 6 | 104,295 | 104,295 | --- |
| 14500 LESS REIMBURSABLES | -34,717 | -34,717 | --- |
| 14600 UNDISTRIBUTED ADJUSTMENT | --- | -112,000 | -112,000 |
| 14650 TOTAL, ACTIVE FORCES, MARINE CORPS | 12,813,412 | 12,701,412 | -112,000 |
| 16000 TOTAL, MILITARY PERSONNEL, MARINE CORPS | 12,813,412 | 12,701,412 | -112,000 |

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

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **UNDISTRIBUTED ADJUSTMENT** | | **-112,000** | **-112,000** |
| Unobligated/Unexpended balances | | -112,000 | |

## MILITARY PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2016 appropriation | $27,679,066,000 |
| Fiscal year 2017 budget request | 27,944,615,000 |
| Committee recommendation | 27,794,615,000 |
| Change from budget request | −150,000,000 |

The Committee recommends an appropriation of $27,794,615,000 for Military Personnel, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 17000 MILITARY PERSONNEL, AIR FORCE | | | |
| 17050 ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS | | | |
| 17100 BASIC PAY | 4,886,786 | 4,886,786 | --- |
| 17150 RETIRED PAY ACCRUAL | 1,433,571 | 1,433,571 | --- |
| 17200 BASIC ALLOWANCE FOR HOUSING | 1,507,570 | 1,507,570 | --- |
| 17250 BASIC ALLOWANCE FOR SUBSISTENCE | 199,210 | 199,210 | --- |
| 17300 INCENTIVE PAYS | 230,325 | 230,325 | --- |
| 17350 SPECIAL PAYS | 303,925 | 303,925 | --- |
| 17400 ALLOWANCES | 110,509 | 110,509 | --- |
| 17450 SEPARATION PAY | 54,540 | 54,540 | --- |
| 17500 SOCIAL SECURITY TAX | 373,187 | 373,187 | --- |
| 17550 TOTAL, BUDGET ACTIVITY 1 | 9,099,623 | 9,099,623 | --- |
| 17600 ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL | | | |
| 17650 BASIC PAY | 8,811,898 | 8,811,898 | --- |
| 17700 RETIRED PAY ACCRUAL | 2,591,637 | 2,591,637 | --- |
| 17750 BASIC ALLOWANCE FOR HOUSING | 3,674,509 | 3,674,509 | --- |
| 17800 INCENTIVE PAYS | 35,601 | 35,601 | --- |
| 17850 SPECIAL PAYS | 357,581 | 357,581 | --- |
| 17900 ALLOWANCES | 503,008 | 503,008 | --- |
| 17950 SEPARATION PAY | 109,908 | 109,908 | --- |
| 18000 SOCIAL SECURITY TAX | 674,109 | 674,109 | --- |
| 18050 TOTAL, BUDGET ACTIVITY 2 | 16,758,251 | 16,758,251 | --- |
| 18100 ACTIVITY 3: PAY AND ALLOWANCES OF CADETS | | | |
| 18150 ACADEMY CADETS | 72,144 | 72,144 | --- |
| 18200 ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL | | | |
| 18250 BASIC ALLOWANCE FOR SUBSISTENCE | 1,007,662 | 1,007,662 | --- |
| 18300 SUBSISTENCE-IN-KIND | 131,986 | 131,986 | --- |
| 18350 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE | 8 | 8 | --- |
| 18400 TOTAL, BUDGET ACTIVITY 4 | 1,139,656 | 1,139,656 | --- |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 18450 ACTIVITY 5: PERMANENT CHANGE OF STATION | | | |
| 18500 ACCESSION TRAVEL | 90,791 | 90,791 | --- |
| 18550 TRAINING TRAVEL | 71,207 | 71,207 | --- |
| 18600 OPERATIONAL TRAVEL | 265,682 | 265,682 | --- |
| 18650 ROTATIONAL TRAVEL | 567,998 | 567,998 | --- |
| 18700 SEPARATION TRAVEL | 147,938 | 147,938 | --- |
| 18750 TRAVEL OF ORGANIZED UNITS | 9,204 | 9,204 | --- |
| 18800 NON-TEMPORARY STORAGE | 23,664 | 23,664 | --- |
| 18850 TEMPORARY LODGING EXPENSE | 34,701 | 34,701 | --- |
| 18950 TOTAL, BUDGET ACTIVITY 5 | 1,211,185 | 1,211,185 | --- |
| 19000 ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS | | | |
| 19050 APPREHENSION OF MILITARY DESERTERS | 16 | 16 | --- |
| 19100 INTEREST ON UNIFORMED SERVICES SAVINGS | 2,691 | 2,691 | --- |
| 19150 DEATH GRATUITIES | 16,000 | 16,000 | --- |
| 19200 UNEMPLOYMENT BENEFITS | 53,431 | 53,431 | --- |
| 19300 EDUCATION BENEFITS | 79 | 79 | --- |
| 19350 ADOPTION EXPENSES | 435 | 435 | --- |
| 19400 TRANSPORTATION SUBSIDY | 4,841 | 4,841 | --- |
| 19450 PARTIAL DISLOCATION ALLOWANCE | 723 | 723 | --- |
| 19550 RESERVE OFFICERS TRAINING CORPS (ROTC) | 29,445 | 29,445 | --- |
| 19600 JUNIOR ROTC | 18,200 | 18,200 | --- |
| 19650 TOTAL, BUDGET ACTIVITY 6 | 125,861 | 125,861 | --- |
| 19700 LESS REIMBURSABLES | -462,105 | -462,105 | --- |
| 19750 UNDISTRIBUTED ADJUSTMENT | --- | -150,000 | -150,000 |
| 19800 TOTAL, ACTIVE FORCES, AIR FORCE | 27,944,615 | 27,794,615 | -150,000 |
| 21000 TOTAL, MILITARY PERSONNEL, AIR FORCE | 27,944,615 | 27,794,615 | -150,000 |

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

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **UNDISTRIBUTED ADJUSTMENT** | | **-150,000** | **-150,000** |
| Unobligated/Unexpended balances | | -150,000 | |

## RESERVE PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2016 appropriation | $4,463,164,000 |
| Fiscal year 2017 budget request | 4,561,703,000 |
| Committee recommendation | 4,458,963,000 |
| Change from budget request | −102,740,000 |

The Committee recommends an appropriation of $4,458,963,000 for Reserve Personnel, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 23000 RESERVE PERSONNEL, ARMY | | | |
| 23050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 23100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 1,549,028 | 1,540,528 | -8,500 |
| 23150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 41,018 | 41,018 | --- |
| 23200 PAY GROUP F TRAINING (RECRUITS)..... | 216,524 | 216,524 | --- |
| 23250 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 11,514 | 11,514 | --- |
| 23300 MOBILIZATION TRAINING ..... | 326 | 326 | --- |
| 23350 SCHOOL TRAINING..... | 224,758 | 220,458 | -4,300 |
| 23400 SPECIAL TRAINING..... | 281,611 | 281,611 | --- |
| 23450 ADMINISTRATION AND SUPPORT..... | 2,120,835 | 2,120,835 | --- |
| 23500 EDUCATION BENEFITS..... | 4,124 | 4,124 | --- |
| 23550 HEALTH PROFESSION SCHOLARSHIP ..... | 59,937 | 59,937 | --- |
| 23600 OTHER PROGRAMS ..... | 52,028 | 52,028 | --- |
| 23650 TOTAL, BUDGET ACTIVITY 1..... | 4,561,703 | 4,548,903 | -12,800 |
| 23800 UNDISTRIBUTED ADJUSTMENT..... | --- | -89,940 | -89,940 |
| 24000 TOTAL RESERVE PERSONNEL, ARMY..... | 4,561,703 | 4,458,963 | -102,740 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **BA-1: RESERVE COMPONENT TRAINING AND SUPPORT** | | | |
| **PAY GROUP A TRAINING** | **1,549,028** | **1,540,528** | **-8,500** |
| Unjustified increase | | -8,500 | |
| **SCHOOL TRAINING** | **224,758** | **220,458** | **-4,300** |
| Unjustified increase | | -4,300 | |
| **UNDISTRIBUTED ADJUSTMENT** | | **-89,940** | **-89,940** |
| Unobligated/Unexpended balances | | -89,940 | |

## RESERVE PERSONNEL, NAVY

| | |
|---|---|
| Fiscal year 2016 appropriation | $1,866,891,000 |
| Fiscal year 2017 budget request | 1,924,155,000 |
| Committee recommendation | 1,898,825,000 |
| Change from budget request | −25,330,000 |

The Committee recommends an appropriation of $1,898,825,000 for Reserve Personnel, Navy which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 26000 RESERVE PERSONNEL, NAVY | | | |
| 26050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 26100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 625,660 | 625,660 | --- |
| 26150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 7,369 | 7,369 | --- |
| 26200 PAY GROUP F TRAINING (RECRUITS)..... | 62,904 | 61,654 | -1,250 |
| 26250 MOBILIZATION TRAINING..... | 8,732 | 8,732 | --- |
| 26300 SCHOOL TRAINING..... | 50,441 | 50,441 | --- |
| 26350 SPECIAL TRAINING..... | 112,504 | 112,504 | --- |
| 26400 ADMINISTRATION AND SUPPORT..... | 1,004,041 | 1,003,041 | -1,000 |
| 26450 EDUCATION BENEFITS..... | 105 | 105 | --- |
| 26500 HEALTH PROFESSION SCHOLARSHIP..... | 52,399 | 52,399 | --- |
| 26550 TOTAL, BUDGET ACTIVITY 1..... | 1,924,155 | 1,921,905 | -2,250 |
| 26600 UNDISTRIBUTED ADJUSTMENT..... | --- | -23,080 | -23,080 |
| 27000 TOTAL, RESERVE PERSONNEL, NAVY..... | 1,924,155 | 1,898,825 | -25,330 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **BA-1: RESERVE COMPONENT TRAINING AND SUPPORT** | | | |
| **PAY GROUP F TRAINING** | **62,904** | **61,654** | **-1,250** |
| Unjustified increase | | -1,250 | |
| **ADMINISTRATION AND SUPPORT** | **1,004,041** | **1,003,041** | **-1,000** |
| Unjustified increase | | -1,000 | |
| **UNDISTRIBUTED ADJUSTMENT** | | **-23,080** | **-23,080** |
| Unobligated/Unexpended balances | | -23,080 | |

## RESERVE PERSONNEL, MARINE CORPS

| | |
|---|---|
| Fiscal year 2016 appropriation | $702,481,000 |
| Fiscal year 2017 budget request | 744,995,000 |
| Committee recommendation | 736,305,000 |
| Change from budget request | −8,690,000 |

The Committee recommends an appropriation of $736,305,000 for Reserve Personnel, Marine Corps which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 28000 RESERVE PERSONNEL, MARINE CORPS | | | |
| 28050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 28100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 274,555 | 274,555 | --- |
| 28150 PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY)..... | 43,539 | 43,539 | --- |
| 28200 PAY GROUP F TRAINING (RECRUITS)..... | 124,902 | 124,902 | --- |
| 28300 MOBILIZATION TRAINING..... | 2,096 | 2,096 | --- |
| 28350 SCHOOL TRAINING..... | 24,607 | 24,607 | --- |
| 28400 SPECIAL TRAINING..... | 29,000 | 29,000 | --- |
| 28450 ADMINISTRATION AND SUPPORT..... | 237,484 | 237,484 | --- |
| 28500 PLATOON LEADER CLASS..... | 8,124 | 8,124 | --- |
| 28550 EDUCATION BENEFITS..... | 688 | 688 | --- |
| 28600 TOTAL, BUDGET ACTIVITY 1..... | 744,995 | 744,995 | --- |
| 28700 UNDISTRIBUTED ADJUSTMENT..... | --- | -8,690 | -8,690 |
| 29000 TOTAL, RESERVE PERSONNEL, MARINE CORPS..... | 744,995 | 736,305 | -8,690 |

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

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **UNDISTRIBUTED ADJUSTMENTS** | | **-8,690** | **-8,690** |
| Unobligated/Unexpended balances | | -6,690 | |
| Unjustified increase in training | | -2,000 | |

## RESERVE PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2016 appropriation | $1,682,942,000 |
| Fiscal year 2017 budget request | 1,742,906,000 |
| Committee recommendation | 1,718,126,000 |
| Change from budget request | −24,780,000 |

The Committee recommends an appropriation of $1,718,126,000 for Reserve Personnel, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 30000 RESERVE PERSONNEL, AIR FORCE | | | |
| 30050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 30100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 696,068 | 696,068 | --- |
| 30150 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)..... | 98,133 | 98,133 | --- |
| 30200 PAY GROUP F TRAINING (RECRUITS)..... | 55,568 | 55,568 | --- |
| 30250 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 2,559 | 2,559 | --- |
| 30300 MOBILIZATION TRAINING..... | 703 | 703 | --- |
| 30350 SCHOOL TRAINING..... | 159,593 | 159,593 | --- |
| 30400 SPECIAL TRAINING..... | 244,844 | 244,844 | --- |
| 30450 ADMINISTRATION AND SUPPORT..... | 409,615 | 409,615 | --- |
| 30500 EDUCATION BENEFITS..... | 12,533 | 12,533 | --- |
| 30550 HEALTH PROFESSION SCHOLARSHIP..... | 60,301 | 60,301 | --- |
| 30600 OTHER PROGRAMS (ADMIN & SUPPORT)..... | 2,989 | 2,989 | --- |
| 30650 TOTAL, BUDGET ACTIVITY 1..... | 1,742,906 | 1,742,906 | --- |
| 30750 UNDISTRIBUTED ADJUSTMENT..... | --- | -24,780 | -24,780 |
| 31000 TOTAL, RESERVE PERSONNEL, AIR FORCE..... | 1,742,906 | 1,718,126 | -24,780 |

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

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **UNDISTRIBUTED ADJUSTMENTS** | | **-24,780** | **-24,780** |
| Unobligated/Unexpended balances | | -21,780 | |
| Unjustified increase in training | | -3,000 | |

## NATIONAL GUARD PERSONNEL, ARMY

| | |
|---|---|
| Fiscal year 2016 appropriation | $7,892,327,000 |
| Fiscal year 2017 budget request | 7,910,694,000 |
| Committee recommendation | 7,827,440,000 |
| Change from budget request | −83,254,000 |

The Committee recommends an appropriation of $7,827,440,000 for National Guard Personnel, Army which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 32000 NATIONAL GUARD PERSONNEL, ARMY | | | |
| 32050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 32100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 2,561,418 | 2,561,418 | --- |
| 32150 PAY GROUP F TRAINING (RECRUITS)..... | 551,868 | 551,868 | --- |
| 32200 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 46,202 | 46,202 | --- |
| 32250 SCHOOL TRAINING..... | 546,563 | 536,563 | -10,000 |
| 32300 SPECIAL TRAINING..... | 570,009 | 590,635 | +20,626 |
| 32350 ADMINISTRATION AND SUPPORT..... | 3,632,138 | 3,632,138 | --- |
| 32400 EDUCATION BENEFITS..... | 2,496 | 2,496 | --- |
| 32450 TOTAL, BUDGET ACTIVITY 1..... | 7,910,694 | 7,921,320 | +10,626 |
| 32600 UNDISTRIBUTED ADJUSTMENT..... | --- | -93,880 | -93,880 |
| 33000 TOTAL, NATIONAL GUARD PERSONNEL, ARMY..... | 7,910,694 | 7,827,440 | -83,254 |

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

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **BA-1: RESERVE COMPONENT TRAINING AND SUPPORT** | | | |
| **SCHOOL TRAINING** | **546,563** | **536,563** | **-10,000** |
| Unjustified increase | | -10,000 | |
| **SPECIAL TRAINING** | **570,009** | **590,635** | **20,626** |
| Program increase - State Partnership Program | | 3,750 | |
| Cyber Protection Teams | | 6,876 | |
| Operation Phalanx | | 10,000 | |
| **UNDISTRIBUTED ADJUSTMENTS** | | **-93,880** | **-93,880** |
| Unobligated/Unexpended balances | | -110,000 | |
| Maintain four Apache battalions | | 16,120 | |

## NATIONAL GUARD PERSONNEL, AIR FORCE

| | |
|---|---|
| Fiscal year 2016 appropriation | $3,201,890,000 |
| Fiscal year 2017 budget request | 3,280,065,000 |
| Committee recommendation | 3,271,215,000 |
| Change from budget request | −8,850,000 |

The Committee recommends an appropriation of $3,271,215,000 for National Guard Personnel, Air Force which will provide the following program in fiscal year 2017:

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|
| 34000 NATIONAL GUARD PERSONNEL, AIR FORCE | | | |
| 34050 ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT | | | |
| 34100 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)..... | 934,650 | 934,650 | --- |
| 34150 PAY GROUP F TRAINING (RECRUITS)..... | 131,022 | 131,022 | --- |
| 34200 PAY GROUP P TRAINING (PIPELINE RECRUITS)..... | 10,555 | 10,555 | --- |
| 34250 SCHOOL TRAINING..... | 349,904 | 349,904 | --- |
| 34300 SPECIAL TRAINING..... | 167,077 | 168,227 | +1,150 |
| 34350 ADMINISTRATION AND SUPPORT..... | 1,678,355 | 1,678,355 | --- |
| 34400 EDUCATION BENEFITS..... | 8,502 | 8,502 | --- |
| 34450 TOTAL, BUDGET ACTIVITY 1..... | 3,280,065 | 3,281,215 | +1,150 |
| 34700 UNDISTRIBUTED ADJUSTMENT..... | --- | -10,000 | -10,000 |
| 35000 TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE..... | 3,280,065 | 3,271,215 | -8,850 |

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

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **BA-1: RESERVE COMPONENT TRAINING AND SUPPORT** | | | |
| **SPECIAL TRAINING** | **167,077** | **168,227** | **1,150** |
| Program increase - State Partnership Program | | 1,150 | |
| **UNDISTRIBUTED ADJUSTMENT** | | **-10,000** | **-10,000** |
| Unobligated/Unexpended balances | | -10,000 | |

# 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 |
|---|---|---|---|
| RECAPITULATION | | | |
| OPERATION & MAINTENANCE, ARMY | 33,809,040 | 34,436,295 | +627,255 |
| 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 |

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 | 441,256 | -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 | | | |
| | ACCESSION TRAINING | | | |
| 210 | OFFICER ACQUISITION | 131,942 | 131,942 | --- |
| 220 | RECRUIT TRAINING | 47,846 | 47,846 | --- |
| 230 | ONE STATION UNIT TRAINING | 45,419 | 45,419 | --- |
| 240 | SENIOR RESERVE OFFICERS TRAINING CORPS | 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 | 4,602,391 | -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 | 791,450 | 786,026 | -5,424 |
| | Unjustified program growth | | -5,424 | |
| 113 | ECHELONS ABOVE BRIGADE | 438,823 | 436,313 | -2,510 |
| | Unjustified program growth | | -2,510 | |
| 116 | AVIATION ASSETS | 1,360,597 | 1,357,686 | -2,911 |
| | Unjustified program growth | | -2,911 | |
| 121 | FORCE READINESS OPERATIONS SUPPORT | 3,086,443 | 3,079,851 | -6,592 |
| | Unjustified program growth | | -6,592 | |
| 122 | LAND FORCES SYSTEMS READINESS | 439,488 | 534,588 | 95,100 |
| | Program increase | | 95,100 | |
| 123 | LAND FORCES DEPOT MAINTENANCE | 1,013,452 | 1,018,452 | 5,000 |
| | Program increase | | 5,000 | |
| 132 | FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION | 2,234,546 | 2,259,546 | 25,000 |
| | Program increase | | 25,000 | |
| 133 | MANAGEMENT AND OPERATIONAL HEADQUARTERS | 452,105 | 441,256 | -10,850 |
| | Unjustified program growth | | -10,850 | |
| 212 | ARMY PREPOSITIONED STOCKS | 390,848 | 415,848 | 25,000 |
| | Program increase | | 25,000 | |
| 321 | SPECIALIZED SKILL TRAINING | 921,025 | 927,525 | 6,500 |
| | Program increase - language capabilities | | 6,500 | |
| 323 | PROFESSIONAL DEVELOPMENT EDUCATION | 216,583 | 214,583 | -2,000 |
| | Unjustified program growth | | -2,000 | |
| 331 | RECRUITING AND ADVERTISING | 550,599 | 525,599 | -25,000 |
| | Unjustified program growth | | -25,000 | |
| 334 | CIVILIAN EDUCATION AND TRAINING | 182,835 | 168,365 | -14,470 |
| | Unjustified program growth | | -14,470 | |
| 411 | SECURITY PROGRAMS | 1,151,023 | 1,152,823 | 1,800 |
| | Classified adjustment | | 1,800 | |
| 435 | OTHER SERVICE SUPPORT | 1,096,074 | 1,096,074 | 0 |
| | Remove one-time fiscal year 2016 funding increase | | -5,500 | |
| | Army support to Capitol 4th | | 5,500 | |
| | 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 | 564,720 | 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 | 113,692 | 113,692 | --- |
| 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 | 790,685 | 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 | | | |
| | ACCESSION TRAINING | | | |
| 380 | OFFICER ACQUISITION | 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 |
|---|---|---|---|
| **1A4N AIR SYSTEMS SUPPORT** | **446,733** | **453,233** | **6,500** |
| Program increase - MV-22B readiness | | 1,200 | |
| Program increase - H-1 readiness | | 5,300 | |
| **1A5A AIRCRAFT DEPOT MAINTENANCE** | **1,007,681** | **1,012,681** | **5,000** |
| Program increase | | 5,000 | |
| **1A9A AVIATION LOGISTICS** | **564,720** | **582,220** | **17,500** |
| Program increase - MV-22B readiness | | 10,700 | |
| Program increase - KC-130J readiness | | 6,800 | |
| **1B2B SHIP OPERATIONS SUPPORT AND TRAINING** | **743,765** | **752,765** | **9,000** |
| Program increase | | 9,000 | |
| **1B4B SHIP DEPOT MAINTENANCE** | **5,168,273** | **5,182,773** | **14,500** |
| Program increase | | 5,000 | |
| Program increase | | 9,500 | |
| **1B5B SHIP DEPOT OPERATIONS SUPPORT** | **1,575,578** | **1,575,578** | **0** |
| Unjustified program growth | | -2,500 | |
| Program increase | | 2,500 | |
| **1C6C COMBAT SUPPORT FORCES** | **1,158,688** | **1,157,632** | **-1,056** |
| Unjustified program growth | | -1,056 | |
| **BSIT ENTERPRISE INFORMATION TECHNOLOGY** | **790,685** | **784,709** | **-5,976** |
| Unjustified program growth | | -5,976 | |
| **BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **1,642,742** | **1,667,742** | **25,000** |
| Program increase | | 25,000 | |
| **BSS1 BASE OPERATING SUPPORT** | **4,206,136** | **4,158,267** | **-47,869** |
| Excess to requirement | | -47,869 | |
| **2A1F SHIP PREPOSITIONING AND SURGE** | **893,517** | **846,599** | **-46,918** |
| Justification does not match summary of price and program changes | | -292,018 | |
| Navy identified shortfall | | 245,100 | |
| **2C1H EXPEDITIONARY HEALTH SERVICE SYSTEMS** | **95,720** | **103,551** | **7,831** |
| Program increase | | 7,831 | |
| **3C1L RECRUITING AND ADVERTISING** | **225,647** | **225,639** | **-8** |
| Unjustified program growth | | -1,230 | |
| Naval Sea Cadet Corps | | 1,222 | |
| **4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT** | **369,767** | **365,767** | **-4,000** |
| 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 | | | |
| | EXPEDITIONARY FORCES | | | |
| 10 | 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 | 6,246,366 | +292,108 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 1A1A OPERATIONAL FORCES | 674,613 | 696,613 | 22,000 |
| Program increase | | 22,000 | |
| 1A2A FIELD LOGISTICS | 947,424 | 960,624 | 13,200 |
| Program increase | | 13,200 | |
| 1A3A DEPOT MAINTENANCE | 206,783 | 265,983 | 59,200 |
| Program increase | | 5,000 | |
| Program increase | | 47,200 | |
| Program increase | | 2,000 | |
| Program increase | | 5,000 | |
| BSM1 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 632,673 | 640,424 | 7,751 |
| Program increase | | 7,751 | |
| BSS1 BASE OPERATING SUPPORT | 2,136,626 | 2,128,041 | -8,585 |
| Unjustified program growth | | -8,585 | |
| OVERESTIMATION OF CIVILIAN FTE TARGETS | | -35,316 | -35,316 |
| RESTORE READINESS | | 233,858 | 233,858 |

