

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2023

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, 2022.—Committed to the Committee of the Whole House on the State of the Union  
and ordered to be printed

\_\_\_\_\_  
Ms. MCCOLLUM of Minnesota, from the Committee on  
Appropriations, submitted the following

R E P O R T

[To accompany H.R. 4432]

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, 2023.

BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for fiscal year 2023. 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 2023 budget request for activities funded in the Department of Defense Appropriations Act totals \$761,678,123,000 in new budget obligational authority.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel.....	166,873,267	173,882,628	173,079,643	+6,206,376	-802,985
Title II - Operation and Maintenance.....	256,288,740	270,208,500	269,360,279	+13,071,539	-848,221
Title III - Procurement.....	144,942,486	144,879,111	143,922,386	-1,020,100	-956,725
Title IV - Research, Development, Test and Evaluation.....	119,211,192	130,097,410	131,667,180	+12,455,988	+1,569,770
Title V - Revolving and Management Funds.....	2,017,000	1,329,895	1,329,895	-687,105	---
Title VI - Other Department of Defense Programs.....	39,808,546	39,327,079	40,469,636	+661,090	+1,142,557
Title VII - Related Agencies.....	1,101,100	1,149,000	1,082,705	-8,395	-56,295
Title VIII - General Provisions.....	-1,299,332	1,278,500	1,233,276	+2,532,608	-45,224
Total, Department of Defense.....	762,981,882	762,152,123	762,155,000	-826,882	+2,877
Total, mandatory and discretionary.....	763,026,882	762,192,123	762,195,000	-831,882	+2,877

## COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2023 budget request and execution of appropriations for fiscal year 2022, the Subcommittee on Defense held 18 hearings during the period of March 2022 to May 2022. 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 total fiscal year 2023 Department of Defense funding is \$761,681,000,000, which is an increase of \$33,207,001,000 above the fiscal year 2022 enacted level and \$2,877,000 above the President's Budget.

This bill carries out the Committee's constitutional responsibility to recommend the appropriations necessary to provide for the common defense of the Nation. The Committee performed its role in a collegial and bipartisan fashion consistent with long-standing traditions. Oversight of the management and expenditure of funds provided to the Department of Defense and the Intelligence Community is a core function of the Defense Subcommittee. The Subcommittee performed this responsibility with a detailed review of the fiscal year 2023 budget request and held 18 hearings.

While the President's Budget was delayed, the Subcommittee thoroughly reviewed the budget request and identified programs where reductions are possible without adversely affecting the safety and effectiveness of military personnel. Examples of such reductions include savings from favorable contract pricing adjustments, contract or schedule delays resulting in savings, unjustified new programs and cost increases, funds requested ahead of need for the year of budget execution, projected or historical underexecution, and rescissions of unneeded prior year funds.

The fiscal year 2023 request for the Department of Defense was released simultaneously with the National Defense Strategy, which emphasizes integrated deterrence, campaigning, and actions that build enduring advantages, such as working with allies. The war in Ukraine highlights the need to build these capabilities, including the power of robust diplomatic efforts to rally the world in opposition to authoritarianism. The Committee must strike the correct balance between defense, diplomacy, and development.

Russia's poor military performance also makes clear that the foundational tasks of properly manning, training, equipping, and maintaining a modern military is essential to success in current conflicts. Taking care of personnel and their families, providing service members with the best training possible, ensuring that logistical challenges can be overcome, and giving decision makers the best intelligence available are vital components to winning any conflict. Procurement and modernization are important, and it is imperative to have a qualitative military edge, but assets and weapons systems are only effective if they can be properly used and maintained.

## 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 Bal-

anced 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, 2023, the related classified annexes and Committee reports, and the 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 2024, 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 2024.

#### REPROGRAMMING GUIDANCE

The Secretary of Defense is directed to continue to follow the reprogramming guidance for acquisition accounts as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110–279). The dollar threshold for reprogramming funds shall be \$10,000,000 for military personnel; operation and maintenance; procurement; and research, development, test and evaluation.

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

## FUNDING INCREASES

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

## CONGRESSIONAL SPECIAL INTEREST ITEMS

Items for which additional funds have been provided or items for which funding is 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.

## CLASSIFIED ANNEX

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

## COMMITTEE RECOMMENDATIONS BY MAJOR CATEGORY

## ACTIVE, RESERVE, AND NATIONAL GUARD MILITARY PERSONNEL

In title I of the bill, the Committee recommends a total of \$173,079,643,000 for active, reserve, and National Guard military personnel, a decrease of \$802,985,000 below the budget request. The Committee recommendation provides full funding necessary to increase basic pay for all military personnel by 4.6 percent, effective January 1, 2023.