## 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 | | | |
| | MOBILITY OPERATIONS | | | |
| 140 | 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 | | | |
| | ACCESSION TRAINING | | | |
| 190 | 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 | 3,294,124 | 3,289,874 | -4,250 |
| Unjustified program growth | | -4,250 | |
| 011M DEPOT MAINTENANCE | 7,042,988 | 7,043,155 | 167 |
| Unjustified program growth | | -4,833 | |
| Program increase | | 5,000 | |
| 011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 1,657,019 | 1,682,019 | 25,000 |
| Program increase | | 25,000 | |
| 011Z BASE SUPPORT | 2,787,216 | 2,783,491 | -3,725 |
| Unjustified program growth | | -3,725 | |
| 012C OTHER COMBAT OPS SPT PROGRAMS | 1,070,178 | 1,060,108 | -10,070 |
| Unjustified progam growth | | -10,070 | |
| 021M DEPOT MAINTENANCE | 1,553,439 | 1,558,439 | 5,000 |
| Program increase | | 5,000 | |
| 021R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 258,328 | 262,484 | 4,156 |
| Program increase | | 4,156 | |
| 031A OFFICER ACQUISITION | 120,886 | 113,411 | -7,475 |
| Unjustified program growth | | -7,475 | |
| 031Z BASE SUPPORT | 819,915 | 816,138 | -3,777 |
| Unjustified program growth | | -3,777 | |
| 032C PROFESSIONAL DEVELOPMENT EDUCATION | 264,213 | 262,213 | -2,000 |
| Unjustified program growth | | -2,000 | |
| 033A RECRUITING AND ADVERTISING | 104,754 | 99,754 | -5,000 |
| Unjustified program growth | | -5,000 | |
| 033D CIVILIAN EDUCATION AND TRAINING | 173,583 | 171,859 | -1,724 |
| Unjustified program growth | | -1,724 | |
| 042G OTHER SERVICEWIDE ACTIVITIES | 961,304 | 951,488 | -9,816 |
| Price growth requested as program growth | | -9,816 | |
| 042I CIVIL AIR PATROL | 25,735 | 28,000 | 2,265 |
| Program increase | | 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 | 683,620 | 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 | 536,353 | -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 | 14,069,333 | 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]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **1PL1 JOINT CHIEFS OF STAFF** | **506,113** | **504,159** | **-1,954** |
| Support to Info Ops Capabilities - unjustified growth | | -1,954 | |
| **1PL2 SPECIAL OPERATIONS COMMAND** | **4,898,159** | **4,684,801** | **-213,358** |
| 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 | | -5,600 | |
| 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 | |
| **3EV7 SPECIAL OPERATIONS COMMAND / TRAINING AND RECRUITING** | **365,349** | **357,349** | **-8,000** |
| Specialized skill training - unjustified growth | | -8,000 | |
| **4GT3 CIVIL MILITARY PROGRAMS** | **160,480** | **195,819** | **35,339** |
| Program increase - Youth Challenge | | 10,339 | |
| Program increase - STARBASE | | 25,000 | |
| **4GT6 DEFENSE CONTRACT AUDIT AGENCY** | **630,925** | **624,938** | **-5,987** |
| Civilian personnel compensation - unjustified growth | | -5,987 | |
| **4GT8 DEFENSE HUMAN RESOURCES AGENCY** | **683,620** | **697,860** | **14,240** |
| 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 | |
| **4GT9 DEFENSE INFORMATION SYSTEMS AGENCY** | **1,439,891** | **1,442,891** | **3,000** |
| Program increase - Secure Communications | | 5,000 | |
| Program reduction | | -2,000 | |
| **4GTE DEFENSE LOGISTICS AGENCY** | **357,964** | **360,251** | **2,287** |
| Program increase - Procurement Techincal Assistance Program | | 11,781 | |
| Enterprise Business Systems - unjustified growth | | -9,494 | |
| **ES18 DEFENSE MEDIA ACTIVITY** | **223,422** | **219,518** | **-3,904** |
| Imagery services - unjustified growth | | -3,904 | |

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **4GTE DEFENSE SECURITY COOPERATION AGENCY** | **496,754** | **494,622** | **-2,132** |
| Overestimation of civilian FTE targets | | -662 | |
| Administration expenses - unjustified growth | | -293 | |
| Fellowship programs - unjustified growth | | -1,177 | |
| **4GTF DEFENSE SECURITY SERVICE** | **538,711** | **536,353** | **-2,358** |
| Overestimation of civilian FTE targets | | -4,858 | |
| Program increase - Insider Threat | | 2,500 | |
| **4GTI DEFENSE THREAT REDUCTION AGENCY** | **448,146** | **444,346** | **-3,800** |
| CWMD sustainment - unjustified growth | | -3,800 | |
| **4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY** | **2,671,143** | **2,643,910** | **-27,233** |
| Overestimation of civilian FTE targets | | -27,233 | |
| **011A MISSILE DEFENSE AGENCY** | **446,975** | **440,725** | **-6,250** |
| THAAD sustainment early to need | | -6,250 | |
| **4GTN OFFICE OF THE SECRETARY OF DEFENSE** | **1,481,643** | **1,479,539** | **-2,104** |
| Overestimation of civilian FTE targets | | -5,866 | |
| 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 | |
| **4GT1 SPECIAL OPERATIONS COMMAND** | **89,429** | **88,929** | **-500** |
| Acquisition/program management - unjustified growth | | -500 | |
| **4GTC WASHINGTON HEADQUARTERS SERVICES** | **629,874** | **627,022** | **-2,852** |
| Unjustified growth | | -2,852 | |
| **999 OTHER PROGRAMS** | **14,069,333** | **13,951,533** | **-117,800** |
| Classified adjustment | | -117,800 | |
| **IMPACT AID** | | **30,000** | |
| **IMPACT AID for children with disabilities** | | **5,000** | |

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]

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

## 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 | | | |
| | RESERVE AIR OPERATIONS | | | |
| 10 | 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 | --- |
| | RESERVE SHIP OPERATIONS | | | |
| 70 | SHIP OPERATIONAL SUPPORT AND TRAINING | 560 | 560 | --- |
| | RESERVE COMBAT OPERATIONS SUPPORT | | | |
| 90 | COMBAT COMMUNICATIONS | 13,173 | 13,173 | --- |
| 100 | COMBAT SUPPORT FORCES | 109,053 | 109,053 | --- |
| | RESERVE WEAPONS SUPPORT | | | |
| 120 | ENTERPRISE INFORMATION TECHNOLOGY | 27,226 | 27,226 | --- |
| | BASE OPERATING SUPPORT | | | |
| 130 | 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]

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

## 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 | | | |
| | 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 | | | |
| | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 50 | 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]

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

## 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 | 3,106,066 | +38,137 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

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

### 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 | | | |
| | LAND FORCES | | | |
| 10 | 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 |
| | LAND FORCES READINESS | | | |
| 70 | 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 | --- |
| | LAND FORCES READINESS SUPPORT | | | |
| 100 | BASE OPERATIONS SUPPORT | 1,040,012 | 1,038,189 | -1,823 |
| 110 | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 676,715 | 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 | | | |
| | ADMINISTRATION AND SERVICEWIDE ACTIVITIES | | | |
| 130 | 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 | 792,271 | 788,178 | -4,093 |
| Unjustified program growth | | -4,093 | |
| 114 THEATER LEVEL ASSETS | 80,341 | 84,341 | 4,000 |
| Program increase - Operation Phalanx | | 4,000 | |
| 116 AVIATION ASSETS | 887,625 | 889,825 | 2,200 |
| Program increase - Operation Phalanx | | 5,000 | |
| Unjustified program growth | | -2,800 | |
| 121 FORCE READINESS OPERATIONS SUPPORT | 696,267 | 693,153 | -3,115 |
| Unjustified program growth | | -6,315 | |
| Program increase - cyber protection teams | | 3,000 | |
| Program increase - language capabilities | | 200 | |
| 131 BASE OPERATIONS SUPPORT | 1,040,012 | 1,038,189 | -1,823 |
| Program increase | | 555 | |
| Unjustified program growth | | -2,378 | |
| 132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION | 676,715 | 692,947 | 16,232 |
| Program increase | | 16,232 | |
| 133 MANAGEMENT AND OPERATIONAL HEADQUARTERS | 1,021,144 | 1,008,817 | -12,327 |
| Unjustified program growth | | -12,327 | |
| 431 ADMINISTRATION | 68,528 | 69,678 | 1,150 |
| Program increase - State Partnership Program | | 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]

| O-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **011F AIRCRAFT OPERATIONS** | **3,282,238** | **3,266,057** | **-16,181** |
| Projected underexecution | | -12,181 | |
| Unjustifed growth | | -4,000 | |
| **011G MISSION SUPPORT OPERATIONS** | **723,062** | **725,012** | **1,950** |
| Program increase - State Partnership Program | | 1,950 | |
| **011R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION** | **245,840** | **255,840** | **10,000** |
| Program increase | | 10,000 | |
| **011Z BASE OPERATING SUPPORT** | **575,548** | **566,507** | **-9,041** |
| Unjustifed growth | | -9,041 | |
| **LOWER THAN BUDGETED CIVILIAN COMPENSATION** | | **-32,106** | **-32,106** |
| **RESTORE READINESS** | | **50,000** | **50,000** |