## OPERATION AND MAINTENANCE

In title II of the bill, the Committee recommends a total of \$269,360,279,000 for operation and maintenance support to the military Services and other Department of Defense entities, a decrease of \$848,221,000 below the budget request. The recommended levels will fund robust operational training, readiness, and facilities needs in fiscal year 2023.

## PROCUREMENT

In title III of the bill, the Committee recommends a total of \$143,922,386,000 for procurement, a decrease of \$956,725,000 below the budget request.

Major initiatives and modifications include:

\$991,553,000 for the procurement of 35 UH/HH-60M Blackhawk helicopters;

\$693,879,000 for the procurement of 35 AH-64 Apache helicopters;

\$680,089,000 for 48 sets of M109A6 Paladin Self-Propelled Howitzers and M992A2 Field Artillery Ammunition Support Vehicles;

\$120,000,000 for additional modernized Army National Guard HMMWVs;

\$1,861,016,000 for the procurement of 12 CH-53K helicopters, an increase of two aircraft and \$191,030,000 above the President’s request;

\$7,155,558,000 for the procurement of 61 F-35 aircraft, an increase of \$261,651,000 and the same number of aircraft as the

President's request: 15 short take-off and vertical landing variants for the Marine Corps, 13 carrier variants for the Navy and Marine Corps, and 33 conventional variants for the Air Force;

\$27,780,407,000 for the procurement of eight Navy ships, including two DDG-51 guided missile destroyers, two SSN-774 attack submarines, one Frigate, one LPD-17 Flight II amphibious transport dock, one TAO Fleet Oiler; and one Towing, Salvage, and Rescue Ship;

\$1,880,908,000 for the procurement of 18 F-15EX aircraft;

\$430,530,000 for the procurement of 5 KC-130J aircraft;

\$2,674,753,000 for the procurement of 15 KC-46 tanker aircraft;

\$694,018,000 for the procurement of 10 combat rescue helicopters;

\$1,523,321,000 for the procurement of eight space launch services;

\$646,962,000 for the procurement of two Global Positioning System satellites; and

\$200,000,000 for the Israeli Cooperative Programs under the Missile Defense Agency.

#### RESEARCH, DEVELOPMENT, TEST AND EVALUATION

In title IV of the bill, the Committee recommends a total of \$131,667,180,000 for research, development, test and evaluation, an increase of \$1,569,770,000 above the budget request.

Major initiatives and modifications include:

\$1,131,594,000 to support Army Future Vertical Lift, including design, prototyping, and risk reduction for the Future Attack Reconnaissance Aircraft and the Future Long Range Assault Aircraft;

\$849,949,000 for continued development and fielding of the Army's Long-Range Hypersonic Weapon;

\$404,291,000 for the Army's Mid-Range Missile capability;

\$380,147,000 for the Army's Lower Tier Air Missile Defense capability;

\$1,230,041,000 for the continued development of the conventional prompt strike program, an increase of \$25,000,000 above the President's request;

\$554,193,000 for the continued development of the TACAMO modernization program;

\$79,783,000 for the continued development for the Marine Corps ground-based anti-ship missile and long-range fires programs;

\$2,173,134,000 for the continued development of the F-35 Lightning Joint Strike Fighter aircraft;

\$3,143,584,000 for the continued development of the B-21 bomber;

\$397,932,000 for the continued development of a Presidential Aircraft Replacement;

\$3,527,793,000 for the continued development of the Ground Based Strategic Deterrent;

\$318,727,000 for the Global Positioning System IIIIF;

\$359,720,000 for the Global Positioning System III Operational Control Segment;

\$3,452,259,000 for the Next-Generation Overhead Persistent Infrared system;

\$4,064,014,000 for the Defense Advanced Research Projects Agency; and

\$300,000,000 for the Israeli Cooperative Programs under the Missile Defense Agency.

#### DEFENSE HEALTH PROGRAM

The Committee recommends a total of \$38,052,432,000 for the Defense Health Program to support worldwide medical and dental services for active forces and other eligible beneficiaries.

#### DESIGNATED CONGRESSIONAL SPECIAL INTEREST ITEMS

The Committee directs the Secretary of Defense to limit Department overhead and operating costs on congressional program increases to not more than ten percent of the funding level provided. The Service Secretaries and the Deputy Secretary of Defense or their designee may request a waiver to this requirement by submitting a prior approval request in writing to the House and Senate Appropriations Committees.

#### COMMUNITY PROJECT FUNDING

The Committee directs the Secretary of Defense to ensure that the entire amount of all Community Project Funding is awarded to its intended recipients.