## 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 | 2,538,152 | -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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | AIRCRAFT PROCUREMENT, ARMY | | | | | | |
| | AIRCRAFT | | | | | | |
| | FIXED WING | | | | | | |
| 1 | UTILITY F/W CARGO AIRCRAFT | 3 | 57,529 | 3 | 57,529 | --- | --- |
| 3 | MQ-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 (MYP) | 36 | 755,146 | 50 | 953,446 | +14 | +198,300 |
| 12 | UH-60 BLACKHAWK (MYP) (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 | 556,257 | 22 | 550,857 | --- | -5,400 |
| 15 | CH-47 HELICOPTER (AP-CY) | --- | 8,707 | --- | 8,707 | --- | --- |
| | TOTAL, AIRCRAFT | | 2,641,551 | | 3,606,461 | | +964,910 |
| | MODIFICATION OF AIRCRAFT | | | | | | |
| 16 | MQ-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 | EMARSS 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 | GATM 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| | GROUND SUPPORT AVIONICS | | | | | | |
| 32 | AIRCRAFT SURVIVABILITY EQUIPMENT | --- | 67,377 | --- | 89,377 | --- | +22,000 |
| 33 | SURVIVABILITY CM | --- | 9,565 | --- | 9,565 | --- | --- |
| 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 | 55,388 | 250,388 | 195,000 |
| | Program increase - 12 aircraft | | 195,000 | |
| 6 | HELICOPTER, LIGHT UTILITY (LUH) | 0 | 131,000 | 131,000 |
| | Program increase - 20 aircraft | | 131,000 | |
| 7A | AH-64 APACHE BLOCK IIIA NEW BUILD | 0 | 374,210 | 374,210 |
| | Program increase - ten aircraft | | 374,210 | |
| 8A | AH-64 APACHE BLOCK IIIA NEW BUILD (AP-CY) | 0 | 71,800 | 71,800 |
| | Program increase | | 71,800 | |
| 11 | UH-60 BLACKHAWK (MYP) | 755,146 | 953,446 | 198,300 |
| | Program increase - 14 aircraft | | 198,300 | |
| 14 | CH-47 HELICOPTER | 556,257 | 550,857 | -5,400 |
| | Excess program management cost growth | | -1,500 | |
| | Excess support cost growth | | -3,900 | |
| 16 | MQ-1 PAYLOAD - UAS | 43,735 | 63,735 | 20,000 |
| | Program increase - CSP HD upgrade | | 20,000 | |
| 29 | COMMS, NAV SURVEILLANCE | 45,302 | 52,302 | 7,000 |
| | Program increase - assured PNT | | 7,000 | |
| 32 | AIRCRAFT SURVIVABILITY EQUIPMENT | 67,377 | 89,377 | 22,000 |
| | Program increase - modernized radar warning system | | 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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | MISSILE PROCUREMENT, ARMY | | | | | | |
| | OTHER MISSILES | | | | | | |
| | SURFACE-TO-AIR MISSILE SYSTEM | | | | | | |
| 2 | LOWER TIER AIR AND MISSILE DEFENSE (AMD) | --- | 126,470 | --- | 126,470 | --- | --- |
| 3 | MSE 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 | | 1,061,325 | | 1,047,125 | | -14,200 |
| | MODIFICATION OF MISSILES | | | | | | |
| | MODIFICATIONS | | | | | | |
| 11 | PATRIOT MODS | --- | 197,107 | --- | 197,107 | --- | --- |
| 12 | ATACMS MODS | --- | 150,043 | --- | 150,043 | --- | --- |
| 13 | GMLRS MOD | --- | 395 | --- | 395 | --- | --- |
| 15 | AVENGER MODS | --- | 33,606 | --- | 33,606 | --- | --- |
| 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 | | 6,069 | | 6,069 | | --- |
| | TOTAL, MISSILE PROCUREMENT, ARMY | | 1,519,966 | | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | -4,730 |
| 5 | BRADLEY PROGRAM (MOD) | --- | 276,433 | --- | 264,933 | --- | -11,500 |
| 6 | HOWITZER, MED SP FT 155MM M109A6 (MOD) | --- | 63,138 | --- | 63,138 | --- | --- |
| 7 | PALADIN PIPM 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 | --- | -4,400 |
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| | TOTAL, TRACKED COMBAT VEHICLES | | 2,051,424 | | 2,030,794 | | -20,630 |
| | WEAPONS AND OTHER COMBAT VEHICLES | | | | | | |
| 16 | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | MOD OF WEAPONS AND OTHER COMBAT VEH | | | | | | |
| 23 | MK-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 (WOCV-WTCV) | --- | 3,157 | --- | 3,157 | --- | --- |
| | SUPPORT EQUIPMENT AND FACILITIES | | | | | | |
| 34 | ITEMS LESS THAN $5.0M (WOCV-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 W&TCV, ARMY | | 2,265,177 | | 2,244,547 | | -20,630 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 3 | STRYKER UPGRADE | 444,561 | 439,831 | -4,730 |
| | Excess Double-V Hull program management cost growth | | -4,730 | |
| 5 | BRADLEY PROGRAM (MOD) | 276,433 | 264,933 | -11,500 |
| | Excess program management growth | | -11,500 | |
| 13 | M1 ABRAMS TANK (MOD) | 480,166 | 475,766 | -4,400 |
| | 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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | --- |
| 5 | CTG, 25MM, ALL TYPES | --- | 7,753 | --- | 7,753 | --- | --- |
| 6 | CTG, 30MM, ALL TYPES | --- | 47,000 | --- | 47,000 | --- | --- |
| 7 | CTG, 40MM, ALL TYPES | --- | 118,178 | --- | 118,178 | --- | --- |
| | MORTAR AMMUNITION | | | | | | |
| 8 | 60MM 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | | | | | | |
| | PRODUCTION BASE SUPPORT | | | | | | |
| 29 | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | 541,598 | --- | +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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | COMM - C3 SYSTEM | | | | | | |
| 28 | ARMY GLOBAL CMD & CONTROL SYS (AGCCS) | --- | 2,530 | --- | 2,530 | --- | --- |
| | COMM - COMBAT COMMUNICATIONS | | | | | | |
| 33 | HANDHELD MANPACK SMALL FORM FIT (HMS) | 5,656 | 273,645 | 5,656 | 273,645 | --- | --- |
| 30 | MID-TIER NETWORKING VEHICULAR RADIO (MNVR) | --- | 25,017 | --- | 25,017 | --- | --- |
| 31 | RADIO TERMINAL SET, MIDS LVT(2) | --- | 12,326 | --- | 12,326 | --- | --- |
| 33 | TRACTOR DESK | --- | 2,034 | --- | 2,034 | --- | --- |
| 38 | TRACTOR RIDE | --- | 2,334 | --- | 2,334 | --- | --- |
| 34 | SPIDER APLA REMOTE CONTROL UNIT | --- | 1,985 | --- | 1,985 | --- | --- |
| 35 | SPIDER FAMILY OF NETWORKED MUNITIONS INCREASE | --- | 10,796 | --- | 10,796 | --- | --- |
| 37 | TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM | --- | 3,607 | --- | 3,607 | --- | --- |
| 38 | UNIFIED COMMAND SUITE | --- | 14,295 | --- | 14,295 | --- | --- |
| 40 | FAMILY OF MED COMM FOR COMBAT CASUALTY CARE | --- | 19,893 | --- | 19,893 | --- | --- |
| | COMM - INTELLIGENCE COMM | | | | | | |
| 42 | 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 (COMSEC) | --- | 131,356 | --- | 131,356 | --- | --- |
| 52 | DEFENSIVE CYBER OPERATIONS | --- | 15,132 | --- | 15,132 | --- | --- |
| | COMM - LONG HAUL COMMUNICATIONS | | | | | | |
| 47 | BASE SUPPORT COMMUNICATIONS | --- | 27,452 | --- | 32,852 | --- | +5,400 |
| | COMM - BASE COMMUNICATIONS | | | | | | |
| 48 | INFORMATION SYSTEMS | --- | 122,055 | --- | 122,055 | --- | --- |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | 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 (MIP) | --- | 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 | --- | 5,924 | --- | --- |
| 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 & MSL DEFENSE PLANNING & CONTROL SYS (AMD | --- | 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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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) | --- | 1,995 | --- | 1,995 | --- | --- |
| 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 CBRN 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 | --- | 983 | --- | 983 | --- | --- |
| 116 COMMON BRIDGE TRANSPORTER RECAP | --- | 25,176 | --- | 25,176 | --- | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | ENGINEER (NON-CONSTRUCTION) EQUIPMENT | | | | | | |
| 117 | GROUND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS)..... | --- | 39,350 | --- | 39,350 | --- | --- |
| 120 | AREA MINE DETECTION SYSTEM (AMIDS)..... | --- | 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 $5M, 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)..... | --- | 10,856 | --- | 10,856 | --- | --- |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| CONSTRUCTION EQUIPMENT | | | | | | |
| 142 GRADER, ROAD MTZD, HVY, 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 | --- | 65,285 | --- | 65,285 | --- | --- |
| 149 HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) 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) | --- | 1,967 | --- | 1,967 | --- | --- |
| 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 | --- | 4,963 | --- | 4,963 | --- | --- |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|
| OTHER SUPPORT EQUIPMENT | | | | | | |
| 168 M25 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 | | 1,399,333 | | +27,477 |
| SPARE AND REPAIR PARTS | | | | | | |
| 177 INITIAL SPARES - C&E | --- | 27,243 | --- | 27,243 | --- | --- |
| 178 ARMY NATIONAL GUARD HMMWV 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) | 39,564 | 33,594 | -5,970 |
| | Unit cost growth | | -5,970 | |
| 10 | TACTICAL WHEELED VEHICLE PROTECTION KITS | 49,751 | 45,251 | -4,500 |
| | Unit cost growth | | -4,500 | |
| 16 | WIN-T - GROUND FORCES TACTICAL NETWORK | 427,598 | 541,598 | 114,000 |
| | Program increase | | 114,000 | |
| 47 | BASE SUPPORT COMMUNICATIONS | 27,452 | 32,852 | 5,400 |
| | Program increase - USAEUR land mobile radio upgrade | | 5,400 | |
| 51 | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM | 131,794 | 126,794 | -5,000 |
| | Excess government management cost growth | | -5,000 | |
| 77 | FAMILY OF WEAPON SIGHTS (FWS) | 55,536 | 39,536 | -16,000 |
| | Underexecution | | -16,000 | |
| 125 | HEATERS AND ECU'S | 18,707 | 12,207 | -6,500 |
| | Underexecution | | -6,500 | |
| 130 | MOBILE SOLDIER POWER | 30,014 | 20,014 | -10,000 |
| | Underexecution | | -10,000 | |
| 137 | QUALITY SURVEILLANCE EQUIPMENT | 4,487 | 3,407 | -1,080 |
| | Unit cost growth | | -1,080 | |
| 138 | DISTRIBUTION SYSTEMS, PETROLEUM & WATER | 42,656 | 40,213 | -2,443 |
| | Unit cost growth | | -2,443 | |
| 139 | COMBAT SUPPORT MEDICAL | 59,761 | 69,761 | 10,000 |
| | Program increase | | 10,000 | |
| 143 | SCRAPERS, EARTHMOVING | 26,233 | 41,233 | 15,000 |
| | Program increase - heavy scrapers only for the Army Reserve | | 15,000 | |
| 149 | HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS | 1,743 | 16,743 | 15,000 |
| | Program increase | | 15,000 | |
| 172 | MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) | 67,367 | 74,867 | 7,500 |
| | Program increase - laser leveling systems | | 7,500 | |
| 178 | ARMY NATIONAL GUARD HMMWV MODERNIZATION PROGRAM | 0 | 100,000 | 100,000 |
| | Program increase | | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | AIRCRAFT PROCUREMENT, NAVY | | | | | | |
| | COMBAT AIRCRAFT | | | | | | |
| 2 | F/A-18E/F (FIGHTER) HORNET (MYP) | --- | --- | 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 | --- | -4,196 |
| 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 | --- | -8,024 |
| 14 | MH-60R | --- | 61,177 | --- | 61,177 | --- | --- |
| 16 | P-8A POSEIDON | 11 | 1,940,238 | 11 | 1,821,245 | --- | -118,993 |
| 17 | P-8A POSEIDON (AP-CY) | --- | 123,140 | --- | 102,259 | --- | -20,881 |
| 18 | E-2D ADV HAWKEYE | 6 | 916,483 | 6 | 916,483 | --- | --- |
| 19 | E-2D ADV HAWKEYE (AP-CY) | --- | 125,042 | --- | 80,042 | --- | -45,000 |
| | TOTAL, COMBAT AIRCRAFT | | 8,946,852 | | 10,744,657 | | +1,797,805 |
| | TRAINER AIRCRAFT | | | | | | |
| 20 | JPATS | --- | 5,849 | --- | 5,849 | --- | --- |
| | TOTAL, TRAINER AIRCRAFT | | 5,849 | | 5,849 | | --- |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | OTHER AIRCRAFT | | | | | | |
| 21 | KC-130J | 2 | 128,870 | 2 | 118,882 | --- | -9,988 |
| 22 | KC-130J (AP-CY) | --- | 24,848 | --- | 24,848 | --- | --- |
| 23 | MQ-4 TRITON | 2 | 409,005 | 3 | 444,242 | +1 | +35,237 |
| 24 | MQ-4 TRITON (AP-CY) | --- | 55,652 | --- | 74,652 | --- | +19,000 |
| 25 | MQ-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 | --- | 60,818 | --- | 54,895 | --- | -5,923 |
| 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 | --- | 106,506 | --- | -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 | FEWSG | --- | 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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | 45,768 | --- | 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 | RQ-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 | | 2,565,436 | | 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 | | 15,900,093 | | +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)** | **0** | **1,200,000** | **1,200,000** |
| Program increase - 14 additional aircraft | | 1,200,000 | |
| **3 JOINT STRIKE FIGHTER** | **890,650** | **1,367,650** | **477,000** |
| Contract award savings | | -23,000 | |
| Program increase - four additional aircraft | | 500,000 | |
| **5 JSF STOVL** | **2,037,768** | **2,196,968** | **159,200** |
| Contract award savings | | -95,000 | |
| Program increase - two additional aircraft | | 254,200 | |
| **8 CH-53K (HEAVY LIFT) (AP-CY)** | **88,365** | **84,169** | **-4,196** |
| Excess to need | | -4,196 | |
| **9 V-22 (MEDIUM LIFT)** | **1,264,134** | **1,376,929** | **112,795** |
| Unit cost growth | | -10,192 | |
| ECO and NRE previously funded | | -8,432 | |
| Support cost growth | | -15,081 | |
| Program increase - two additional aircraft | | 146,500 | |
| **11 UH-1Y/AH-1Z** | **759,778** | **805,682** | **45,904** |
| Airframe unit cost growth | | -3,192 | |
| Training equipment cost growth | | -2,406 | |
| Production engineering support excess growth | | -6,178 | |
| Other ILS excess growth | | -6,320 | |
| Program increase - two additional aircraft | | 64,000 | |
| **12 UH-1Y/AH-1Z (AP-CY)** | **57,232** | **49,208** | **-8,024** |
| Funding carryover from reduction in aircraft | | -8,024 | |
| **16 P-8A POSEIDON** | **1,940,238** | **1,821,245** | **-118,993** |
| Airframe unit cost growth | | -77,230 | |
| CFE electronics cost growth | | -11,602 | |
| GFE electronics cost growth | | -3,543 | |
| Ancillary equipment excess growth | | -15,785 | |
| NRE excess growth | | -10,833 | |
| **17 P-8A POSEIDON (AP-CY)** | **123,140** | **102,259** | **-20,881** |
| Funding carryover from reduction in aircraft | | -20,881 | |
| **19 E-2D ADV HAWKEYE (AP-CY)** | **125,042** | **80,042** | **-45,000** |
| Excess to need | | -45,000 | |
| **21 KC-130J** | **128,870** | **118,882** | **-9,988** |
| Contract savings carryover | | -9,988 | |
| **23 MQ-4 TRITON** | **409,005** | **444,242** | **35,237** |
| Unit cost savings | | -12,880 | |
| Unit cost growth | | -32,750 | |
| Production engineering support excess growth | | -14,133 | |
| Program increase - one additional system | | 95,000 | |
| **24 MQ-4 TRITON (AP-CY)** | **55,652** | **74,652** | **19,000** |
| Program increase | | 19,000 | |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **25 MQ-8 UAV** | **72,435** | **90,345** | **17,910** |
| Unit cost savings | | -29,690 | |
| Program increase - four additional aircraft | | 47,600 | |
| **29 AEA SYSTEMS** | **51,900** | **50,457** | **-1,443** |
| Other support growth (OSIP 007-11) | | -1,033 | |
| Hardback cost growth (OSIP 007-11) | | -410 | |
| **30 AV-8 SERIES** | **60,818** | **54,895** | **-5,923** |
| Installation kit cost growth (OSIP 006-06) | | -1,500 | |
| Excess installation (OSIP 006-06) | | -4,423 | |
| **31 ADVERSARY** | **5,191** | **3,009** | **-2,182** |
| Excess installation (OSIP 009-13) | | -2,182 | |
| **32 F-18 SERIES** | **1,023,492** | **973,974** | **-49,518** |
| 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 | |
| **34 H-53 SERIES** | **46,095** | **48,895** | **2,800** |
| Program increase - CH-53 readiness | | 2,800 | |
| **35 SH-60 SERIES** | **108,328** | **106,506** | **-1,822** |
| Installations kit non-recurring cost growth (OSIP 018-12) | | -1,822 | |
| **36 H-1 SERIES** | **46,333** | **69,733** | **23,400** |
| Program increase - H-1 readiness | | 23,400 | |
| **39 E-2 SERIES** | **32,949** | **30,949** | **-2,000** |
| Excess support growth (OSIP 009-16) | | -2,000 | |
| **40 TRAINER A/C SERIES** | **13,199** | **11,328** | **-1,871** |
| Installation kit carryover (OSIP 005-04) | | -1,871 | |
| **42 C-130 SERIES** | **61,788** | **49,515** | **-12,273** |
| Training equipment unjustified growth (OSIP 022-07) | | -7,293 | |
| Installation kit non-recurring carryover (OSIP 008-12) | | -4,980 | |
| **45 E-6 SERIES** | **222,077** | **208,544** | **-13,533** |
| 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 | |
| **46 EXECUTIVE HELICOPTERS SERIES** | **66,835** | **63,754** | **-3,081** |
| Excess support growth (OSIP 014-02) | | -3,081 | |
| **48 T-45 SERIES** | **114,887** | **105,267** | **-9,620** |
| 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) | | -2,602 | |
| Support carryover (OSIP 006-16) | | -3,991 | |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **49 POWER PLANT CHANGES** | **16,893** | **14,893** | **-2,000** |
| Excess support growth | | -2,000 | |
| **50 JPATS SERIES** | **17,401** | **13,414** | **-3,987** |
| Aircraft retrofit kits previously funded (OSIP 007-16) | | -3,050 | |
| Installation cost growth (OSIP 007-16) | | -937 | |
| **51 COMMON ECM EQUIPMENT** | **143,773** | **132,063** | **-11,710** |
| ALQ-214 kit cost growth (OSIP 004-12) | | -11,710 | |
| **52 COMMON AVIONICS CHANGES** | **164,839** | **138,369** | **-26,470** |
| CNS/ATM A kit cost growth (OSIP 21-01) | | -6,670 | |
| CNS/ATM installation equipment cost growth (OSIP 21-01) | | -19,800 | |
| **54 ID SYSTEMS** | **45,768** | **42,270** | **-3,498** |
| Installation kit cost growth (OSIP 15-03) | | -3,498 | |
| **56 MAGTF EW FOR AVIATION** | **5,676** | **4,244** | **-1,432** |
| ALQ-23(V)3 installation kits previously funded (OSIP 010-13) | | -1,432 | |
| **60 F-35 STOVL SERIES** | **34,928** | **31,436** | **-3,492** |
| Support carryover (OSIP 023-14) | | -3,492 | |
| **61 F-35 CV SERIES** | **26,004** | **21,833** | **-4,171** |
| Support carryover (OSIP 016-14) | | -1,050 | |
| Support carryover (OSIP 024-14) | | -3,121 | |
| **63 SPARES AND REPAIR PARTS** | **1,407,626** | **1,502,551** | **94,925** |
| 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 | |
| **64 COMMON GROUND EQUIPMENT** | **390,103** | **363,858** | **-26,245** |
| 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 | |
| **66 WAR CONSUMABLES** | **40,613** | **36,740** | **-3,873** |
| BRU-66 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | WEAPONS PROCUREMENT, NAVY | | | | | | |
| | BALLISTIC MISSILES | | | | | | |
| | MODIFICATION OF MISSILES | | | | | | |
| 1 | TRIDENT II MODS | --- | 1,103,086 | --- | 1,094,736 | --- | -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 | TOMAHAWK | 100 | 186,905 | 100 | 146,274 | --- | -40,631 |
| | TACTICAL MISSILES | | | | | | |
| 4 | AMRAAM | 163 | 204,697 | 163 | 196,447 | --- | -8,250 |
| 5 | SIDEWINDER | 152 | 70,912 | 152 | 70,912 | --- | --- |
| 6 | JSOW | --- | 2,232 | --- | 2,232 | --- | --- |
| 7 | STANDARD MISSILE | 125 | 501,212 | 125 | 497,968 | --- | -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 | 29,643 | 10 | 29,643 | --- | --- |
| | 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 | | 1,498,768 | | -75,733 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | TORPEDOES AND RELATED EQUIPMENT | | | | | | |
| | TORPEDOES AND RELATED EQUIP | | | | | | |
| 23 | SSTD | --- | 5,910 | --- | 5,910 | --- | --- |
| 24 | MK-48 TORPEDO | 11 | 44,537 | 11 | 40,935 | --- | -3,602 |
| 25 | ASW TARGETS | --- | 9,302 | --- | 9,106 | --- | -196 |
| 26 | MK-54 TORPEDO MODS | --- | 98,092 | --- | 96,292 | --- | -1,800 |
| | MOD OF TORPEDOES AND RELATED EQUIP | | | | | | |
| 27 | MK-48 TORPEDO ADCAP MODS | --- | 46,139 | --- | 43,675 | --- | -2,464 |
| 28 | QUICKSTRIKE MINE | --- | 1,236 | --- | 1,236 | --- | --- |
| | SUPPORT EQUIPMENT | | | | | | |
| 29 | TORPEDO SUPPORT EQUIPMENT | --- | 60,061 | --- | 54,971 | --- | -5,090 |
| 30 | ASW 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 | CIWS 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 |
|---|---|---|---|
| **1 TRIDENT II MODS** | **1,103,086** | **1,094,736** | **-8,350** |
| Fuze sustainment excess growth | | -4,350 | |
| Guidance production support excess growth | | -4,000 | |
| **3 TOMAHAWK** | **186,905** | **146,274** | **-40,631** |
| Tomahawk unit cost growth | | -38,000 | |
| MK 14 canister unit cost growth | | -2,631 | |
| **4 AMRAAM** | **204,697** | **196,447** | **-8,250** |
| Unit cost growth | | -7,250 | |
| ECO excess growth | | -1,000 | |
| **7 STANDARD MISSILE** | **501,212** | **497,968** | **-3,244** |
| Diminishing manufacturing sources excess growth | | -3,244 | |
| **9 JOINT AIR GROUND MISSILE (JAGM)** | **26,200** | **21,688** | **-4,512** |
| Unit cost savings | | -4,512 | |
| **13 AERIAL TARGETS** | **137,484** | **136,684** | **-800** |
| Other targets cost savings | | -500 | |
| Excess support growth | | -300 | |
| **16 ESSM** | **52,935** | **43,473** | **-9,462** |
| MK-41 all up round unit cost growth | | -7,344 | |
| Diminishing manufacturing sources excess growth | | -2,118 | |
| **18 HARM MODS** | **178,213** | **176,252** | **-1,961** |
| Training equipment prior year carryover | | -1,961 | |
| **21 FLEET SATELLITE COMM FOLLOW-ON** | **36,723** | **29,850** | **-6,873** |
| Ground system updates excess growth | | -6,873 | |
| **24 MK-48 TORPEDO** | **44,537** | **40,935** | **-3,602** |
| Guidance and control section unit cost growth | | -506 | |
| Production engineering excess growth | | -2,000 | |
| Quality assurance previously funded | | -1,096 | |
| **25 ASW TARGETS** | **9,302** | **9,106** | **-196** |
| MK-39 targets unit cost growth | | -196 | |
| **26 MK-54 TORPEDO MODS** | **98,092** | **96,292** | **-1,800** |
| Diminishing manufacturing sources excess growth | | -1,800 | |
| **27 MK-48 TORPEDO ADCAP MODS** | **46,139** | **43,675** | **-2,464** |
| Production engineering excess growth | | -2,464 | |
| **29 TORPEDO SUPPORT EQUIPMENT** | **60,061** | **54,971** | **-5,090** |
| VLA kits excess growth | | -3,000 | |
| F8100 contract delays | | -2,090 | |
| **35 GUN MOUNT MODS** | **77,003** | **75,867** | **-1,136** |
| Minor caliber gun kits excess installation | | -1,136 | |
| **38 AIRBORNE MINE NEUTRALIZATION SYSTEMS** | **15,753** | **7,406** | **-8,347** |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | 56,609 | --- | -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 |
|---|---|---|---|
| **1 GENERAL PURPOSE BOMBS** | **91,659** | **85,869** | **-5,790** |
| 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 | |
| **2 AIRBORNE ROCKETS, ALL TYPES** | **65,759** | **60,037** | **-5,722** |
| MK-66 rocket motor unit cost growth | | -3,344 | |
| APKWS product improvement and production engineering support growth | | -2,378 | |
| **5 CARTRIDGES & CART ACTUATED DEVICES** | **54,002** | **48,635** | **-5,367** |
| 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 | | -4,090 | |
| **6 AIR EXPENDABLE COUNTERMEASURES** | **57,034** | **56,609** | **-425** |
| ALE-55 unit cost growth | | -425 | |
| **9 5 INCH/54 GUN AMMUNITION** | **19,220** | **15,845** | **-3,375** |
| Renovation components previously funded | | -3,375 | |
| **10 INTERMEDIATE CALIBER GUN AMMUNITION** | **30,196** | **25,937** | **-4,259** |
| 57MM MK 296 contract delay | | -4,259 | |
| **11 OTHER SHIP GUN AMMUNITION** | **39,009** | **28,722** | **-10,287** |
| 30MM APFSDS-T contract delay | | -5,415 | |
| 20MM MK-244 contract delay | | -4,872 | |
| **15 SMALL ARMS AMMUNITION** | **27,958** | **27,022** | **-936** |
| Production engineering excess growth | | -936 | |
| **17 40 MM, ALL TYPES** | **14,758** | **13,188** | **-1,570** |
| MK281 unit cost growth | | -1,570 | |
| **20 120MM, ALL TYPES** | **16,757** | **10,427** | **-6,330** |
| Precision extended range munition developmental delay | | -6,330 | |
| **21 GRENADES, ALL TYPES** | **972** | **0** | **-972** |
| Excess production engineering | | -972 | |
| **22 ROCKETS, ALL TYPES** | **14,186** | **10,639** | **-3,547** |
| HX07 contract delay | | -3,547 | |
| **23 ARTILLERY, ALL TYPES** | **68,656** | **61,143** | **-7,513** |
| HE M795 previously funded | | -7,513 | |
| **25 FUZE, ALL TYPES** | **26,088** | **20,640** | **-5,448** |
| Precision guided fuze unit cost savings | | -4,320 | |
| Excess production engineering and ECP growth | | -1,128 | |
| **27 AMMO MODERNIZATION** | **14,660** | **13,396** | **-1,264** |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SHIPBUILDING & CONVERSION, NAVY | | | | | | |
| | FLEET BALLISTIC MISSILE SHIPS | | | | | | |
| 1 | OHIO REPLACEMENT SUBMARINE | --- | 773,138 | --- | 773,138 | --- | --- |
| | OTHER WARSHIPS | | | | | | |
| 2 | 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 | --- | 1,689,920 | --- | -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 | | 14,218,278 | | 14,432,867 | | +214,589 |
| | AMPHIBIOUS SHIPS | | | | | | |
| 16 | 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/ROH/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 | | 18,354,874 | | 18,484,524 | | +129,650 |

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **2 CARRIER REPLACEMENT PROGRAM** | **1,291,783** | **1,271,205** | **-20,578** |
| Surface ship torpedo defense system cost growth | | -2,078 | |
| EMALS cost growth | | -9,400 | |
| Advanced arresting gear cost growth | | -9,100 | |
| **5 VIRGINIA CLASS SUBMARINE (AP-CY)** | **1,767,234** | **1,742,134** | **-25,100** |
| Long lead-time CFE cost growth | | -11,500 | |
| VPM long-lead time CFE early to need | | -13,600 | |
| **6 CVN REFUELING OVERHAUL** | **1,743,220** | **1,689,920** | **-53,300** |
| C4ISR cost growth | | -11,600 | |
| Integrated communication network cost growth | | -6,800 | |
| 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 | |
| **11 LITTORAL COMBAT SHIP** | **1,125,625** | **1,439,192** | **313,567** |
| 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 | |
| **16 LHA REPLACEMENT** | **1,623,024** | **1,559,189** | **-63,835** |
| Plans cost growth | | -58,530 | |
| Excess change orders | | -5,305 | |
| **25 OUTFITTING** | **666,158** | **645,054** | **-21,104** |
| DDG outfitting | | -7,569 | |
| EPF outfitting | | -2,509 | |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | 63,942 | --- | 62,971 | --- | -971 |
| | PERISCOPES | | | | | | |
| 7 | SUB PERISCOPES & IMAGING EQUIP | --- | 136,421 | --- | --- | --- | -136,421 |
| 8 | SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT PROGRAM | --- | --- | --- | 130,063 | --- | +130,063 |
| | 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 | --- | 16,167 | --- | -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 | --- | 15,836 | --- | 14,571 | --- | -1,265 |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| 27 | CHEMICAL WARFARE DETECTORS | --- | 2,873 | --- | 2,873 | --- | --- |
| 28 | SUBMARINE LIFE SUPPORT SYSTEM | --- | 6,043 | --- | 5,407 | --- | -636 |
| | REACTOR PLANT EQUIPMENT | | | | | | |
| 30 | REACTOR COMPONENTS | --- | 342,158 | --- | 342,158 | --- | --- |
| | OCEAN ENGINEERING | | | | | | |
| 31 | DIVING AND SALVAGE EQUIPMENT | --- | 8,973 | --- | 8,176 | --- | -797 |
| | SMALL BOATS | | | | | | |
| 32 | STANDARD BOATS | --- | 43,684 | --- | 42,633 | --- | -1,051 |
| | PRODUCTION FACILITIES EQUIPMENT | | | | | | |
| 34 | OPERATING FORCES IPE | --- | 75,421 | --- | 68,151 | --- | -7,270 |
| | OTHER SHIP SUPPORT | | | | | | |
| 35 | NUCLEAR ALTERATIONS | --- | 172,718 | --- | 172,718 | --- | --- |
| 36 | LCS COMMON MISSION MODULES EQUIPMENT | --- | 27,840 | --- | 21,755 | --- | -6,085 |
| 37 | LCS MCM MISSION MODULES | --- | 57,146 | --- | 52,324 | --- | -4,822 |
| 38 | LCS ASW MISSION MODULES | --- | 31,952 | --- | 31,952 | --- | --- |
| 39 | LCS SUW MISSION MODULES | --- | 22,466 | --- | 13,250 | --- | -9,216 |
| | LOGISTICS SUPPORT | | | | | | |
| 41 | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | ASW ELECTRONIC EQUIPMENT | | | | | | |
| 48 | SUBMARINE ACOUSTIC WARFARE SYSTEM | --- | 21,291 | --- | 21,291 | --- | --- |
| 49 | SSTD | --- | 6,893 | --- | 6,893 | --- | --- |
| 50 | FIXED SURVEILLANCE SYSTEM | --- | 145,701 | --- | 145,701 | --- | --- |
| 51 | SURTASS | --- | 36,136 | --- | 33,743 | --- | -2,393 |
| | ELECTRONIC WARFARE EQUIPMENT | | | | | | |
| 53 | AN/SLQ-32 | --- | 274,892 | --- | 266,641 | --- | -8,251 |
| | RECONNAISSANCE EQUIPMENT | | | | | | |
| 54 | SHIPBOARD IW EXPLOIT | --- | 170,733 | --- | 169,021 | --- | -1,712 |
| 55 | AUTOMATED IDENTIFICATION SYSTEM (AIS) | --- | 958 | --- | 764 | --- | -194 |
| | OTHER SHIP ELECTRONIC EQUIPMENT | | | | | | |
| 57 | COOPERATIVE ENGAGEMENT CAPABILITY | --- | 22,034 | --- | 17,965 | --- | -4,069 |
| 59 | NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) | --- | 12,336 | --- | 12,336 | --- | --- |
| 60 | ATDLS | --- | 30,105 | --- | 30,105 | --- | --- |
| 61 | NAVY COMMAND AND CONTROL SYSTEM (NCCS) | --- | 4,556 | --- | 4,556 | --- | --- |
| 62 | MINESWEEPING SYSTEM REPLACEMENT | --- | 56,675 | --- | 51,241 | --- | -5,434 |
| 63 | SHALLOW WATER MCM | --- | 8,875 | --- | 8,875 | --- | --- |
| 64 | NAVSTAR GPS RECEIVERS (SPACE) | --- | 12,752 | --- | 7,701 | --- | -5,051 |
| 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 | --- | -3,176 |
| 70 | AFLOAT ATC EQUIPMENT | --- | 33,484 | --- | 32,011 | --- | -1,473 |
| 76 | ID SYSTEMS | --- | 22,177 | --- | 22,177 | --- | --- |
| 77 | NAVAL MISSION PLANNING SYSTEMS | --- | 14,273 | --- | 13,910 | --- | -363 |
| 80 | TACTICAL/MOBILE C41 SYSTEMS | --- | 27,927 | --- | 24,178 | --- | -3,749 |
| | OTHER SHORE ELECTRONIC EQUIPMENT | | | | | | |
| 81 | DCGS-N | --- | 12,676 | --- | 11,610 | --- | -1,066 |
| 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 | EMI CONTROL INSTRUMENTATION | --- | 3,971 | --- | 3,971 | --- | --- |
| 89 | ITEMS LESS THAN $5 MILLION | --- | 58,721 | --- | 47,664 | --- | -11,057 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SHIPBOARD COMMUNICATIONS | | | | | | |
| 90 | SHIPBOARD TACTICAL COMMUNICATIONS | --- | 17,366 | --- | 11,497 | --- | -5,869 |
| 91 | SHIP COMMUNICATIONS AUTOMATION | --- | 102,479 | --- | 101,087 | --- | -1,392 |
| 92 | COMMUNICATIONS ITEMS UNDER $5M | --- | 10,403 | --- | 10,403 | --- | --- |
| | SUBMARINE COMMUNICATIONS | | | | | | |
| 93 | SUBMARINE BROADCAST SUPPORT | --- | 34,151 | --- | 31,459 | --- | -2,692 |
| 94 | SUBMARINE COMMUNICATION EQUIPMENT | --- | 64,529 | --- | 62,879 | --- | -1,650 |
| | SATELLITE COMMUNICATIONS | | | | | | |
| 95 | SATELLITE COMMUNICATIONS SYSTEMS | --- | 14,414 | --- | 14,414 | --- | --- |
| 96 | NAVY MULTIBAND TERMINAL (NMT) | --- | 38,365 | --- | 33,992 | --- | -4,373 |
| | SHORE COMMUNICATIONS | | | | | | |
| 97 | JCS COMMUNICATIONS EQUIPMENT | --- | 4,156 | --- | 4,156 | --- | --- |
| | CRYPTOGRAPHIC EQUIPMENT | | | | | | |
| 99 | INFO SYSTEMS SECURITY PROGRAM (ISSP) | --- | 85,694 | --- | 80,916 | --- | -4,778 |
| 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 | | -72,729 |
| | AVIATION SUPPORT EQUIPMENT | | | | | | |
| | SONOBUOYS | | | | | | |
| 103 | SONOBUOYS - ALL TYPES | --- | 162,588 | --- | 157,066 | --- | -5,522 |
| | AIRCRAFT SUPPORT EQUIPMENT | | | | | | |
| 104 | WEAPONS RANGE SUPPORT EQUIPMENT | --- | 58,116 | --- | 58,116 | --- | --- |
| 105 | AIRCRAFT SUPPORT EQUIPMENT | --- | 120,324 | --- | 115,551 | --- | -4,773 |
| 106 | METEOROLOGICAL EQUIPMENT | --- | 29,253 | --- | 29,253 | --- | --- |
| 107 | OTHER PHOTOGRAPHIC EQUIPMENT (DCRS/DPL) | --- | 632 | --- | 632 | --- | --- |
| 108 | AIRBORNE MINE COUNTERMEASURES | --- | 29,097 | --- | 27,542 | --- | -1,555 |
| 109 | AVIATION SUPPORT EQUIPMENT | --- | 39,099 | --- | 37,066 | --- | -2,033 |
| | TOTAL, AVIATION SUPPORT EQUIPMENT | | 439,109 | | 425,226 | | -13,883 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | | 933,565 | | 884,810 | | -48,755 |
| 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 | | 83,118 | | -1,227 |

(DOLLARS IN THOUSANDS)

| | BUDGET REQUEST QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | 6,347 | --- | -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 MIP 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 | --- | 66,200 | --- | -1,344 |
| 150 NEXT GENERATION ENTERPRISE SERVICE | --- | 98,216 | --- | 98,216 | --- | --- |
| TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT | | 354,360 | | 340,991 | | -13,369 |
| 151 SPARES AND REPAIR PARTS | --- | 199,660 | --- | 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)** | **40,132** | **39,282** | **-850** |
| Installation early to need | | -850 | |
| **5 SURFACE COMBATANT HM&E** | **29,974** | **27,447** | **-2,527** |
| Ship control systems unit cost growth | | -2,180 | |
| Excess installation | | -347 | |
| **6 OTHER NAVIGATION EQUIPMENT** | **63,942** | **62,971** | **-971** |
| Surface AN/WSN-9 excess installation | | -971 | |
| **8 SUB PERISCOPES, IMAGING AND SUPT EQUIP PROG** | **136,421** | **130,063** | **-6,358** |
| Imaging ISIS technical insertion unit cost growth | | -3,900 | |
| ISIS technical insertion NRE growth | | -2,458 | |
| **9 DDG MOD** | **367,766** | **354,211** | **-13,555** |
| Excess installation | | -10,403 | |
| Wireless communications installation early to need | | -796 | |
| AWS upgrade kit cost growth | | -1,500 | |
| VLS upgrades engineering services excess growth | | -856 | |
| **10 FIREFIGHTING EQUIPMENT** | **14,743** | **13,752** | **-991** |
| EEBD prior year carryover | | -262 | |
| Magazine sprinkling improvement prior year carryover | | -255 | |
| Firefighter access kits early to need | | -474 | |
| **12 LHA/LHD MIDLIFE** | **24,939** | **22,768** | **-2,171** |
| Brushless generator for PMP installation early to need | | -1,000 | |
| HESC engineering services excess growth | | -1,171 | |
| **14 POLLUTION CONTROL EQUIPMENT** | **20,191** | **16,167** | **-4,024** |
| HF040 field support systems unit cost growth | | -343 | |
| HF062 lightering systems unit cost growth | | -850 | |
| HF031 pollution control equipment field changes (expeditionary warfare) previously funded | | -2,831 | |
| **16 VIRGINIA CLASS SUPPORT EQUIPMENT** | **66,838** | **63,908** | **-2,930** |
| Ship control system modernization backfit excess installation | | -2,930 | |
| **17 LCS CLASS SUPPORT EQUIPMENT** | **54,823** | **44,823** | **-10,000** |
| MT-30 gas turbine engine unit cost growth | | -10,000 | |
| **18 SUBMARINE BATTERIES** | **23,359** | **22,459** | **-900** |
| OHIO class main storage battery previously funded | | -900 | |
| **19 LPD CLASS SUPPORT EQUIPMENT** | **40,321** | **34,416** | **-5,905** |
| HW/SW obsolescence excess installation | | -1,919 | |
| HM&E electrical upgrades kits unit cost growth | | -1,463 | |
| SWAN/CANES integration excess installation | | -2,523 | |
| **21 STRATEGIC PLATFORM SUPPORT EQUIP** | **15,836** | **14,571** | **-1,265** |
| Equipment HM&E SWS/SS alteration previously funded | | -1,265 | |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **26 ITEMS LESS THAN $5 MILLION** | **88,719** | **81,471** | **-7,248** |
| 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 | |
| **28 SUBMARINE LIFE SUPPORT SYSTEM** | **6,043** | **5,407** | **-636** |
| Low pressure electrolyzer kit cost growth | | -636 | |
| **31 DIVING AND SALVAGE EQUIPMENT** | **8,973** | **8,176** | **-797** |
| Contaminated water diving equipment unit cost growth | | -213 | |
| Submarine support system unit cost growth | | -584 | |
| **32 STANDARD BOATS** | **43,684** | **42,633** | **-1,051** |
| Prior year carryover | | -1,051 | |
| **34 OPERATING FORCES IPE** | **75,421** | **68,151** | **-7,270** |
| Shipyard capital investment program excess growth | | -7,270 | |
| **36 LCS COMMON MISSION MODULES EQUIPMENT** | **27,840** | **21,755** | **-6,085** |
| Mission bay training devices excess growth | | -6,085 | |
| **37 LCS MCM MISSION MODULES** | **57,146** | **52,324** | **-4,822** |
| ALMDS unit cost growth | | -4,822 | |
| **39 LCS SUW MISSION MODULES** | **22,466** | **13,250** | **-9,216** |
| MK-46 gun weapon system contract delays | | -9,216 | |
| **42 SPQ-9B RADAR** | **14,363** | **10,376** | **-3,987** |
| AN/SPQ-9B engineering change proposals contract delays | | -3,636 | |
| AN/SPQ-9B radar FMP kit cost growth | | -351 | |
| **51 SURTASS** | **36,136** | **33,743** | **-2,393** |
| Integrated common processor kit cost growth | | -2,393 | |
| **53 AN/SLQ-32** | **274,892** | **266,641** | **-8,251** |
| Block 3 excess support | | -4,270 | |
| Block 3T excess support | | -1,000 | |
| Block 3T installation prior year carryover | | -2,981 | |
| **54 SHIPBOARD IW EXPLOIT** | **170,733** | **169,021** | **-1,712** |
| Increment F kit cost growth | | -1,712 | |
| **55 AUTOMATED IDENTIFICATION SYSTEM (AIS)** | **958** | **764** | **-194** |
| AIS procurement unit cost growth | | -194 | |
| **57 COOPERATIVE ENGAGEMENT CAPABILITY** | **22,034** | **17,965** | **-4,069** |
| SDP processor backfits prior year carryover | | -755 | |
| Common array block antenna prior year carryover | | -3,314 | |
| **62 MINESWEEPING SYSTEM REPLACEMENT** | **56,675** | **51,241** | **-5,434** |
| SSQ-94 trainer excess growth | | -916 | |
| MSF measurement system upgrade excess growth | | -4,518 | |
| **64 NAVSTAR GPS RECEIVERS (SPACE)** | **12,752** | **7,701** | **-5,051** |
| NAVWAR kit cost growth | | -5,051 | |

| P-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **69 ASHORE ATC EQUIPMENT** | **75,068** | **71,892** | **-3,176** |
| AN/FPN-63 par tech refresh kit cost growth | | -3,176 | |
| **70 AFLOAT ATC EQUIPMENT** | **33,484** | **32,011** | **-1,473** |
| Production engineering excess growth | | -1,473 | |
| **77 NAVAL MISSION PLANNING SYSTEMS** | **14,273** | **13,910** | **-363** |
| JMPS-M flight planning seat unit cost growth | | -363 | |
| **80 TACTICAL/MOBILE C41 SYSTEMS** | **27,927** | **24,178** | **-3,749** |
| MTOC kit cost growth | | -2,986 | |
| Excess installation | | -763 | |
| **81 DCGS-N** | **12,676** | **11,610** | **-1,066** |
| DCGS-N tech refresh kit cost growth | | -526 | |
| Excess installation | | -540 | |
| **89 ITEMS LESS THAN $5 MILLION** | **58,721** | **47,664** | **-11,057** |
| Calibration standards unit cost growth | | -1,798 | |
| DBR engineering change proposals excess growth | | -5,259 | |
| AN/SPS-48G radar excess installation | | -4,000 | |
| **90 SHIPBOARD TACTICAL COMMUNICATIONS** | **17,366** | **11,497** | **-5,869** |
| DMR IW and MUOS waveforms upgrade kits previously funded | | -5,869 | |
| **91 SHIP COMMUNICATIONS AUTOMATION** | **102,479** | **101,087** | **-1,392** |
| Shore tactical assured command and control kit cost growth | | -1,392 | |
| **93 SUBMARINE BROADCAST SUPPORT** | **34,151** | **31,459** | **-2,692** |
| TACAMO unit cost growth | | -2,692 | |
| **94 SUBMARINE COMMUNICATION EQUIPMENT** | **64,529** | **62,879** | **-1,650** |
| Reliability improvements unit cost growth | | -1,650 | |
| **96 NAVY MULTIBAND TERMINAL (NMT)** | **38,365** | **33,992** | **-4,373** |
| Afloat sub kit cost growth | | -1,319 | |
| Ashore excess installation | | -3,054 | |
| **99 INFO SYSTEMS SECURITY PROGRAM (ISSP)** | **85,694** | **80,916** | **-4,778** |
| Digital voice terminal kit cost growth | | -2,289 | |
| Key management - ashore previously funded | | -2,489 | |
| **103 SONOBUOYS - ALL TYPES** | **162,588** | **157,066** | **-5,522** |
| AN/SSQ-53 unit cost growth | | -2,000 | |
| AN/SSQ-101 unit cost growth | | -1,075 | |
| AN/SSQ-125 unit cost growth | | -2,447 | |
| **105 AIRCRAFT SUPPORT EQUIPMENT** | **120,324** | **115,551** | **-4,773** |
| Lighting engineering change proposals excess growth | | -1,118 | |
| Blk I/ISNS kits excess installation | | -751 | |
| SRQ(KU)-4 kit cost growth | | -2,904 | |
| **108 AIRBORNE MINE COUNTERMEASURES** | **29,097** | **27,542** | **-1,555** |
| Modifications unjustified growth | | -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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | 1,009 | --- | --- |
| 11 | FOLLOW ON TO SMAW | --- | 24,666 | --- | 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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | --- | 68,083 | --- | -8,219 |
| | OTHER SUPPORT (NON-TEL) | | | | | | |
| 35 | COMMON COMPUTER RESOURCES | --- | 41,802 | --- | 39,477 | --- | -2,325 |
| 36 | COMMAND POST SYSTEMS | --- | 90,924 | --- | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | TACTICAL VEHICLES | | | | | | |
| 43 | MOTOR TRANSPORT MODIFICATIONS | --- | 13,292 | --- | 13,292 | --- | --- |
| 45 | JOINT LIGHT TACTICAL VEHICLE | 192 | 113,230 | 192 | 100,490 | --- | -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 | --- | 24,582 | --- | -6,941 |
| | GENERAL PROPERTY | | | | | | |
| 58 | 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 | | 1,213,872 | | -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** | **113,909** | **-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-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **41 COMMERCIAL CARGO VEHICLES** | **88,312** | **82,901** | **-5,411** |
| Commercial cargo vehicles excess growth | | -4,711 | |
| P-19R program support excess growth | | -700 | |
| **45 JOINT LIGHT TACTICAL VEHICLE** | **113,230** | **100,490** | **-12,740** |
| Test support unjustified growth | | -12,740 | |
| **48 ENVIRONMENTAL CONTROL EQUIP ASSORT** | **18** | **0** | **-18** |
| Unjustified request | | -18 | |
| **50 TACTICAL FUEL SYSTEMS** | **78** | **0** | **-78** |
| Unjustified request | | -78 | |
| **54 PHYSICAL SECURITY EQUIPMENT** | **31,523** | **24,582** | **-6,941** |
| Collateral equipment early to need | | -6,941 | |
| **60 FAMILY OF CONSTRUCTION EQUIPMENT** | **21,315** | **20,278** | **-1,037** |
| Garrison mobile engineering equipment excess growth | | -1,037 | |
| **61 FAMILY OF INTERNALLY TRANSPORTABLE VEHICLE (ITV)** | **9,654** | **9,282** | **-372** |
| Testing and FDT excess growth | | -372 | |
| **64 SPARES AND REPAIR PARTS** | **22,848** | **11,498** | **-11,350** |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | MC-130J | 6 | 548,358 | 6 | 548,358 | --- | --- |
| 9 | MC-130J (AP) | --- | 50,000 | --- | 50,000 | --- | --- |
| | TOTAL, AIRLIFT AIRCRAFT | | 3,966,180 | | 3,883,480 | | -82,700 |
| | OTHER AIRCRAFT | | | | | | |
| | HELICOPTERS | | | | | | |
| 10 | UH-1N 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 | 114,656 | 41 | 114,656 | --- | --- |
| 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | MODIFICATION OF INSERVICE AIRCRAFT | | | | | | |
| | STRATEGIC AIRCRAFT | | | | | | |
| 16 | B-2A | --- | 46,729 | --- | 46,729 | --- | --- |
| 17 | B-1B | --- | 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 | --- | --- |
| 29 | 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 MODS | --- | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | 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 | --- | 157,868 | --- | +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 | --- | 73,286 | --- | -9,500 |
| 48 | E-4 | --- | 53,348 | --- | 53,348 | --- | --- |
| 49 | E-8 | --- | 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 | MQ-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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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** | **4,401,894** | **4,753,894** | **352,000** |
| | Program increase - five aircraft | | 565,000 | |
| | Program efficiencies | | -213,000 | |
| 3 | **KC-46** | **2,884,591** | **2,801,891** | **-82,700** |
| | Program excess - ECO | | -60,000 | |
| | MTS ahead of need | | -22,700 | |
| 12 | **CIVIL AIR PATROL (CAP) AIRCRAFT** | **2,637** | **10,337** | **7,700** |
| | Program increase | | 7,700 | |
| 17 | **B-1B** | **116,319** | **109,319** | **-7,000** |
| | IBS - excess NRE/ECO | | -7,000 | |
| 22 | **F-16** | **97,331** | **124,731** | **27,400** |
| | Fully fund AESA radar upgrades | | 27,400 | |
| 30 | **C-21** | **5,439** | **439** | **-5,000** |
| | Unobligated balances | | -5,000 | |
| 35 | **T-1** | **25,073** | **13,373** | **-11,700** |
| | Production schedule slip | | -11,700 | |
| 36 | **T-38** | **45,090** | **22,090** | **-23,000** |
| | Pacer Classic installs ahead of need | | -23,000 | |
| 42 | **C-130** | **9,168** | **157,868** | **148,700** |
| | Eight-blade propeller upgrade | | 64,000 | |
| | Electronic propeller control system | | 25,600 | |
| | In-flight propeller balancing system | | 17,600 | |
| | Engine enhancement program | | 41,500 | |
| 46 | **RC-135** | **211,438** | **217,238** | **5,800** |
| | Rivet Joint baseline shortfall | | 5,800 | |
| 47 | **E-3** | **82,786** | **73,286** | **-9,500** |
| | DRAGON - defer first kit procurement | | -9,500 | |
| 49 | **E-8** | **6,244** | **25,944** | **19,700** |
| | PME-DMS | | 19,700 | |
| 54 | **H-60** | **91,357** | **86,357** | **-5,000** |
| | Gun replacement | | -5,000 | |
| 61 | **INITIAL SPARES AND REPAIR PARTS** | **686,491** | **646,491** | **-40,000** |
| | MQ-9 spares underexecution | | -40,000 | |
| 70 | **F-16 POST PRODUCTION SUPPORT** | **15,155** | **39,955** | **24,800** |
| | F-16 mission training center simulators | | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | MISSILE PROCUREMENT, AIR FORCE | | | | | | |
| | BALLISTIC MISSILES | | | | | | |
| | MISSILE REPLACEMENT EQUIPMENT - BALLISTIC | | | | | | |
| 1 | MISSILE REPLACEMENT EQ-BALLISTIC | --- | 70,247 | --- | 39,198 | --- | -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 (LRASMO) | 20 | 59,511 | 20 | 59,511 | --- | --- |
| 4 | SIDEWINDER (AIM-9X) | 287 | 127,438 | 287 | 127,438 | --- | --- |
| 5 | AMRAAM | 256 | 350,144 | 256 | 337,844 | --- | -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 MAVERICK | --- | 282 | --- | 282 | --- | --- |
| 13 | AIR LAUNCH CRUISE MISSILE | --- | 21,762 | --- | 21,762 | --- | --- |
| 14 | SMALL DIAMETER BOMB | --- | 15,349 | --- | 15,349 | --- | --- |
| | 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 | | | | | | |
| 30 | SPECIAL UPDATE PROGRAMS | --- | 46,125 | --- | 46,125 | --- | --- |
| | CLASSIFIED PROGRAMS | --- | 1,009,431 | --- | 945,931 | --- | -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** | **70,247** | **39,198** | **-31,049** |
| | TERP program delays | | -31,049 | |
| 2 | **JASSM** | **431,645** | **411,645** | **-20,000** |
| | Production delays | | -20,000 | |
| 5 | **AMRAAM** | **350,144** | **337,844** | **-12,300** |
| | Pricing adjustment | | -12,300 | |
| 15 | **INITIAL SPARES/REPAIR PARTS** | **81,607** | **70,607** | **-11,000** |
| | Unjustified growth | | -11,000 | |
| 999 | **CLASSIFIED PROGRAMS** | **1,009,431** | **945,931** | **-63,500** |
| | Classified adjustment | | -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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SPACE PROCUREMENT, AIR FORCE | | | | | | |
| | SPACE PROGRAMS | | | | | | |
| 1 | ADVANCED EHF | --- | 645,569 | --- | 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 | WIDEBAND 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 (COMSEC) | --- | 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 | | 2,538,152 | | -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 | 42,375 | 37,375 | -5,000 |
| | Unjustified request | | -5,000 | |
| 4 | FAMILY OF BEYOND LINE OF SIGHT TERMINALS | 88,963 | 81,272 | -7,691 |
| | Unjustified request | | -7,691 | |
| 5 | WIDEBAND GAPFILLER SATELLITES | 86,272 | 81,272 | -5,000 |
| | Unjustified request | | -5,000 | |
| 8 | SPACEBORNE EQUIPMENT | 46,708 | 31,708 | -15,000 |
| | Unjustified request | | -15,000 | |
| 9 | GLOBAL POSITIONING SATELLITES SPACE AND CONTROL | 13,171 | 10,271 | -2,900 |
| | Unjustified request | | -2,900 | |
| 11 | EVOLVED EXPENDABLE LAUNCH CAPABILITY | 768,586 | 585,586 | -183,000 |
| | Early to need | | -183,000 | |
| 12 | EVOLVED EXPENDABLE LAUNCH VEHICLE | 737,853 | 442,853 | -295,000 |
| | Early to need | | -295,000 | |
| 16 | SPACELIFT RANGE SYSTEM | 123,088 | 121,088 | -2,000 |
| | Unjustified request | | -2,000 | |
| 17 | SPARE AND REPAIR PARTS | 22,606 | 20,606 | -2,000 |
| | Unjustified request | | -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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | PROCUREMENT OF AMMUNITION, AIR FORCE | | | | | | |
| | PROCUREMENT OF AMMO, AIR FORCE | | | | | | |
| 1 | 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 | --- | 581,561 | --- | 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]