#### COMBAT RESCUE HELICOPTER

The budget request proposed to end procurement of the Air Force's HH-60W Combat Rescue Helicopter (CRH) with the 10 aircraft included in the request, thereby truncating procurement at 75 aircraft versus 113 aircraft in the program of record. The Air Force has indicated to the Committee its concerns regarding the survivability of the HH-60W in future combat environments and has emphasized that combat search and rescue is a joint mission. While the Committee acknowledges the Air Force's justifications, it is concerned that the reduction to the CRH fleet could create a shortfall in capacity. The Committee therefore directs the Secretary of Defense, in consultation with the Chairman of the Joint Chiefs of Staff, to submit a report to the congressional defense committees on combat search and rescue requirements under the National Defense Strategy, the current joint force capacity to meet these requirements, and the impact that the reduction of the CRH program to 75 aircraft will have on this capacity. This report may be submitted in classified form and shall be submitted not later than 30 days after the submission of the fiscal year 2024 President's budget request.

#### STERILIZATION OF SURGICAL INSTRUMENTS

The war in Ukraine is a reminder that future armed conflict likely will occur via large-scale combat, resulting in high numbers of casualties over short time periods where ease of maneuver will make evacuation difficult. These circumstances will force units to hold casualties at earlier roles of care for longer periods of time, where lifesaving surgical interventions will need to take place to preserve life. This creates significant challenges to safely operating on casualties with sterile equipment.

The Committee is aware that the Army is coordinating with the Defense Health Agency and the Undersecretary of Defense for Re-

search & Engineering to seek industry partners with strong research and development capabilities to pursue and develop a chemical sterilant solution and sterilization cabinet that can sterilize surgical instruments and other materiel through immersion, including heat-sensitive surgical instruments and other materiel. The Committee supports these efforts and encourages the Secretary of Defense to engage industry to research, develop, and commercialize these medical technologies expeditiously.

#### LITTORAL COMBAT SHIPS

The Committee is disappointed to see the list of vessels the Navy is requesting to decommission in fiscal year 2023, particularly the littoral combat ships that were commissioned in 2019 and 2020. The Committee understands that the proposed use of these vessels does not meet the Navy's original intent. However, decommissioning them at this time is a waste of taxpayer funds.

Therefore, the Committee has included bill language that would restore the four ships that are only two to three years old and the USS Fort Worth. The Committee directs the Secretary of the Navy to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act that would provide alternate uses for these vessels, such as missions in the Southern Command and Africa Command areas of responsibility. The report should also include any costs for additional components that are necessary to execute these missions.

#### MICROELECTRONICS

The Committee supports the significant investment included in the fiscal year 2023 President's Budget request for microelectronics. The Committee encourages the Secretary of Defense to continue critical microelectronics manufacturing and supply efforts required for our military and defense of the nation. Efforts of particular interest include enabling cost effective exploration of new materials, devices, and architectures, and prototyping in domestic university facilities to safeguard domestic intellectual property; accelerating the transition of new technologies to domestic microelectronics manufacturers; and conducting other relevant activities deemed necessary by the Secretary of Defense for expanding the global leadership of the United States through the establishment of a national network for microelectronics research and development.

#### CYBER ACTIVITIES

It remains unclear to the Committee which offices and positions at the Department of Defense are responsible for cyber, cybersecurity, and cyberspace policy and activities. For example, at quick glance the Committee finds a Deputy Assistant Secretary of Defense for Cyber Policy and a Deputy Principal Cyber Advisor for Cyber Policy in the office of the Under Secretary of Defense (USD) for Policy. In the office of the Chief Information Officer (CIO), also part of USD, there exists a Principal Director for Cyber Security, a Deputy CIO for Cybersecurity, and a Principal Deputy CIO who is noted as the primary advisor to the Secretary of Defense for cybersecurity. The Defense Information Systems Agency (DISA),



which reports to the CIO, has a Cyber Security and Analytics organization. U.S. Cyber Command “directs, synchronizes, and coordinates cyberspace planning and operations,” as noted in its mission statement and directly reports to the Secretary of Defense. The Department also has a Defense Cyber Crime Center which may also have responsibilities for cyber activities and policy. Along with the plethora of positions and organizations in the Office of the Secretary, each of the Services has its own cyber establishment.

To provide clarity, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees on this topic not later than 90 days after the enactment of this Act. The report should include an organizational chart listing each office that has responsibility for cyber activities noted, its responsibilities, and the reporting structure to leadership. The report should include descriptions and distinctions between the surfeit of cyber positions. The report should include similar information for the cyber activities in the Services. The report should include information and organizational placement for cyber education programs and scholarships, as well as who has responsibility for outreach and recruitment for cyber positions and education.

#### MEETING THE CLIMATE CHALLENGE

Senior military leaders have long recognized that a changing climate will have significant economic impacts across the globe, lead to food insecurity issues, and cause potential shifts in regional balances. With significant implications for United States national security, climate change is reshaping the geostrategic, operational, and tactical environments. Accordingly, the fiscal year 2023 President’s Budget requests funding for increased resiliency at military installations; improved energy efficiency and logistics; and research into reducing energy demand, improved storage, and other energy supplies. The Committee recommends the entire request of \$2,500,000,000 to meet the climate challenge.

#### FEDERAL LAW ENFORCEMENT

The explanatory statement that accompanied the Commerce, Justice, Science, and Related Agencies Appropriations Act, 2022 directed the Attorney General to ensure implementation of evidence-based training programs on de-escalation, the use-of force, and the protection of civil rights, that are broadly applicable and scalable to all Federal law enforcement agencies. Several agencies funded by this Act employ Federal law enforcement officers and are Federal Law Enforcement Training Centers partner organizations. These agencies are again directed to consult with the Attorney General regarding the implementation of these programs for their law enforcement officers. The Committee further directs such agencies to submit a report to the Committee on their efforts relating to such implementation not later than 90 days after consultation with the Attorney General. In addition, the Committee continues to direct such agencies to the extent that they are not already participating, to consult with the Attorney General and the Director of the FBI regarding participation in the National Use-of-Force Data Collection. The Committee further directs such agencies to submit a report to the Committee not later than 180 days after the enactment of this Act on their efforts to so participate.

## NONDISCLOSURE AGREEMENTS

The Committee urges the Secretary of Defense to amend the Defense Federal Acquisition Regulation Supplement to require procurement solicitations and contracts to include a clause prohibiting a contractor from requiring their employees or independent sub-contractors to enter into a non-disparagement or non-disclosure agreement related to workplace harassment as a condition of employment, including sexual harassment, sexual assault, or retaliation for reporting, resisting, opposing, or otherwise participating in a workplace harassment proceeding.

TITLE I

MILITARY PERSONNEL

The fiscal year 2023 Department of Defense military personnel budget request totals \$173,882,628,000. The Committee recommendation provides \$173,079,643,000 for the military personnel accounts. The table below summarizes the Committee recommendations:

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RECAPITULATION			
MILITARY PERSONNEL, ARMY.....	50,305,255	50,144,455	-160,800
MILITARY PERSONNEL, NAVY.....	36,629,226	36,244,037	-385,189
MILITARY PERSONNEL, MARINE CORPS.....	15,330,068	15,230,772	-99,296
MILITARY PERSONNEL, AIR FORCE.....	35,140,287	35,060,287	-80,000
MILITARY PERSONNEL, SPACE FORCE.....	1,117,361	1,084,361	-33,000
RESERVE PERSONNEL, ARMY.....	5,384,686	5,374,686	-10,000
RESERVE PERSONNEL, NAVY.....	2,410,777	2,400,777	-10,000
RESERVE PERSONNEL, MARINE CORPS.....	849,942	839,942	-10,000
RESERVE PERSONNEL, AIR FORCE.....	2,519,878	2,509,878	-10,000
NATIONAL GUARD PERSONNEL, ARMY.....	9,324,813	9,324,213	-600
NATIONAL GUARD PERSONNEL, AIR FORCE.....	5,127,335	5,123,235	-4,100
	=====	=====	=====
GRAND TOTAL, TITLE I, MILITARY PERSONNEL.....	164,139,628	163,336,643	-802,985
GRAND TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	9,743,000	9,743,000	---
	=====	=====	=====
GRAND TOTAL, MILITARY PERSONNEL.....	173,882,628	173,079,643	-802,985
	=====	=====	=====

## MILITARY PERSONNEL OVERVIEW

The Committee recommendation provides \$173,079,643,000 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 increased basic pay for all military personnel by 4.6 percent, effective January 1, 2023. The Committee continues to encourage constructive evaluations of recruitment and retention programs, bonus and special pay incentives, and personnel benefit programs for fiscal year 2023. 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 2023 budget request includes a decrease of 4,139 in total end strength for the active forces and a decrease of 508 in total end strength for the Selected Reserve as compared to fiscal year 2022 projected levels. Further, the total end strength in the budget request includes a decrease of 24,640 personnel below the fiscal year 2022 authorized level. 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 2022 authorized .....	1,348,040
Fiscal year 2023 budget request .....	1,328,300
Fiscal year 2023 recommendation .....	1,328,300
Compared with fiscal year 2022 .....	- 19,740
Compared with fiscal year 2023 budget request .....	- - -