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 2 | **CARTRIDGES** | **220,237** | **224,237** | **4,000** |
| | PGU-48 unit cost | | -2,000 | |
| | PGU-27 | | 6,000 | |
| 4 | **GENERAL PURPOSE BOMBS** | **581,561** | **530,561** | **-51,000** |
| | BLU-134 ahead of need | | -80,000 | |
| | BLU-129 (VLCDW) | | 29,000 | |
| 6 | **JOINT DIRECT ATTACK MUNITION (JDAM)** | **303,988** | **297,988** | **-6,000** |
| | Pricing adjustment for increased quantity | | -6,000 | |
| 13 | **FUZES** | **229,252** | **214,252** | **-15,000** |
| | 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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 THAT $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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SPECIAL COMM-ELECTRONICS PROJECTS | | | | | | |
| 26 | 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-WPN SYSTEM | --- | 15,474 | --- | 15,474 | --- | --- |
| 38 | AIR OPERATIONS CENTER (AOC) | --- | 30,623 | --- | 8,180 | --- | -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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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 | 984 | 1,684 | 700 |
| | Program increase | | 700 | |
| 33 | C3 COUNTERMEASURES | 19,580 | 14,580 | -5,000 |
| | Unjustified increase | | -5,000 | |
| 38 | AOC 10.2 | 30,623 | 8,180 | -22,443 |
| | Fielding | | -22,443 | |
| 63 | MOBILITY EQUIPMENT | 8,146 | 18,146 | 10,000 |
| | Program increase | | 10,000 | |
| 999 | CLASSIFIED PROGRAMS | 15,119,705 | 15,040,705 | -79,000 |
| | Classified adjustment | | -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 QTY | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST 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, DLA | | | | | | |
| 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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | MAJOR EQUIPMENT, MDA | | | | | | |
| 23 | THAAD SYSTEM | 24 | 369,608 | 24 | 330,344 | --- | -39,264 |
| 24 | AEGIS BMD | 35 | 463,801 | 35 | 463,801 | --- | --- |
| 25 | BMDS 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, WHS | | | | | | |
| 40 | MAJOR EQUIPMENT, WHS | --- | 24,979 | --- | 24,979 | --- | --- |
| | TOTAL, MAJOR EQUIPMENT | | 2,052,684 | | 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 | --- | --- |
| | MH-47 CHINOOK | --- | 25,022 | --- | 25,022 | --- | --- |
| 48 | CV-22 SOF MODIFICATION | --- | 19,008 | --- | 19,008 | --- | --- |
| 50 | MQ-9 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 | BUDGET REQUEST AMOUNT | COMMITTEE RECOMMENDED QTY | COMMITTEE RECOMMENDED AMOUNT | CHANGE FROM REQUEST QTY | CHANGE FROM REQUEST AMOUNT |
|---|---|---|---|---|---|---|---|
| | SHIPBUILDING | | | | | | |
| 55 | UNDERWATER SYSTEMS | --- | 37,098 | --- | 37,098 | --- | --- |
| | AMMUNITION PROGRAMS | | | | | | |
| 56 | SOF ORDNANCE ITEMS UNDER $5,000,000 | --- | 105,267 | --- | 105,267 | --- | --- |
| | OTHER PROCUREMENT PROGRAMS | | | | | | |
| 57 | SOF INTELLIGENCE SYSTEMS | --- | 79,963 | --- | 79,963 | --- | --- |
| 58 | DCGS-SOF | --- | 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 |
| | CHEMICAL/BIOLOGICAL DEFENSE | | | | | | |
| 74 | 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 | | 4,649,876 | | +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 |
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 29 | 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 | 18,969 | 18,969 | --- |
| 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 | 930,065 | 1,130,065 | +200,000 |

(DOLLARS IN THOUSANDS)

| | | BUDGET REQUEST | COMMITTEE RECOMMENDED | CHANGE FROM REQUEST |
|---|---|---|---|---|
| | DEMONSTRATION & VALIDATION | | | |
| 54 | 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 | 15,730 | 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 | AMF JOINT TACTICAL RADIO SYSSTEM | 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 |
|---|---|---|---|---|
| | RDT&E MANAGEMENT SUPPORT | | | |
| 137 | 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 | 3,638 | 3,638 | --- |
| 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 | WWMCCS/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]

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 4 | UNIVERSITY AND INDUSTRY RESEARCH CENTERS | 94,280 | 99,280 | 5,000 |
| | Materials in extreme dynamic environments | | 5,000 | |
| 5 | MATERIALS TECHNOLOGY | 31,533 | 51,533 | 20,000 |
| | High performance polymers research | | 20,000 | |
| 9 | ELECTRONIC WARFARE TECHNOLOGY | 25,466 | 35,466 | 10,000 |
| | Program increase | | 10,000 | |
| 10 | MISSILE TECHNOLOGY | 44,313 | 52,813 | 8,500 |
| | Weapon effectiveness in urban engagement | | 8,500 | |
| 11 | ADVANCED WEAPONS TECHNOLOGY | 28,803 | 38,803 | 10,000 |
| | Program increase | | 10,000 | |
| 17 | WEAPONS AND MUNITIONS TECHNOLOGY | 53,581 | 90,081 | 36,500 |
| | 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 | |
| 18 | ELECTRONICS AND ELECTRONIC DEVICES | 56,322 | 62,322 | 6,000 |
| | Tactical and component power technology | | 2,000 | |
| | Payload agnostic unmanned aerial systems | | 4,000 | |
| 27 | WARFIGHTER TECHNOLOGY | 37,403 | 48,403 | 11,000 |
| | H98 clothing and equipment | | 5,000 | |
| | Advanced active environmental control technology for expeditionary mobile base | | 6,000 | |
| 28 | MEDICAL TECHNOLOGY | 77,111 | 79,111 | 2,000 |
| | Military operational medical research program | | 2,000 | |
| 30 | MEDICAL ADVANCED TECHNOLOGY | 68,365 | 99,365 | 31,000 |
| | Peer-reviewed neurotoxin exposure treatment Parkinson's research | | 16,000 | |
| | Peer-reviewed neurofibromatosis research | | 15,000 | |
| 31 | AVIATION ADVANCED TECHNOLOGY | 94,280 | 112,280 | 18,000 |
| | Ballistic seating system | | 7,000 | |
| | Future Vertical Lift | | 11,000 | |
| 32 | WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY | 68,714 | 159,214 | 90,500 |
| | 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 | |
| 33 | COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY | 122,132 | 138,132 | 16,000 |
| | 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 | 85,690 | 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 | |
| 48 | 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 | |
| 73 | CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT | 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 | |
| 91 | AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD | 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 | |
| 102 | ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE | 205,590 | 213,090 | 7,500 |
| | Solider borne sensor personal reconnaissance technology | | 7,500 | |
| 122 | AIRCRAFT SURVIVABILITY DEVELOPMENT | 41,133 | 51,133 | 10,000 |
| | Modernized radar warning system | | 10,000 | |
| 126 | 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 |
|---|---|---|---|---|
| 145 | **ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS** | **52,404** | **62,404** | **10,000** |
| | Cybersecurity of space and missile defense assets | | 10,000 | |
| 156 | **MUNITIONS STANDARDIZATION, EFFECTIVENESS AND 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 solider 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 wideband 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 | 81,618 | +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 | 87,066 | 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 | 14,590 | 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 - MIP | 9,110 | 9,110 | --- |
| 89 | ELECTRONIC WARFARE DEVELOPMENT - MIP | 437 | 437 | --- |
| | TOTAL, DEMONSTRATION & VALIDATION | 4,662,867 | 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 HAWKEYE | 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..... | 531,426 | 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 | 152,220 | -30,000 |
| 156 | DDG-1000 | 45,642 | 45,642 | --- |
| 159 | TACTICAL COMMAND SYSTEM - MIP | 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 |
|---|---|---|---|---|
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 188 | 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 | 48,635 | 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 | 13,194 | 11,700 | -1,494 |
| 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 (MIP) | 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]

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **5 FORCE PROTECTION APPLIED RESEARCH** | **158,745** | **166,745** | **8,000** |
| Program increase | | 5,000 | |
| Program increase - battery storage and safety | | 3,000 | |
| **6 MARINE CORPS LANDING FORCE TECHNOLOGY** | **51,590** | **49,765** | **-1,825** |
| Littoral combat/power projection unjustified growth | | -1,825 | |
| **9 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH** | **118,941** | **119,441** | **500** |
| 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 | |
| **10 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH** | **42,618** | **81,618** | **39,000** |
| 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 | |
| **13 FUTURE NAVAL CAPABILITIES APPLIED RESEARCH** | **165,103** | **157,103** | **-8,000** |
| FORCENET excess growth | | -5,000 | |
| Power and energy previously funded efforts | | -2,000 | |
| Sea shield previously funded efforts | | -1,000 | |
| **16 POWER PROJECTION ADVANCED TECHNOLOGY** | **96,406** | **76,606** | **-19,800** |
| Precision strike technology excess growth | | -19,800 | |
| **17 FORCE PROTECTION ADVANCED TECHNOLOGY** | **48,438** | **45,338** | **-3,100** |
| Aircraft technology excess growth | | -3,100 | |
| **21 FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV** | **249,092** | **252,092** | **3,000** |
| Power and energy previously funded efforts | | -2,000 | |
| Sea shield previously funded efforts | | -2,000 | |
| Program increase - ASW research | | 7,000 | |
| **23 WARFIGHTER PROTECTION ADVANCED TECHNOLOGY** | **4,789** | **40,789** | **36,000** |
| Program increase - bone marrow registry program | | 31,500 | |
| Tactical athlete program - transfer from OM,DW | | 4,500 | |
| **25 NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS** | **60,550** | **59,550** | **-1,000** |
| Operations analysis unjustified growth | | -1,000 | |
| **26 MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY** | **15,167** | **11,167** | **-4,000** |
| Mine technology excess growth | | -4,000 | |
| **27 AIR/OCEAN TACTICAL APPLICATIONS** | **48,536** | **42,718** | **-5,818** |
| 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 |
|---|---|---|---|
| **33 ADVANCED COMBAT SYSTEMS TECHNOLOGY** | **57,034** | **15,496** | **-41,538** |
| Rapid prototype development excess growth | | -30,267 | |
| Unmanned rapid prototype development excess growth | | -11,271 | |
| **34 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES** | **165,775** | **141,569** | **-24,206** |
| 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 | |
| **35 SURFACE SHIP TORPEDO DEFENSE** | **87,066** | **71,553** | **-15,513** |
| Long lead material early to need | | -15,513 | |
| **42 ADVANCED SUBMARINE SYSTEM DEVELOPMENT** | **100,565** | **93,023** | **-7,542** |
| Flank array demonstration unjustified growth | | -450 | |
| Stealth product development excess growth | | -2,500 | |
| Universal launch and recovery module excess growth | | -4,592 | |
| **44 SHIP CONCEPT ADVANCED DESIGN** | **14,590** | **12,090** | **-2,500** |
| Cybersecurity technologies prior year carryover | | -2,500 | |
| **45 SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES** | **15,805** | **9,636** | **-6,169** |
| Shipboard energy conservation excess growth | | -6,169 | |
| **47 ADVANCED SURFACE MACHINERY SYSTEMS** | **36,655** | **26,858** | **-9,797** |
| Energy efficiency previously funded efforts | | -1,797 | |
| Cybersecurity boundary defense capability excess growth | | -8,000 | |
| **49 LITTORAL COMBAT SHIP (LCS)** | **51,630** | **61,630** | **10,000** |
| Program increase - small business technology insertion | | 10,000 | |
| **52 LITTORAL COMBAT SHIP (LCS) MISSION MODULES** | **160,058** | **151,608** | **-8,450** |
| System test and evaluation prior year carryover | | -6,450 | |
| Mine countermeasures mission package terminated program | | -2,000 | |
| **53 AUTOMATED TEST AND RE-TEST** | **0** | **15,000** | **15,000** |
| Program increase | | 15,000 | |
| **54 FRIGATE DEVELOPMENT** | **84,900** | **81,900** | **-3,000** |
| Support excess growth | | -3,000 | |
| **56 MARINE CORPS ASSAULT VEHICLES** | **158,682** | **138,762** | **-19,920** |
| Product development prior year carryover | | -19,920 | |
| **58 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT** | **46,911** | **40,131** | **-6,780** |
| EOD robotics increment 2 early to need | | -2,000 | |
| VSW MCM next generation UUV early to need | | -4,780 | |
| **61 ENVIRONMENTAL PROTECTION** | **20,343** | **19,121** | **-1,222** |
| Environmental sustainability development excess growth | | -1,222 | |
| **62 NAVY ENERGY PROGRAM** | **52,479** | **50,468** | **-2,011** |
| 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 | 323,526 | 314,776 | -8,750 |
| Program reduction | | -8,750 | |
| 71 NATO RESEARCH AND DEVELOPMENT | 9,867 | 8,567 | -1,300 |
| Cooperative research and development unjustified growth | | -1,300 | |
| 74 JOINT PRECISION APPROACH AND LANDING SYSTEMS | 104,144 | 102,722 | -1,422 |
| UCLASS test support unjustified request | | -1,422 | |
| 76 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER | 70,528 | 58,744 | -11,784 |
| EMALS unjustified growth | | -11,784 | |
| 78 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES | 34,920 | 26,920 | -8,000 |
| CIRCM schedule delays | | -8,000 | |
| 82 ADVANCED UNDERSEA PROTOTYPING | 78,589 | 18,589 | -60,000 |
| Excess growth | | -60,000 | |
| 85 SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT | 23,971 | 16,401 | -7,570 |
| Systems engineering standards and processes excess growth | | -4,250 | |
| Maritime concept generation and development excess growth | | -3,320 | |
| 86 OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT | 252,409 | 240,305 | -12,104 |
| Product development prior year carryover | | -10,066 | |
| Increment II early to need | | -2,038 | |
| 87 JOINT LIGHT TACTICAL VEHICLE ENGINEERING/MANUFACTURING | 23,197 | 9,397 | -13,800 |
| Prior year carryover | | -13,800 | |
| 90 TRAINING SYSTEM AIRCRAFT | 19,938 | 17,938 | -2,000 |
| T-45 schedule delays | | -2,000 | |
| 91 OTHER HELO DEVELOPMENT | 6,268 | 5,968 | -300 |
| H-53 avionics previously funded | | -300 | |
| 92 AV-8B AIRCRAFT - ENG DEV | 33,664 | 32,664 | -1,000 |
| Support carryover | | -1,000 | |
| 97 WARFARE SUPPORT SYSTEM | 13,237 | 11,537 | -1,700 |
| Navy irregular warfare excess growth | | -1,700 | |
| 99 ADVANCED HAWKEYE | 363,792 | 311,947 | -51,845 |
| Mode 5/S previously funded | | -225 | |
| New start efforts excess growth | | -8,389 | |
| ALQ-217 upgrade - defer new start effort | | -27,799 | |
| Frequency remapping - defer new start effort | | -15,432 | |
| 101 ACOUSTIC SEARCH SENSORS | 34,525 | 29,525 | -5,000 |
| Multi-static active coherent schedule delays | | -5,000 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **102 V-22A** | **174,423** | **156,197** | **-18,226** |
| Refueling system development excess growth | | -9,752 | |
| Hardware development airframe excess growth | | -8,474 | |
| **104 EA-18** | **116,761** | **89,718** | **-27,043** |
| Design and avionics integration excess growth | | -15,212 | |
| Developmental and operational testing excess growth | | -2,317 | |
| Flight plan excess growth | | -9,514 | |
| **105 ELECTRONIC WARFARE DEVELOPMENT** | **48,766** | **39,378** | **-9,388** |
| Jammer techniques optimization cost growth | | -3,000 | |
| Technology development unjustified new start | | -2,016 | |
| Intrepid Tiger II excess growth | | -4,372 | |
| **107 NEXT GENERATION JAMMER (NGJ)** | **577,822** | **545,822** | **-32,000** |
| Hardware development contract award delay | | -32,000 | |
| **109 NEXT GENERATION JAMMER (NGJ) INCREMENT II** | **52,065** | **42,065** | **-10,000** |
| Program growth | | -10,000 | |
| **110 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING** | **282,764** | **275,764** | **-7,000** |
| AEGIS baseline 5.3X upgrade excess growth | | -10,000 | |
| Program increase - small business technology insertion | | 3,000 | |
| **112 SMALL DIAMETER BOMB (SDB)** | **97,622** | **91,622** | **-6,000** |
| F-18 integration test asset cost growth | | -6,000 | |
| **113 STANDARD MISSILE IMPROVEMENTS** | **120,561** | **105,561** | **-15,000** |
| SM-6 prior year carryover | | -15,000 | |
| **114 AIRBORNE MCM** | **45,622** | **35,494** | **-10,128** |
| ALMDS excess growth | | -5,200 | |
| Medal, tactics and training organic force excess growth | | -4,928 | |
| **118 ADVANCED ABOVE WATER SENSORS** | **85,868** | **64,243** | **-21,625** |
| Advanced radar technology systems engineering prior year carryover | | -15,300 | |
| Advanced radar technology support carryover | | -6,325 | |
| **119 SSN-688 AND TRIDENT MODERNIZATION** | **117,476** | **116,476** | **-1,000** |
| Towed buoy antenna previously funded efforts | | -1,000 | |
| **120 AIR CONTROL** | **47,404** | **44,858** | **-2,546** |
| AN/SPN-50 cost growth | | -2,546 | |
| **121 SHIPBOARD AVIATION SYSTEMS** | **112,158** | **103,158** | **-9,000** |
| CVN launch and recover schedule delays | | -9,000 | |
| **124 NEW DESIGN SSN** | **113,013** | **123,013** | **10,000** |
| Program increase - small business technology insertion | | 10,000 | |
| **125 SUBMARINE TACTICAL WARFARE SYSTEM** | **43,160** | **52,160** | **9,000** |
| Program increase - advanced weapons enhanced by submarine unmanned aerial system against mobile targets | | 9,000 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **126 SHIP CONTRACT DESIGN/LIVE FIRE T&E** | **65,002** | **55,752** | **-9,250** |
| LHA flight 0 design and total ship integration previously funded efforts | | -2,000 | |
| CVN 80 total ship integration excess growth | | -7,250 | |
| **130 LIGHTWEIGHT TORPEDO DEVELOPMENT** | **20,178** | **30,178** | **10,000** |
| Program increase - small business technology insertion | | 10,000 | |
| **135 SHIP SELF DEFENSE (ENGAGE: HARD KILL)** | **114,475** | **103,875** | **-10,600** |
| Evolved seasparrow testing prior year carryover | | -1,500 | |
| Block II excess growth | | -14,100 | |
| Program increase - electronics enclosure redesign efforts | | 5,000 | |
| **136 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)** | **114,211** | **108,889** | **-5,322** |
| EW RCIP unjustified growth | | -2,322 | |
| Decoy development effort unjustified growth | | -3,000 | |
| **137 INTELLIGENCE ENGINEERING** | **11,029** | **6,029** | **-5,000** |
| Excess growth | | -5,000 | |
| **138 MEDICAL DEVELOPMENT** | **9,220** | **25,220** | **16,000** |
| Program increase - military dental research | | 6,000 | |
| Program increase - wound care research | | 10,000 | |
| **139 NAVIGATION/ID SYSTEM** | **42,723** | **36,723** | **-6,000** |
| ISIS and photonics common software and hardware capabilities prior year carryover | | -3,000 | |
| NAVSTAR GPS equipment excess support growth | | -3,000 | |
| **142 JSF FOLLOW ON DEVELOPMENT-MARINE CORPS** | **74,227** | **71,977** | **-2,250** |
| Follow-on development excess funds | | -2,250 | |
| **143 JSF FOLLOW ON DEVELOPMENT-NAVY** | **63,387** | **61,137** | **-2,250** |
| Follow-on development excess funds | | -2,250 | |
| **145 INFORMATION TECHNOLOGY DEVELOPMENT** | **97,066** | **85,396** | **-11,670** |
| Excess support growth | | -1,800 | |
| NAVSEA IT excess growth | | -4,470 | |
| BUPERS IT excess growth | | -5,400 | |
| **146 ANTI-TAMPER TECHNOLOGY SUPPORT** | **2,500** | **0** | **-2,500** |
| Unjustified request | | -2,500 | |
| **147 CH-53K** | **404,810** | **373,297** | **-31,513** |
| Program delay | | -31,513 | |
| **149 COMMON AVIONICS** | **51,599** | **41,678** | **-9,921** |
| CNS/ATM prior year carryover | | -2,087 | |
| TAWS II schedule slip | | -7,834 | |
| **152 CARRIER BASED AERIAL REFUELING SYSTEM (CBARS)** | **89,000** | **76,422** | **-12,578** |
| Air segment product development early to need | | -12,578 | |
| **154 MULTI-MISSION MARITIME AIRCRAFT (MMA)** | **59,126** | **59,201** | **75** |
| Program execution | | -9,925 | |
| Program increase - small business technology insertion | | 10,000 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| MULTI-MISSION MARITIME AIRCRAFT (MMA) | | | |
| 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 | |
| MANAGEMENT, TECHNICAL & INTERNATIONAL | | | |
| 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 | |
| TOMAHAWK AND TOMAHAWK MISSION PLANNING | | | |
| 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 | |
| **212 COMMON AVIATION COMMAND AND CONTROL 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** | **77,965** | **57,965** | **-20,000** |
| Excess growth | | -20,000 | |
| **241 RQ-4 MODERNIZATION** | **181,266** | **178,716** | **-2,550** |
| Test and evaluation excess growth | | -2,550 | |
| **999 CLASSIFIED PROGRAMS** | **1,228,460** | **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 | 94,594 | 94,594 | --- |
| 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 |
| | ADVANCED COMPONENT DEVELOPMENT | | | |
| 27 | 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 | 108,663 | 103,663 | -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 |
|---|---|---|---|---|
| | ENGINEERING & MANUFACTURING DEVELOPMENT | | | |
| 54 | 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 MILSATCOM (SPACE) | 259,131 | 229,131 | -30,000 |
| 81 | POLAR MILSATCOM (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 |
|---|---|---|---|---|
| | RDT&E MANAGEMENT SUPPORT | | | |
| 92 | 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/MC-130 RECAP RDT&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 | MQ-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 | 21,902 | -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 (GATM) | 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 | JSPOC MISSION SYSTEM | 72,889 | 72,889 | --- |
| 217 | RAPID CYBER ACQUISITION | 4,280 | 4,280 | --- |
| 218 | NCMC -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 (NON-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]

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 2 | UNIVERSITY RESEARCH INITIATIVES | 145,044 | 150,044 | 5,000 |
| | Program increase | | 5,000 | |
| 4 | MATERIALS | 126,152 | 139,152 | 13,000 |
| | Program increase - electronics, optics and survivability | | 8,000 | |
| | Program increase - structures, propulsion, and subsystems | | 5,000 | |
| 5 | AEROSPACE VEHICLE TECHNOLOGIES | 122,831 | 132,831 | 10,000 |
| | Program increase | | 10,000 | |
| 7 | AEROSPACE PROPULSION | 185,671 | 190,671 | 5,000 |
| | Program increase | | 5,000 | |
| 8 | AEROSPACE SENSORS | 155,174 | 159,174 | 4,000 |
| | Program increase | | 4,000 | |
| 23 | CONVENTIONAL WEAPONS TECHNOLOGY | 102,009 | 107,009 | 5,000 |
| | Program increase | | 5,000 | |
| 25 | MANUFACTURING TECHNOLOGY PROGRAM | 46,344 | 56,344 | 10,000 |
| | Program increase | | 10,000 | |
| 33 | ICBM DEM/VAL | 108,663 | 103,663 | -5,000 |
| | Program growth | | -5,000 | |
| 38 | HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) | 74,308 | 54,708 | -19,600 |
| | Improved GPS | | -19,600 | |
| 39 | WEATHER SYSTEM FOLLOW-ON | 118,953 | 88,953 | -30,000 |
| | Unjustified request | | -30,000 | |
| | Commercial weather pilot program | | 5,000 | |
| | NRO weather study | | -5,000 | |
| 54 | ELECTRONIC WARFARE DEVELOPMENT | 12,476 | 9,176 | -3,300 |
| | Improved GPS | | -3,300 | |
| 57 | SMALL DIAMETER BOMB | 54,838 | 47,038 | -7,800 |
| | Improved GPS | | -7,800 | |
| 62 | SBIRS HIGH | 181,966 | 161,966 | -20,000 |
| | Unjustified request | | -20,000 | |
| 65 | AGILE COMBAT SUPPORT | 53,680 | 38,680 | -15,000 |
| | CE readiness - forward financing | | -15,000 | |
| 76 | KC-46 | 261,724 | 229,924 | -31,800 |
| | EMD funds excess to need (ECO) | | -31,800 | |
| 77 | ADVANCED PILOT TRAINING | 12,377 | 7,377 | -5,000 |
| | EMD schedule slip | | -5,000 | |
| 78 | COMBAT RESCUE HELICOPTER (HH-60 RECAP) | 319,331 | 304,331 | -15,000 |
| | Forward financing | | -15,000 | |
| 80 | ADVANCED EHF MILSATCOM (SPACE) | 259,131 | 229,131 | -30,000 |
| | Unjustified request | | -30,000 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| 81 POLAR MILSATCOM (SPACE) | 50,815 | 45,815 | -5,000 |
| Unjustified request | | -5,000 | |
| 82 WIDEBAND GLOBAL SATCOM (SPACE) | 41,632 | 49,632 | 8,000 |
| Unjustified request | | -2,000 | |
| COMSATCOM pilot program | | 10,000 | |
| 84 B-2 DEFENSIVE MANAGEMENT SYSTEM | 315,615 | 289,015 | -26,600 |
| EMD excess funding | | -26,600 | |
| 85 NUCLEAR WEAPONS MODERNIZATION | 137,909 | 124,409 | -13,500 |
| Carryover | | -13,500 | |
| 86 F-15 EPAWSS | 256,669 | 244,669 | -12,000 |
| Excess funds | | -12,000 | |
| 88 COMBAT SURVIVOR EVADER LOCATOR | 29,253 | 19,253 | -10,000 |
| Insufficient justification | | -10,000 | |
| 91 AUTOMATED TEST SYSTEMS | 19,062 | 14,562 | -4,500 |
| Program growth | | -4,500 | |
| 97 TEST AND EVALUATION SUPPORT | 661,417 | 667,417 | 6,000 |
| Projected shortfall | | 6,000 | |
| 104 SPACE AND MISSILE CENTER CIVILIAN WORKFORCE | 176,666 | 180,666 | 4,000 |
| Review NATO ally launch services | | 4,000 | |
| 121 B-1B SQUADRONS | 5,830 | 3,930 | -1,900 |
| Improved GPS | | -1,900 | |
| 122 B-2 SQUADRONS | 152,458 | 122,458 | -30,000 |
| AEHF Strategic Comms | | -30,000 | |
| 123 MINUTEMAN SQUADRONS | 182,958 | 178,958 | -4,000 |
| ASU excess funds | | -4,000 | |
| 131 MQ-9 | 151,373 | 141,973 | -9,400 |
| Program growth | | -9,400 | |
| 137 F-22 SQUADRONS | 387,564 | 379,464 | -8,100 |
| Improved GPS | | -8,100 | |
| 138 F-35 SQUADRONS | 153,045 | 147,545 | -5,500 |
| Follow-on development - excess funds | | -5,500 | |
| 148 JASSM | 30,002 | 21,902 | -8,100 |
| Improved GPS | | -8,100 | |
| 149 AIR AND SPACE OPERATIONS CENTER | 37,621 | 25,321 | -12,300 |
| Weapon system modification | | -12,300 | |
| 154 COMBAT AIR INTELLIGENCE SYSTEM | 10,911 | 15,911 | 5,000 |
| Program increase | | 5,000 | |
| 175 SPACE SUPERIORITY INTELLIGENCE | 13,880 | 12,380 | -1,500 |
| Insufficient justification | | -1,500 | |
| 176 E-4B NAOC | 30,948 | 26,048 | -4,900 |
| Recap - excess funds | | -4,900 | |

| R-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| **178 MEECN** | **47,471** | **40,171** | **-7,300** |
| GASNT Incr 2 - excess funds | | -7,300 | |
| **188 SATELLITE CONTROL NETWORK (SPACE)** | **15,624** | **14,624** | **-1,000** |
| Underexecution | | -1,000 | |
| **200 SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT** | **3,070** | **1,570** | **-1,500** |
| Insufficient justification | | -1,500 | |
| **205 AIRBORNE RECONNAISSANCE SYSTEMS** | **3,841** | **18,841** | **15,000** |
| Wide area surveillance | | 15,000 | |
| **228 KC-10** | **0** | **3,500** | **3,500** |
| Continue Mode 5 program | | 3,500 | |
| **999 CLASSIFIED PROGRAMS** | **13,091,557** | **12,342,257** | **-749,300** |
| Classified adjustment | | -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 |
|---|---|---|---|---|
| | ADVANCED TECHNOLOGY DEVELOPMENT | | | |
| 23 | 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 | CWMD SYSTEMS | 44,836 | 21,236 | -23,600 |
| 67 | SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT | 61,620 | 61,620 | --- |
| | TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT | 3,190,666 | 3,324,260 | +133,594 |
| | DEMONSTRATION & VALIDATION | | | |
| 68 | 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 | 959,066 | 929,066 | -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 | 53,123 | -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 (LBSM3) | 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..... | 26,657 | 26,657 | --- |
| 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 | --- |
| | RDT&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 | 67,080 | -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 | --- |
| 158 | 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 |
| | OPERATIONAL SYSTEMS DEVELOPMENT | | | |
| 181 | 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 (IMD) | 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 | MQ-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 |
|---|---|---|---|---|
| 6 | HISTORICALLY BLACK COLLEGES & UNIVERSITIES (HBCU) | 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 | |
| 25 | COMBATING TERRORISM TECHNOLOGY SUPPORT | 73,002 | 115,702 | 42,700 |
| | Program increase - Israeli 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 | |
| 42 | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - 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 | |
| 49 | EMERGING CAPABILITIES TECHNOLOGY 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 | 7,848 | 5,348 | -2,500 |
| | Prior year carryover | | -2,500 | |
| 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 | |
| 66 | CWMD SYSTEMS | 44,836 | 21,236 | -23,600 |
| | Program decrease | | -23,600 | |
| 73 | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT | 206,834 | 201,834 | -5,000 |
| | THAAD development previously funded efforts | | -5,000 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 74 | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT | 862,080 | 917,080 | 55,000 |
| | Systems engineering and program management software delays | | -10,000 | |
| | Program increase - ground systems communication modernization and fire control software upgrades | | 65,000 | |
| 76 | BALLISTIC MISSILE DEFENSE SENSORS | 230,077 | 221,977 | -8,100 |
| | LRDR program office - transfer to line 104 | | -8,100 | |
| 78 | SPECIAL PROGRAMS - MDA | 321,607 | 304,707 | -16,900 |
| | Program reduction | | -16,900 | |
| 79 | AEGIS BMD | 959,066 | 929,066 | -30,000 |
| | Aegis BMD 6.x development excess growth | | -10,000 | |
| | SM-3 IIA development excess growth | | -20,000 | |
| 82 | BALLISTIC MISSILE DEFENSE C2BMC | 439,617 | 429,378 | -10,239 |
| | Development and deployment unauthorized prior year funding | | -7,239 | |
| | Communications unjustified growth | | -3,000 | |
| 86 | SEA BASED X-BAND RADAR (SBX) | 68,787 | 65,787 | -3,000 |
| | Test previously completed | | -3,000 | |
| 87 | ISRAELI COOPERATIVE PROGRAMS | 103,835 | 268,735 | 164,900 |
| | Israeli Upper Tier | | 29,100 | |
| | Israeli Arrow program | | 56,500 | |
| | Short range ballistic missile defense | | 79,300 | |
| 88 | BMD TESTS | 293,441 | 291,441 | -2,000 |
| | FTT-18 and FTT-15 efficiencies | | -2,000 | |
| 89 | BMD TARGETS | 563,576 | 538,076 | -25,500 |
| | Unjustified program growth | | -25,000 | |
| | Test delays | | -500 | |
| 92 | DEPARTMENT OF DEFENSE CORROSION PROGRAM | 3,893 | 8,893 | 5,000 |
| | Program increase | | 5,000 | |
| 93 | TECHNOLOGY MATURATION INITIATIVES | 90,266 | 74,392 | -15,874 |
| | Directed energy prototype development unjustified growth | | -3,874 | |
| | Discrimination sensor prototype development long lead materials early to need | | -12,000 | |
| 104 | LONG RANGE DISCRIMINATION RADAR | 162,012 | 160,762 | -1,250 |
| | LRDR program office - transfer from line 76 | | 8,100 | |
| | Unrealistic schedule | | -9,350 | |
| 105 | IMPROVED HOMELAND DEFENSE INTERCEPTORS | 274,148 | 244,148 | -30,000 |
| | Schedule delay | | -30,000 | |
| 106 | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST | 63,444 | 53,123 | -10,321 |
| | Test delays | | -10,321 | |

| R-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 112 | MULTI-OBJECT KILL VEHICLE | 71,513 | 56,513 | -15,000 |
| | Change to acquisition strategy | | -15,000 | |
| 139 | JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC) | 87,080 | 67,080 | -20,000 |
| | Prior year carryover and minimize growth | | -20,000 | |
| 143 | CLASSIFIED PROGRAM USD(P) | 0 | 100,000 | 100,000 |
| | Classified adjustment | | 100,000 | |
| 162 | DEVELOPMENT TEST AND EVALUATION | 19,541 | 23,541 | 4,000 |
| | Program increase | | 4,000 | |
| 173 | CYBER INTELLIGENCE | 18,523 | 7,223 | -11,300 |
| | Program decrease | | -11,300 | |
| 175 | COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION | 34,384 | 29,984 | -4,400 |
| | Program decrease | | -4,400 | |
| 203 | INFORMATION SYSTEMS SECURITY PROGRAM | 159,068 | 161,068 | 2,000 |
| | Sharkseer | | 2,000 | |
| 247 | WARRIOR SYSTEMS | 44,885 | 50,885 | 6,000 |
| | Program increase | | 6,000 | |
| 999 | CLASSIFIED PROGRAMS | 3,270,515 | 3,075,915 | -194,600 |
| | Classified adjustment | | -194,600 | |
| | DARPA UNDISTRIBUTED REDUCTION | | -50,000 | -50,000 |
| | DARPA undistributed reduction | | -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 | – – – |
| TOTAL, DEFENSE WORKING CAPITAL FUNDS | 1,371,613 | 1,371,613 | – – – |

# 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 | 15,290,759 | -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 | 31,696,337 | -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 | --- | 644,100 | +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 |
|---|---|---|---|
| **IN-HOUSE CARE** | **9,240,160** | **9,210,060** | **-30,100** |
| Other costs unjustified growth | | -30,100 | |
| **PRIVATE SECTOR CARE** | **15,738,759** | **15,290,759** | **-448,000** |
| Other costs unjustified growth | | -73,000 | |
| Historical underexecution | | -375,000 | |
| **CONSOLIDATED HEALTH SUPPORT** | **2,367,759** | **2,328,659** | **-39,100** |
| Therapeutic service dog training program | | 5,000 | |
| Other costs unjustified growth | | -19,100 | |
| Historical underexecution | | -25,000 | |
| **INFORMATION MANAGEMENT** | **1,743,749** | **1,732,399** | **-11,350** |
| Other costs unjustified growth | | -11,350 | |
| **MANAGEMENT ACTIVITIES** | **311,380** | **307,610** | **-3,770** |
| Travel excess growth | | -2,200 | |
| Other costs unjustified growth | | -1,570 | |
| **EDUCATION AND TRAINING** | **743,231** | **742,348** | **-883** |
| Travel excess growth | | -883 | |
| **BASE OPERATIONS AND COMMUNICATIONS** | **2,086,352** | **2,084,502** | **-1,850** |
| Other costs unjustified growth | | -1,850 | |
| **TOTAL, OPERATION AND MAINTENANCE** | **32,231,390** | **31,696,337** | **-535,053** |
| **PROCUREMENT** | **413,219** | **413,219** | |
| **RESEARCH AND DEVELOPMENT** | | | |
| 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 tuberous 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 | |
| **TOTAL, RESEARCH AND DEVELOPMENT** | **822,907** | **1,467,007** | **644,100** |

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 hyberbaric 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 Unites 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 |
|---|---|---|---|
| MILITARY PERSONNEL, ARMY | | | |
| 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 |
| SGLI 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 | 18,163 | 18,163 | 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 | 8,798 | 8,798 | 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 |
|---|---|---|---|
| **MILITARY PERSONNEL, AIR FORCE** | | | |
| 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 | 5,610 | 5,610 | 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 |
| **RESERVE PERSONNEL, ARMY** | | | |
| 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 |
| TOTAL, RESERVE PERSONNEL, ARMY | 42,506 | 203,174 | 160,668 |
| RESERVE PERSONNEL, NAVY | | | |
| 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 |
| TOTAL, RESERVE PERSONNEL, NAVY | 11,929 | 7,905 | -4,024 |
| RESERVE PERSONNEL, MARINE CORPS | | | |
| 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 |
| TOTAL, RESERVE PERSONNEL, MARINE CORPS | 3,764 | 3,087 | -677 |
| RESERVE PERSONNEL, AIR FORCE | | | |
| 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 |
| TOTAL, RESERVE PERSONNEL, AIR FORCE | 20,535 | 15,979 | -4,556 |

| M-1 | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|
| NATIONAL GUARD PERSONNEL, ARMY | | | |
| 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 |
| NATIONAL GUARD PERSONNEL, AIR FORCE | | | |
| 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 |
|---|---|---|---|
| **OPERATION AND MAINTENANCE, ARMY** | | | |
| OCO/GWOT | | | |
| 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 | 1,756,378 | 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 | 219,525 | 219,525 | 0 |
| 2B1G AIRCRAFT ACTIVIATIONS / 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 | 43,365 | 43,365 | 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 |
|---|---|---|---|
| OPERATION AND MAINTENANCE, MARINE CORPS | | | |
| 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 | 69,650 | 69,650 |
| Program increase - restoration and modernization | | 12,550 | |
| 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 |
| OPERATION AND MAINTENANCE, AIR FORCE | | | |
| 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 | 6,870,406 | -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 |

| O-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 |
|---|---|---|---|
| OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD | | | |
| 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 |
| OPERATION AND MAINTENANCE, AIR NATIONAL GUARD | | | |
| 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 |
|---|---|---|---|---|
| | **AIRCRAFT PROCUREMENT, ARMY** | | | |
| | 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 | CIRCM (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) | 0 | 241,900 | 241,900 |
| | Program increase - 22 aircraft | | 241,900 | |
| 11 | CH-47 NEW BUILD (OCO/GWOT) | 0 | 138,000 | 138,000 |
| | Program increase - five aircraft | | 138,000 | |
| 17 | CH-47 MODS (OCO/GWOT) | 0 | 102,000 | 102,000 |
| | Program increase | | 102,000 | |
| | SUBTOTAL, OCO/GWOT FOR BASE REQUIREMENTS | 0 | 481,900 | 481,900 |
| | TOTAL, AIRCRAFT PROCUREMENT, ARMY | 313,171 | 795,071 | 481,900 |
| | **MISSILE PROCUREMENT, ARMY** | | | |
| | 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 |
| 12 | LETHAL MINIATURE AERIAL MISSILE SYSTEM (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) | 0 | 104,200 | 104,200 |
| | Program increase | | 104,200 | |
| 10 | GMLRS ALTERNATE WARHEAD (OCO/GWOT) | 0 | 76,000 | 76,000 |
| | Program increase | | 76,000 | |
| 14 | ATACMS (OCO/GWOT) | 0 | 15,900 | 15,900 |
| | Program increase | | 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) | 0 | 72,800 | 72,800 |
| | Army requested transfer from title IX, OM,A - SAG lines 111, 113, 115, 121, 212 | | 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) | 0 | 172,200 | 172,200 |
| | Army requested transfer from title IX, OM,A - SAG lines 111, 113, 115, 121, 212 | | 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) | 0 | 72,000 | 72,000 |
| | Program increase | | 72,000 | |
| 13 | ABRAMS MODS (OCO/GWOT) | 0 | 60,000 | 60,000 |
| | Program increase | | 60,000 | |
| 16 | VEHICLE APS (OCO/GWOT) | 0 | 80,000 | 80,000 |
| | Program increase | | 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)<br>Army requested transfer from line 18 | 140 | 10,493<br>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)<br>Army requested transfer to line 15 | 10,353 | 0<br>-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)<br>Program increase | 0 | 47,000<br>47,000 | 47,000 |
| 7 | MEDIUM CALIBER AMMO 30MM (OCO/GWOT)<br>Program increase | 0 | 8,200<br>8,200 | 8,200 |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | COUNTER ROCKET, ARTILLERY, MORTAR (20MM) (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 |
| 8 | FAMILY OF MEDIUM TACTICAL VEHICLES (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 |
| 12 | HEAVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV (OCO/GWOT) | 203,766 | 203,766 | 0 |
| 13 | TACTICAL WHEELED VEHICLE PROTECTION KITS (OCO/GWOT) | 101,154 | 101,154 | 0 |
| 14 | MODIFICATION OF IN SVC EQUIP (OCO/GWOT) | 155,456 | 155,456 | 0 |
| 19 | WIN-T - GROUND FORCES TACTICAL NETWORK (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 |
|---|---|---|---|---|
| 56 | 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) | 11,610 | 11,610 | 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) | 96 | 96 | 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 |
| 140 | DISTRIBUTION SYSTEMS, PETROLEUM & WATER (OCO/GWOT) | 78,240 | 78,240 | 0 |
| 141 | COMBAT SUPPORT MEDICAL (OCO/GWOT) | 5,763 | 5,763 | 0 |
| 142 | MOBILE MAINTENANCE EQUIPMENT SYSTEMS (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 |
| 151 | HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) (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) | 31,761 | 31,761 | 0 |
| 160 | FAMILY OF FORKLIFTS (OCO/GWOT) | 846 | 846 | 0 |
| 168 | TEST EQUIPMENT MODERNIZATION (TEMOD) (OCO/GWOT) | 1,140 | 1,140 | 0 |
| 170 | RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT (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 |
| | TOTAL, OTHER PROCUREMENT, ARMY | 1,373,010 | 1,381,410 | 8,400 |
| | AIRCRAFT PROCUREMENT, NAVY | | | |
| | 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 | STUASL0 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) | 1,500 | 0 | -1,500 |
| | Transfer to OCO/GWOT for base requirements | | -1,500 | |
| 65 | AIRCRAFT INDUSTRIAL FACILITIES (OCO/GWOT) | 524 | 0 | -524 |
| | Transfer to OCO/GWOT for base requirements | | -524 | |
| | SUBTOTAL, OCO/GWOT | 393,030 | 344,323 | -48,707 |
| | OCO/GWOT FOR BASE REQUIREMENTS | | | |
| 21 | KC-130J (OCO/GWOT) | 0 | 158,000 | 158,000 |
| | Program increase - two additional aircraft for the Marine Corps | | 158,000 | |
| 27A | C-40 (OCO/GWOT) | 0 | 414,000 | 414,000 |
| | Program increase - two additional aircraft for the Marine Corps and two additional aircraft for the Navy Reserve | | 414,000 | |
| 34 | H-53 SERIES (OCO/GWOT) | 0 | 13,300 | 13,300 |
| | Program increase - degraded visual environment landing enhancements | | 13,300 | |
| 59 | V-22 (TILT/ROTOR ACFT) OSPREY (OCO/GWOT) | 0 | 39,390 | 39,390 |
| | Program increase - SMPAGTF en-route C4 | | 39,390 | |
| 63 | SPARES AND REPAIR PARTS (OCO/GWOT) | 0 | 1,500 | 1,500 |
| | Transfer from OCO/GWOT | | 1,500 | |
| 65 | AIRCRAFT INDUSTRIAL FACILITIES (OCO/GWOT) | 0 | 524 | 524 |
| | Transfer from OCO/GWOT | | 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 & 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-66 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 | LCAC 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 | |
| 116 | EXPLOSIVE ORDNANCE DISPOSAL EQUIP (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 SUPPPORT 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 | | | |
| 6 | WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION (OCO/GWOT) | 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 |
| 19 | ITEMS UNDER $5 MILLION (COMM & ELEC) (OCO/GWOT) | 2,200 | 2,200 | 0 |
| 26 | INTELLIGENCE SUPPORT EQUIPMENT (OCO/GWOT) | 20,981 | 20,981 | 0 |
| 29 | 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 | | | |
| 4 | 155MM LIGHTWEIGHT TOWED HOWITZER (OCO/GWOT) | 0 | 14,000 | 14,000 |
| | Program increase - chrome tubes | | 14,000 | |

| P-1 | | Budget Request | Committee Recommended | Change from Request |
|---|---|---|---|---|
| 5 | HIGH MOBILITY ARTILLERY ROCKET SYSTEM (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 |
| | TOTAL, PROCUREMENT, MARINE CORPS | 118,939 | 213,667 | 94,728 |
| | AIRCRAFT PROCUREMENT, AIR FORCE | | | |
| | OCO/GWOT | | | |
| 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 | 7,500 | 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 |
| | OCO/GWOT FOR BASE REQUIREMENTS | | | |
| 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) | 0 | 148,716 | 148,716 |
| | Transfer 12 aircraft from OCO/GWOT | | 148,716 | |
| 20 | A-10 (OCO/GWOT) | 0 | 98,500 | 98,500 |
| | Radar warning receiver upgrades | | 65,000 | |
| | Situation awareness upgrades | | 23,200 | |
| | Anti-jam GPS | | 10,300 | |
| 21 | F-15 (OCO/GWOT) | 0 | 60,400 | 60,400 |
| | Radar warning receiver upgrades | | 60,400 | |
| 22 | F-16 (OCO/GWOT) | 0 | 77,400 | 77,400 |
| | Radar warning receiver upgrades | | 60,400 | |
| | Missile warning system | | 12,000 | |
| | Anti-jam GPS | | 5,000 | |
| 54 | HH-60 (OCO/GWOT) | 0 | 70,700 | 70,700 |
| | Radar warning receivers | | 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) | 145,125 | 141,375 | -3,750 |
| | Pricing adjustment | | -3,750 | |
| 7 | SMALL DIAMETER BOMB (OCO/GWOT) | 167,800 | 0 | -167,800 |
| | Transfer to OCO/GWOT for base requirements | | -167,800 | |
| 11 | AGM-65 MAVERICK (OCO/GWOT) | 26,620 | 0 | -26,620 |
| | Transfer to OCO/GWOT for base requirements | | -26,620 | |
| | SUBTOTAL, OCO/GWOT | 339,545 | 141,375 | -198,170 |
| | OCO/GWOT FOR BASE REQUIREMENTS | | | |
| 7 | SMALL DIAMETER BOMB (OCO/GWOT) | 0 | 167,800 | 167,800 |
| | Transfer from OCO/GWOT | | 167,800 | |
| 11 | AGM-65 MAVERICK (OCO/GWOT) | 0 | 26,620 | 26,620 |
| | Transfer from OCO/GWOT | | 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) | 60,000 | 0 | -60,000 |
| | Transfer to OCO/GWOT for base requirements | | -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) | 53,900 | 46,400 | -7,500 |
| | JCREW - unjustified unit cost increase | | -7,500 | |
| 67 | DCGS-AF (OCO/GWOT) | 800 | 800 | 0 |
| 999 | CLASSIFIED PROGRAMS (OCO/GWOT) | 3,472,094 | 3,263,094 | -209,000 |
| | Classified adjustment | | -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 |
| 16 | DEFENSE INFORMATION SYSTEMS NETWORK (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) | 42,056 | 22,756 | -19,300 |
| | Classified adjustment | | -19,300 | |
| | SUBTOTAL, OCO/GWOT | 238,434 | 219,134 | -19,300 |
| | OCO/GWOT FOR BASE REQUIREMENTS | | | |
| 24 | AEGIS BMD (OCO/GWOT) | 0 | 65,000 | 65,000 |
| | Program increase | | 65,000 | |
| 60 | OTHER ITEMS <$5M (OCO/GWOT) | 0 | 35,000 | 35,000 |
| | Program increase | | 35,000 | |
| 69 | SOF OPERATIONAL ENHANCEMENTS (OCO/GWOT) | 0 | 35,000 | 35,000 |
| | Program increase | | 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 |
|---|---|---|---|---|
| | RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY | | | |
| | OCO/GWOT | | | |
| 55 | ARMY SPACE SYSTEM INTEGRATION (OCO/GWOT) | 9,375 | 9,375 | 0 |
| 90 | NON-SYSTEM TRAINING DEVICES - ENG DEV (OCO/GWOT) | 33 | 33 | 0 |
| 117 | COMMON INFRARED COUNTERMEASURES (CIRCM) (OCO/GWOT) | 10,900 | 10,900 | 0 |
| 122 | AIRCRAFT SURVIVABILITY DEVELOPMENT (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 |
| | RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY | | | |
| | OCO/GWOT | | | |
| 38 | RETRACT LARCH (OCO/GWOT) | 3,907 | 3,907 | 0 |
| 78 | TACTICAL AIR DIRECTIONAL INFRARED 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 | | | |
| 78 | TACTICAL AIR DIRECTIONAL INFRARED 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 | |
| 202 | CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT (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 |
| 200 | SPACE INNOVATION, INTEGRATION AND RAPID 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 | | | |
| 77 | BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS (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 peacekeeping 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) fo rule XIII 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 2015 | 2017 compared to 2016 |
|---|---|---|---|---|---|---|
| DEPARTMENT OF DEFENSE | | | | | | |
| Military Personnel, Army | 2016 | (1) | 37,295,571 | 39,986,962 | -1,196,767 | 2,691,391 |
| Military Personnel, Navy | 2016 | (1) | 26,711,323 | 27,774,605 | 387,261 | 1,063,282 |
| Military Personnel, Marine Corps | 2016 | (1) | 12,586,679 | 12,701,412 | -84,019 | 114,733 |
| Military Personnel, Air Force | 2016 | (1) | 26,226,952 | 27,794,615 | 230,253 | 1,567,663 |
| Reserve Personnel, Army | 2016 | (1) | 4,463,164 | 4,458,963 | 154,804 | -4,201 |
| Reserve Personnel, Navy | 2016 | (1) | 1,866,891 | 1,898,825 | 62,801 | 31,934 |
| Reserve Personnel, Marine Corps | 2016 | (1) | 705,271 | 763,305 | 104,081 | 58,034 |
| Reserve Personnel, Air Force | 2016 | (1) | 1,689,333 | 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 | 6,239,366 | 254,686 | 900,573 |
| Operation and Maintenance, Air Force | 2016 | 29,792,942 | 36,094,484 | 38,209,602 | 3,185,442 | 2,115,118 |
| Operation and Maintenance, Defense-Wide | 2016 | 31,684,643 | 30,182,187 | 32,263,224 | 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 | 276,336 | 276,761 | 320,066 | 49,581 | 43,305 |
| Operation and Maintenance, Air Force Reserve | 2016 | 2,950,557 | 2,815,862 | 3,106,066 | 116,852 | 290,204 |
| 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 | 6,819,510 | 6,605,400 | 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 | 234,829 | 234,829 | 170,167 | -31,393 | -64,662 |
| 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 | 103,266 | 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 | 5,860,357 | 5,336,971 | 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 | 540,811 | 438,774 |
| Procurement of Ammunition, Army | 2016 | 1,222,426 | 1,007,778 | 1,513,157 | 501,680 | 505,379 |
| Other Procurement, Army | 2016 | 5,613,282 | 5,230,677 | 6,089,356 | 1,277,122 | 858,679 |
| Aircraft Procurement, Navy | 2016 | 17,927,811 | 16,871,819 | 15,900,093 | 1,845,570 | -971,726 |
| Weapons Procurement, Navy | 2016 | 3,202,822 | 2,998,541 | 3,102,544 | -9,387 | 104,003 |
| Procurement of Ammunition, Navy and Marine Corps | 2016 | 723,741 | 559,141 | 601,563 | -27,809 | 42,422 |
| Shipbuilding and Conversion, Navy | 2016 | 17,628,457 | 16,852,569 | 18,484,524 | 4,228,163 | 1,631,955 |
| Other Procurement, Navy | 2016 | 6,660,165 | 6,696,715 | 6,099,326 | 175,947 | -597,389 |
| Procurement, Marine Corps | 2016 | 1,284,112 | 973,084 | 1,213,872 | 286,640 | 240,788 |
| Aircraft Procurement, Air Force | 2016 | 16,049,413 | 14,224,475 | 14,325,117 | 2,278,176 | 100,642 |
| Missile Procurement, Air Force | 2016 | 2,968,661 | 2,334,165 | 2,288,772 | -2,257,439 | -45,393 |
| Space Procurement, Air Force | 2016 | 2,555,710 | 1,935,034 | 2,538,152 | 2,538,152 | 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 | 18,312,084 | 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 | 7,121,647 | 7,372,047 | 7,857,017 | 1,137,017 | 484,970 |
| Research, Development, Test and Evaluation, Navy | 2016 | 18,344,181 | 17,237,724 | 16,831,290 | 953,520 | -406,434 |
| Research, Development, Test and Evaluation, Air Force | 2016 | 25,874,505 | 23,163,152 | 27,106,851 | 3,667,869 | 3,943,699 |
| Research, Development, Test and Evaluation, Defense-Wide | 2016 | 18,833,458 | 18,207,171 | 18,311,236 | 1,233,336 | 104,065 |
| Operational Test and Evaluation, Defense | 2016 | 170,558 | 170,558 | 178,994 | -69,244 | 8,436 |
| Defense Working Capital Funds | 2016 | 1,435,354 | 1,634,568 | 1,371,613 | 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 | 2,136,554 |
| 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 | 878,298 | 908,800 | -35,887 | 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 | 10,205 | 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 | 483,596 | -17,598 | -24,327 |
| Title IX - Overseas Deployments and Other Activities | 2016 | 49,690,061 | 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

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 |
|---|---|---|---|---|---|
| TITLE I | | | | | |
| MILITARY PERSONNEL | | | | | |
| Military Personnel, Army | 41,045,562 | 40,028,182 | 39,986,962 | -1,058,600 | -41,220 |
| Military Personnel, Navy | 27,835,183 | 27,951,605 | 27,774,605 | -60,578 | -177,000 |
| Military Personnel, Marine Corps | 12,859,152 | 12,813,412 | 12,701,412 | -157,740 | -112,000 |
| Military Personnel, Air Force | 27,679,066 | 27,944,615 | 27,794,615 | +115,549 | -150,000 |
| Reserve Personnel, Army | 4,463,164 | 4,561,703 | 4,458,963 | -4,201 | -102,740 |
| Reserve Personnel, Navy | 1,866,891 | 1,924,155 | 1,898,825 | +31,934 | -25,330 |
| Reserve Personnel, Marine Corps | 702,481 | 744,995 | 736,305 | +33,824 | -8,690 |
| Reserve Personnel, Air Force | 1,682,942 | 1,742,906 | 1,718,126 | +35,184 | -24,780 |
| National Guard Personnel, Army | 7,892,327 | 7,910,694 | 7,827,440 | -64,887 | -83,254 |
| National Guard Personnel, Air Force | 3,201,890 | 3,280,065 | 3,271,215 | +69,325 | -8,850 |
| Total, Title I, Military Personnel | 129,228,658 | 128,902,332 | 128,168,468 | -1,060,190 | -733,864 |

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 |
|---|---|---|---|---|---|
| TITLE II | | | | | |
| OPERATION AND MAINTENANCE | | | | | |
| Operation and Maintenance, Army | 32,399,440 | 33,809,040 | 34,436,295 | +2,036,855 | +627,255 |
| Operation and Maintenance, Navy | 39,600,172 | 39,483,581 | 40,213,485 | +613,313 | +729,904 |
| Operation and Maintenance, Marine Corps | 5,718,074 | 5,954,258 | 6,246,366 | +528,292 | +292,108 |
| Operation and Maintenance, Air Force | 35,727,457 | 37,518,056 | 38,209,602 | +2,482,145 | +691,546 |
| Operation and Maintenance, Defense-Wide | 32,105,040 | 32,571,590 | 32,263,224 | +158,184 | -308,366 |
| Operation and Maintenance, Army Reserve | 2,646,911 | 2,712,331 | 2,767,471 | +120,560 | +55,140 |
| Operation and Maintenance, Navy Reserve | 998,481 | 927,656 | 975,724 | -22,757 | +48,068 |
| Operation and Maintenance, Marine Corps Reserve | 274,526 | 270,633 | 320,066 | +45,540 | +49,433 |
| Operation and Maintenance, Air Force Reserve | 2,980,768 | 3,067,929 | 3,106,066 | +125,298 | +38,137 |
| Operation and Maintenance, Army National Guard | 6,595,483 | 6,825,370 | 6,923,595 | +328,112 | +98,225 |
| Operation and Maintenance, Air National Guard | 6,820,569 | 6,703,578 | 6,708,200 | -112,369 | +4,622 |

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 |
|---|---|---|---|---|---|
| United States Court of Appeals for the Armed Forces..... | 14,078 | 14,194 | 14,194 | +116 | --- |
| Environmental Restoration, Army..... | 234,829 | 170,167 | 170,167 | -64,662 | --- |
| Environmental Restoration, Navy..... | 300,000 | 281,762 | 289,262 | -10,738 | +7,500 |
| Environmental Restoration, Air Force..... | 368,131 | 371,521 | 371,521 | +3,390 | --- |
| Environmental Restoration, Defense-Wide..... | 8,232 | 9,009 | 9,009 | +777 | --- |
| Environmental Restoration, Formerly Used Defense Sites.. | 231,217 | 197,084 | 222,084 | -9,133 | +25,000 |
| Overseas Humanitarian, Disaster, and Civic Aid..... | 103,266 | 105,125 | 108,125 | +4,859 | +3,000 |
| Cooperative Threat Reduction Account..... | 358,496 | 325,604 | 325,604 | -32,892 | --- |
| Total, Title II, Operation and maintenance..... | 167,485,170 | 171,318,488 | 173,680,060 | +6,194,890 | +2,361,572 |
| TITLE III | | | | | |
| PROCUREMENT | | | | | |
| Aircraft Procurement, Army..... | 5,866,367 | 3,614,787 | 4,628,697 | -1,237,670 | +1,013,910 |
| Missile Procurement, Army..... | 1,600,957 | 1,519,966 | 1,502,377 | -98,580 | -17,589 |
| Procurement of Weapons and Tracked Combat Vehicles, Army..... | 1,951,646 | 2,265,177 | 2,244,547 | +292,901 | -20,630 |

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 |
|---|---|---|---|---|---|
| Procurement of Ammunition, Army | 1,245,426 | 1,513,157 | 1,513,157 | +267,731 | --- |
| Other Procurement, Army | 5,718,811 | 5,873,949 | 6,089,356 | +370,545 | +215,407 |
| Aircraft Procurement, Navy | 17,521,209 | 14,109,148 | 15,900,093 | -1,621,116 | +1,790,945 |
| Weapons Procurement, Navy | 3,049,542 | 3,209,262 | 3,102,544 | +53,002 | -106,718 |
| Procurement of Ammunition, Navy and Marine Corps | 651,920 | 664,368 | 601,563 | -50,357 | -62,805 |
| Shipbuilding and Conversion, Navy | 18,704,539 | 18,354,874 | 18,484,524 | -220,015 | +129,650 |
| Other Procurement, Navy | 6,484,257 | 6,338,861 | 6,099,326 | -384,931 | -239,535 |
| Procurement, Marine Corps | 1,186,812 | 1,362,769 | 1,213,872 | +27,060 | -148,897 |
| Aircraft Procurement, Air Force | 15,756,853 | 13,922,917 | 14,325,117 | -1,431,736 | +402,200 |
| Missile Procurement, Air Force | 2,912,131 | 2,426,621 | 2,288,772 | -623,359 | -137,849 |
| Space Procurement, Air Force | 2,812,159 | 3,055,743 | 2,538,152 | -274,007 | -517,591 |
| Procurement of Ammunition, Air Force | 1,744,993 | 1,677,719 | 1,609,719 | -135,274 | -68,000 |
| Other Procurement, Air Force | 18,311,882 | 17,438,056 | 17,342,313 | -969,569 | -95,743 |
| Procurement, Defense-Wide | 5,245,443 | 4,524,918 | 4,649,876 | -595,567 | +124,958 |
| Defense Production Act Purchases | 76,680 | 44,065 | 74,065 | -2,615 | +30,000 |
| Total, Title III, Procurement | 110,841,627 | 101,916,357 | 104,208,070 | -6,633,557 | +2,291,713 |

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 |
|---|---|---|---|---|---|
| TITLE IV | | | | | |
| RESEARCH, DEVELOPMENT, TEST AND EVALUATION | | | | | |
| Research, Development, Test and Evaluation, Army..... | 7,565,327 | 7,515,399 | 7,857,017 | +291,690 | +341,618 |
| Research, Development, Test and Evaluation, Navy..... | 18,117,677 | 17,276,301 | 16,831,290 | -1,286,387 | -445,011 |
| Research, Development, Test and Evaluation, Air Force... | 25,217,148 | 28,112,251 | 27,106,851 | +1,889,703 | -1,005,400 |
| Research, Development, Test and Evaluation, Defense-Wide ..... | 18,695,955 | 18,308,826 | 18,311,236 | -384,719 | +2,410 |
| Operational Test and Evaluation, Defense..... | 188,558 | 178,994 | 178,994 | -9,564 | --- |
| Total, Title IV, Research, Development, Test and Evaluation..... | 69,784,665 | 71,391,771 | 70,285,388 | +500,723 | -1,106,383 |

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 |
|---|---|---|---|---|---|
| TITLE V | | | | | |
| REVOLVING AND MANAGEMENT FUNDS | | | | | |
| Defense Working Capital Funds | 1,738,768 | 1,371,613 | 1,371,613 | -367,155 | --- |
| National Defense Sealift Fund | 474,164 | --- | --- | -474,164 | --- |
| Total, Title V, Revolving and Management Funds | 2,212,932 | 1,371,613 | 1,371,613 | -841,319 | --- |
| TITLE VI | | | | | |
| OTHER DEPARTMENT OF DEFENSE PROGRAMS | | | | | |
| Defense Health Program | | | | | |
| Operation and maintenance | 29,842,167 | 32,231,390 | 31,696,337 | +1,854,170 | -535,053 |
| Procurement | 365,390 | 413,219 | 413,219 | +47,829 | --- |
| Research, development, test and evaluation | 2,121,933 | 822,907 | 1,467,007 | -654,926 | +644,100 |
| Total, Defense Health Program 1/ 3/ | 32,329,490 | 33,467,516 | 33,576,563 | +1,247,073 | +109,047 |

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 |
|---|---|---|---|---|---|
| Chemical Agents and Munitions Destruction, Defense: | | | | | |
| Operation and maintenance | 118,198 | 147,282 | 147,282 | +29,084 | --- |
| Procurement | 2,281 | 15,132 | 15,132 | +12,851 | --- |
| Research, development, test and evaluation | 579,342 | 388,609 | 388,609 | -190,733 | --- |
| Total, Chemical Agents 2/ | 699,821 | 551,023 | 551,023 | -148,798 | --- |
| Drug Interdiction and Counter-Drug Activities, Defense1/ | 1,050,598 | 844,800 | 908,800 | -141,798 | +64,000 |
| Joint Urgent Operational Needs Fund | --- | 99,300 | --- | --- | -99,300 |
| Office of the Inspector General 1/ | 312,559 | 322,035 | 322,035 | +9,476 | --- |
| Total, Title VI, Other Department of Defense Programs | 34,392,468 | 35,284,674 | 35,358,421 | +965,953 | +73,747 |

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 |
|---|---|---|---|---|---|
| TITLE VII | | | | | |
| RELATED AGENCIES | | | | | |
| Central Intelligence Agency Retirement and Disability System Fund | 514,000 | 514,000 | 514,000 | --- | --- |
| Intelligence Community Management Account (ICMA) | 505,206 | 533,596 | 483,596 | -21,610 | -50,000 |
| Total, Title VII, Related agencies | 1,019,206 | 1,047,596 | 997,596 | -21,610 | -50,000 |
| TITLE VIII | | | | | |
| GENERAL PROVISIONS | | | | | |
| Additional transfer authority (Sec.8005) | (4,500,000) | (5,000,000) | (4,500,000) | --- | (-500,000) |
| FFRDC (Sec.8023) | -65,000 | --- | -126,800 | -61,800 | -126,800 |
| Overseas Military Facility Investment Recovery (Sec.8028) | 1,000 | --- | --- | -1,000 | --- |

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 |
|---|---|---|---|---|---|
| Rescissions (Sec.8041) | -1,768,937 | --- | -1,283,416 | +485,521 | -1,283,416 |
| National grants (Sec.8048) | 44,000 | --- | 44,000 | --- | +44,000 |
| O&M, Defense-wide transfer authority (Sec.8052) | (30,000) | (30,000) | (30,000) | --- | --- |
| Fisher House Foundation (Sec.8067) | 5,000 | --- | 5,000 | --- | +5,000 |
| Revised economic assumptions (Sec.8074) | -1,500,789 | --- | -573,400 | +927,389 | -573,400 |
| Fisher House O&M Army Navy Air Force transfer authority (Sec.8089) | (11,000) | (11,000) | (11,000) | --- | --- |
| Defense Health O&M transfer authority (Sec.8093) | (121,000) | (122,375) | (122,375) | (+1,375) | --- |
| John C. Stennis Center for Public Service Development Trust Fund (O&M, Navy transfer authority) | (1,000) | --- | --- | (-1,000) | --- |
| Basic allowance for housing | 300,000 | --- | --- | -300,000 | --- |
| Working Capital Fund, Army excess cash balances (Sec.8116) | -389,000 | --- | -336,000 | +53,000 | -336,000 |
| Working Capital Fund, Defense-wide excess cash balances (rescission) | -1,037,000 | --- | --- | +1,037,000 | --- |
| Revised fuel costs (Sec.8117) | -2,576,000 | --- | -1,493,000 | +1,083,000 | -1,493,000 |
| Military pay raise (Sec.8131) | --- | --- | 340,000 | +340,000 | +340,000 |
| Total, Title VIII, General Provisions | -6,986,726 | --- | -3,423,616 | +3,563,110 | -3,423,616 |

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 |
|---|---|---|---|---|---|
| TITLE IX | | | | | |
| OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM (GWOT) | | | | | |
| Military Personnel | | | | | |
| Military Personnel, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 1,846,356 | 2,051,578 | 1,271,302 | -575,054 | -780,276 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 1,154,828 | +1,154,828 | +1,154,828 |
| Subtotal | 1,846,356 | 2,051,578 | 2,426,130 | +579,774 | +374,552 |
| Military Personnel, Navy (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 251,011 | 330,557 | 194,001 | -57,010 | -136,556 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 63,500 | +63,500 | +63,500 |
| Subtotal | 251,011 | 330,557 | 257,501 | +6,490 | -73,056 |

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 |
|---|---|---|---|---|---|
| Military Personnel, Marine Corps (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 171,079 | 179,733 | 104,542 | -66,537 | -75,191 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 349,000 | +349,000 | +349,000 |
| Subtotal | 171,079 | 179,733 | 453,542 | +282,463 | +273,809 |
| Military Personnel, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 726,126 | 719,896 | 446,792 | -279,334 | -273,104 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 145,000 | +145,000 | +145,000 |
| Subtotal | 726,126 | 719,896 | 591,792 | -134,334 | -128,104 |
| Reserve Personnel, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 24,462 | 42,506 | 30,812 | +6,350 | -11,694 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 172,362 | +172,362 | +172,362 |
| Subtotal | 24,462 | 42,506 | 203,174 | +178,712 | +160,668 |
| Reserve Personnel, Navy (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 12,693 | 11,929 | 7,905 | -4,788 | -4,024 |

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 |
|---|---|---|---|---|---|
| Reserve Personnel, Marine Corps (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 3,393 | 3,764 | 3,087 | -306 | -677 |
| Reserve Personnel, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 18,710 | 20,535 | 15,979 | -2,731 | -4,556 |
| National Guard Personnel, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 166,015 | 196,472 | 120,514 | -45,501 | -75,958 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 316,454 | +316,454 | +316,454 |
| Subtotal | 166,015 | 196,472 | 436,968 | +270,953 | +240,496 |
| National Guard Personnel, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 2,828 | 5,288 | 4,125 | +1,297 | -1,163 |
| Total, Military Personnel OCO/GWOT Requirements | 3,222,673 | 3,562,258 | 2,199,059 | -1,023,614 | -1,363,199 |
| Total, OCO/GWOT For Base Requirements | --- | --- | 2,201,144 | +2,201,144 | +2,201,144 |
| Grand Total, Military Personnel | 3,222,673 | 3,562,258 | 4,400,203 | +1,177,530 | +837,945 |

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 |
|---|---|---|---|---|---|
| Operation and Maintenance | | | | | |
| Operation & Maintenance, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 14,994,833 | 15,310,587 | 10,396,008 | -4,598,825 | -4,914,579 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 2,186,672 | +2,186,672 | +2,186,672 |
| Subtotal | 14,994,833 | 15,310,587 | 12,582,680 | -2,412,153 | -2,727,907 |
| Operation & Maintenance, Navy (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 7,169,611 | 6,827,391 | 3,947,082 | -3,222,529 | -2,880,309 |
| (Coast Guard) (by transfer) (GWOT) | --- | (162,692) | (162,692) | (+162,692) | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 1,082,170 | +1,082,170 | +1,082,170 |
| Subtotal | 7,169,611 | 6,827,391 | 5,029,252 | -2,140,359 | -1,798,139 |
| Operation & Maintenance, Marine Corps (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 1,372,534 | 1,244,359 | 749,596 | -622,938 | -494,763 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 166,900 | +166,900 | +166,900 |
| Subtotal | 1,372,534 | 1,244,359 | 916,496 | -456,038 | -327,863 |

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 |
|---|---|---|---|---|---|
| Operation & Maintenance, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 11,128,813 | 9,498,830 | 5,909,780 | -5,219,033 | -3,589,050 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 960,626 | +960,626 | +960,626 |
| Subtotal | 11,128,813 | 9,498,830 | 6,870,406 | -4,258,407 | -2,628,424 |
| Operation & Maintenance, Defense-Wide (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 5,665,633 | 5,982,173 | 3,544,434 | -2,121,199 | -2,437,739 |
| (Coalition support funds) (GWOT) | (1,160,000) | (1,100,000) | (1,100,000) | (-60,000) | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 351,000 | +351,000 | +351,000 |
| Subtotal | 5,665,633 | 5,982,173 | 3,895,434 | -1,770,199 | -2,086,739 |
| Operation & Maintenance, Army Reserve (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 99,559 | 38,679 | 85,666 | -13,893 | +46,987 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 186,381 | +186,381 | +186,381 |
| Subtotal | 99,559 | 38,679 | 272,047 | +172,488 | +233,368 |

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 |
|---|---|---|---|---|---|
| Operation & Maintenance, Navy Reserve (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 31,643 | 26,265 | 25,669 | -5,974 | -596 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 112,350 | +112,350 | +112,350 |
| Subtotal | 31,643 | 26,265 | 138,019 | +106,376 | +111,754 |
| Operation & Maintenance, Marine Corps Reserve (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 3,455 | 3,304 | 5,078 | +1,623 | +1,774 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 24,550 | +24,550 | +24,550 |
| Subtotal | 3,455 | 3,304 | 29,628 | +26,173 | +26,324 |
| Operation & Maintenance, Air Force Reserve (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 58,106 | 57,586 | 45,173 | -12,933 | -12,413 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 27,550 | +27,550 | +27,550 |
| Subtotal | 58,106 | 57,586 | 72,723 | +14,617 | +15,137 |

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 |
|---|---|---|---|---|---|
| Operation & Maintenance, Army National Guard (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 135,845 | 127,035 | 142,341 | +6,496 | +15,306 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 237,880 | +237,880 | +237,880 |
| Subtotal | 135,845 | 127,035 | 380,221 | +244,376 | +253,186 |
| Operation & Maintenance, Air National Guard (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 19,900 | 20,000 | 31,086 | +11,186 | +11,086 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 247,950 | +247,950 | +247,950 |
| Subtotal | 19,900 | 20,000 | 279,036 | +259,136 | +259,036 |
| Subtotal, Operation and Maintenance | 40,679,932 | 39,136,209 | 30,465,942 | -10,213,990 | -8,670,267 |

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 |
|---|---|---|---|---|---|
| Counterterrorism Partnerships Fund (GWOT) | 1,100,000 | 1,000,000 | 750,000 | -350,000 | -250,000 |
| Afghanistan Security Forces Fund (GWOT) | 3,652,257 | 3,448,715 | 3,448,715 | -203,542 | --- |
| Iraq Train and Equip Fund (GWOT) | 715,000 | 630,000 | --- | -715,000 | -630,000 |
| Counter-ISIL Train and Equip Fund (GWOT) | --- | --- | 880,000 | +880,000 | +880,000 |
| Syria Train and Equip Fund (GWOT) | --- | 250,000 | --- | --- | -250,000 |
| Total, Operation and Maintenance OCO/GWOT Requirements | 46,147,189 | 44,464,924 | 29,960,628 | -16,186,561 | -14,504,296 |
| Total, OCO/GWOT For Base Requirements | --- | --- | 5,584,029 | +5,584,029 | +5,584,029 |
| Grand Total, Operation and Maintenance | 46,147,189 | 44,464,924 | 35,544,657 | -10,602,532 | -8,920,267 |

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 |
|---|---|---|---|---|---|
| Procurement | | | | | |
| Aircraft Procurement, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 161,987 | 313,171 | 313,171 | +151,184 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 481,900 | +481,900 | +481,900 |
| Subtotal | 161,987 | 313,171 | 795,071 | +633,084 | +481,900 |
| Missile Procurement, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 37,260 | 632,817 | 632,817 | +595,557 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 196,100 | +196,100 | +196,100 |
| Subtotal | 37,260 | 632,817 | 828,917 | +791,657 | +196,100 |
| Procurement of Weapons and Tracked Combat Vehicles, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 486,630 | 153,544 | 398,544 | -88,086 | +245,000 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 212,000 | +212,000 | +212,000 |
| Subtotal | 486,630 | 153,544 | 610,544 | +123,914 | +457,000 |

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 |
|---|---|---|---|---|---|
| Procurement of Ammunition, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 222,040 | 301,523 | 301,523 | +79,483 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 240,200 | +240,200 | +240,200 |
| Subtotal | 222,040 | 301,523 | 541,723 | +319,683 | +240,200 |
| Other Procurement, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 1,175,596 | 1,373,010 | 1,373,010 | +197,414 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 8,400 | +8,400 | +8,400 |
| Subtotal | 1,175,596 | 1,373,010 | 1,381,410 | +205,814 | +8,400 |
| Aircraft Procurement, Navy (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 210,990 | 393,030 | 344,323 | +133,333 | -48,707 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 626,714 | +626,714 | +626,714 |
| Subtotal | 210,990 | 393,030 | 971,037 | +760,047 | +578,007 |

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 |
|---|---|---|---|---|---|
| Weapons Procurement, Navy (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | --- | 8,600 | 8,600 | +8,600 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 175,100 | +175,100 | +175,100 |
| Subtotal | --- | 8,600 | 183,700 | +183,700 | +175,100 |
| Procurement of Ammunition, Navy and Marine Corps (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 117,966 | 66,229 | 62,540 | -55,426 | -3,689 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 58,000 | +58,000 | +58,000 |
| Subtotal | 117,966 | 66,229 | 120,540 | +2,574 | +54,311 |
| Shipbuilding and Conversion, Navy (GWOT) | | | | | |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 3,086,300 | +3,086,300 | +3,086,300 |
| Other Procurement, Navy (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 12,186 | 124,206 | 111,551 | +99,365 | -12,655 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 102,530 | +102,530 | +102,530 |
| Subtotal | 12,186 | 124,206 | 214,081 | +201,895 | +89,875 |

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 |
|---|---|---|---|---|---|
| Procurement, Marine Corps (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 56,934 | 118,939 | 106,204 | +49,270 | -12,735 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 107,463 | +107,463 | +107,463 |
| Subtotal | 56,934 | 118,939 | 213,667 | +156,733 | +94,728 |
| Aircraft Procurement, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 128,900 | 859,399 | 709,833 | +580,933 | -149,566 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 1,295,716 | +1,295,716 | +1,295,716 |
| Subtotal | 128,900 | 859,399 | 2,005,549 | +1,876,649 | +1,146,150 |
| Missile Procurement, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 289,142 | 339,545 | 141,375 | -147,767 | -198,170 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 194,420 | +194,420 | +194,420 |
| Subtotal | 289,142 | 339,545 | 335,795 | +46,653 | -3,750 |

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 |
|---|---|---|---|---|---|
| Procurement of Ammunition, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 228,874 | 487,408 | 155,158 | -73,716 | -332,250 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 323,000 | +323,000 | +323,000 |
| Subtotal | 228,874 | 487,408 | 478,158 | +249,284 | -9,250 |
| Other Procurement, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 3,477,001 | 3,696,281 | 3,479,781 | +2,780 | -216,500 |
| Procurement, Defense-Wide (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 173,918 | 238,434 | 219,134 | +45,216 | -19,300 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 170,000 | +170,000 | +170,000 |
| Subtotal | 173,918 | 238,434 | 389,134 | +215,216 | +150,700 |
| National Guard and Reserve Equipment (GWOT) | 1,000,000 | --- | 1,000,000 | --- | +1,000,000 |
| Total, Procurement OCO/GWOT Requirements | 7,779,424 | 9,106,136 | 9,357,564 | +1,578,140 | +251,428 |
| Total, OCO/GWOT For Base Requirements | --- | --- | 7,277,843 | +7,277,843 | +7,277,843 |
| Grand Total, Procurement | 7,779,424 | 9,106,136 | 16,635,407 | +8,855,983 | +7,529,271 |

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 |
|---|---|---|---|---|---|
| Research, Development, Test and Evaluation | | | | | |
| Research, Development, Test & Evaluation, Army (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 1,500 | 100,522 | 100,522 | +99,022 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 67,000 | +67,000 | +67,000 |
| Subtotal | 1,500 | 100,522 | 167,522 | +166,022 | +67,000 |
| Research, Development, Test & Evaluation, Navy (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 35,747 | 78,323 | 40,333 | +4,586 | -37,990 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 65,990 | +65,990 | +65,990 |
| Subtotal | 35,747 | 78,323 | 106,323 | +70,576 | +28,000 |
| Research, Development, Test & Evaluation, Air Force (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 17,100 | 32,905 | 32,905 | +15,805 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 10,000 | +10,000 | +10,000 |
| Subtotal | 17,100 | 32,905 | 42,905 | +25,805 | +10,000 |

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 |
|---|---|---|---|---|---|
| Research, Development, Test and Evaluation, Defense-Wide (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 177,087 | 162,419 | 159,919 | -17,168 | -2,500 |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 20,000 | +20,000 | +20,000 |
| Subtotal | 177,087 | 162,419 | 179,919 | +2,832 | +17,500 |
| Total, RDTE OCO/GWOT Requirements | 231,434 | 374,169 | 333,679 | +102,245 | -40,490 |
| Total, OCO/GWOT For Base Requirements | --- | --- | 162,990 | +162,990 | +162,990 |
| Grand Total, Research, Development, Test and Evaluation | 231,434 | 374,169 | 496,669 | +265,235 | +122,500 |
| Revolving and Management Funds | | | | | |
| Defense Working Capital Funds (GWOT) | 88,850 | 140,633 | 140,633 | +51,783 | --- |

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 |
|---|---|---|---|---|---|
| Other Department of Defense Programs | | | | | |
| Defense Health Program: | | | | | |
| Operation and maintenance (GWOT) | | | | | |
| OCO/GWOT Requirements (GWOT) | 272,704 | 331,764 | 331,764 | +59,060 | --- |
| OCO/GWOT For Base Requirements (GWOT) | --- | --- | 450,000 | +450,000 | +450,000 |
| Subtotal | 272,704 | 331,764 | 781,764 | +509,060 | +450,000 |
| Drug Interdiction and Counter-Drug Activities, Defense (GWOT) | 186,000 | 215,333 | 215,333 | +29,333 | --- |
| Joint [Improvised Explosive Device] Improvised-Threat Defeat Fund (GWOT) | 349,464 | 408,272 | 408,272 | +58,808 | --- |
| Office of the Inspector General (GWOT) | 10,262 | 22,062 | 22,062 | +11,800 | --- |
| Total, Other Department of Defense Programs | | | | | |
| OCO/GWOT Requirements | 818,430 | 977,431 | 977,431 | +159,001 | --- |
| Total, OCO/GWOT For Base Requirements | --- | --- | 450,000 | +450,000 | +450,000 |
| Grand Total, Other Department of Defense Programs | 818,430 | 977,431 | 1,427,431 | +609,001 | +450,000 |

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 |
|---|---|---|---|---|---|
| TITLE IX General Provisions | | | | | |
| Additional transfer authority (GWOT) (Sec.9002)..... | (4,500,000) | (4,500,000) | (4,500,000) | --- | --- |
| Ukraine Security Assistance Initiative (GWOT) (Sec. 9014)..... | 250,000 | --- | 150,000 | -100,000 | +150,000 |
| Intelligence, Surveillance, and Reconnaissance (GWOT) (Sec.9018)..... | 500,000 | --- | 500,000 | --- | +500,000 |
| Rescissions (GWOT) (Sec.9020) ..... | -400,000 | --- | -669,000 | -269,000 | -669,000 |
| Total, General Provisions..... | 350,000 | --- | -19,000 | -369,000 | -19,000 |
| Total, Title IX OCO/GWOT Requirements..... | 58,638,000 | 58,625,551 | 42,949,994 | -15,688,006 | -15,675,557 |
| Total, Title IX OCO/GWOT For Base Requirements.... | --- | --- | 15,676,006 | +15,676,006 | +15,676,006 |
| Grand Total, Title IX..... | 58,638,000 | 58,625,551 | 58,626,000 | -12,000 | +449 |

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 |
|---|---|---|---|---|---|
| Grand Total, Bill | 566,616,000 | 569,858,382 | 569,272,000 | +2,656,000 | -586,382 |
| Appropriations | (510,783,937) | (511,232,831) | (511,929,416) | (+1,145,479) | (+696,585) |
| GLobal War on Terrorism (GWOT) | (59,038,000) | (58,625,551) | (59,295,000) | (+257,000) | (+669,449) |
| Rescissions | (-2,805,937) | --- | (-1,283,416) | (+1,522,521) | (-1,283,416) |
| Rescissions (GWOT) | (-400,000) | --- | (-669,000) | (-269,000) | (-669,000) |

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 |
|---|---|---|---|---|---|
| CONGRESSIONAL BUDGET RECAP | | | | | |
| Scorekeeping adjustments: | | | | | |
| Lease of defense real property (permanent)..... | 33,000 | 37,000 | 37,000 | +4,000 | --- |
| Disposal of defense real property (permanent)..... | 8,000 | 8,000 | 8,000 | --- | --- |
| DHP, O&M to DOD-VA Joint Incentive Fund (permanent): | | | | | |
| Defense function..... | -15,000 | -15,000 | -15,000 | --- | --- |
| Non-defense function..... | 15,000 | 15,000 | 15,000 | --- | --- |
| DHP, O&M to Joint DOD-VA Medical Facility Demonstration Fund (Sec.8098): | | | | | |
| Defense function..... | -120,000 | -122,375 | -122,375 | -2,375 | --- |
| Non-defense function..... | 120,000 | 122,375 | 122,375 | +2,375 | --- |
| Navy transfer to John C. Stennis Center for Public Service Development Trust Fund (Sec.8107): | | | | | |
| Defense function..... | -1,000 | --- | --- | +1,000 | --- |
| Non-defense function..... | 1,000 | --- | --- | -1,000 | --- |
| Tricare accrual (permanent, indefinite auth.) 4/.... | 6,631,000 | 6,953,000 | 6,953,000 | +322,000 | --- |
| Total, scorekeeping adjustments..... | 6,672,000 | 6,998,000 | 6,998,000 | +326,000 | --- |

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 |
|---|---|---|---|---|---|
| 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 |
| 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 | --- |
| Total mandatory and discretionary | 573,288,000 | 576,856,382 | 576,270,000 | +2,982,000 | -586,382 |

1/ Included in Budget under Operation and Maintenance
2/ Included in Budget under Procurement
3/ Budget request assumes enactment of DoD's pharmacy/Consolidated Health Plan proposals
4/ Contributions to Department of Defense Medicare-Eligible Retiree Health Care Fund (Sec. 725, P.L. 108-375). Amount does not include Budget proposals to amend TRICARE