## OVERALL SELECTED RESERVE END STRENGTH

Fiscal year 2022 authorized .....	799,500
Fiscal year 2023 budget request .....	794,600
Fiscal year 2023 recommendation .....	794,600
Compared with fiscal year 2022 .....	- 4,900
Compared with fiscal year 2023 budget request .....	- - -

## SUMMARY OF MILITARY PERSONNEL END STRENGTH

	Fiscal year 2023				
	Fiscal year 2022 authorized	Budget Request	Committee Recommended	Change from request	Change from fiscal year 2022
<b>Active Forces (End Strength)</b>					
Army .....	485,000	473,000	473,000	- - -	- 12,000
Navy .....	346,920	346,300	346,300	- - -	- 620
Marine Corps .....	178,500	177,000	177,000	- - -	- 1,500
Air Force .....	329,220	323,400	323,400	- - -	- 5,820
Space Force .....	8,400	8,600	8,600	- - -	200
Total, Active Forces .....	1,348,040	1,328,300	1,328,300	- - -	- 19,740
<b>Guard and Reserve Forces (End Strength)</b>					
Army Reserve .....	189,500	189,500	189,500	- - -	0
Navy Reserve .....	58,600	57,700	57,700	- - -	- 900
Marine Corps Reserve .....	36,800	33,000	33,000	- - -	- 3,800
Air Force Reserve .....	70,300	70,000	70,000	- - -	- 300
Army National Guard .....	336,000	336,000	336,000	- - -	0
Air National Guard .....	108,300	108,400	108,400	- - -	100

SUMMARY OF MILITARY PERSONNEL END STRENGTH—Continued

	Fiscal year 2023				
	Fiscal year 2022 authorized	Budget Request	Committee Recommended	Change from request	Change from fiscal year 2022
Total, Selected Reserve .....	799,500	794,600	794,600	---	- 4,900
Total, Military Personnel .....	2,147,540	2,122,900	2,122,900	0	- 24,640

REPROGRAMMING GUIDANCE FOR MILITARY PERSONNEL ACCOUNTS

The Secretary of Defense is directed to submit the Base for Re-programming (DD Form 1414) for each of the fiscal year 2023 appropriations 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 Defense Appropriations Sub-committees.

The Secretary of Defense is directed 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.

MINORITY OUTREACH AND OFFICER ACCESSIONS

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

CULTURAL SENSITIVITY TRAINING

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

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

#### TRAUMA TRAINING PROGRAM

The Committee recognizes the valuable support that universities, hospitals, and other military partners provide by offering civilian based emergency response trauma and critical care training including public health, bio-environmental, and biomedical instruction to sustain capabilities of the National Guard Enhanced Response Forces Packages, National Guard Homeland Response Forces, and Army Reserve Consequence Management Response Forces. The Committee encourages the Director of the National Guard Bureau and the Chiefs of the reserve components to continue pursuing advanced trauma and public health training with these civilian partners in order to maintain unit readiness. The Committee also encourages the development of enhanced medical and critical care preparedness programs. The Committee directs the National Guard to continue pursuing state-of-the-art trauma training, critical care, behavioral health, public health training and other ancillary, direct training with these civilian partners, thus maintaining unit readiness postures at optimum levels as individual members maintain their skills to provide effective mitigation, intervention and prevention responses, and successful medical outcomes to trauma incidents on the homeland and abroad.

#### EXTREMISM IN THE MILITARY

The Office of the Director of National Intelligence's assessment found domestic violent extremists, galvanized by recent political and societal events in the United States, pose a heightened threat to the homeland. The assessment found these extremists to be motivated by a range of ideologies, including white supremacy and anti-government sentiments. Further, the assessment found that false narratives such as fraud in the general election and conspiracy theories promoting violence will almost certainly spur domestic extremists to attempt acts of violence. This is particularly troubling when coupled with the Department of Defense's assessment that found extremist groups are actively seeking to recruit military personnel or enlist their own members in the military to obtain combat and tactical experience and gain sensitive national security-related knowledge.

The Committee understands the Department is taking steps such as updating Department of Defense Instruction 1325.06 to include an expanded definition of "extremist activities" as a matter of policy. The Department's efforts to address this threat continue to be complicated by an inability to collect and track extremist activity of servicemembers, gaps in investigative and record keeping procedures, and the absence of a mechanism to report extremist behavior or attempts at recruiting military personnel by extremist groups. Moreover, previous prevention programs implemented by the Department have yielded mixed results.

As the Department continues to implement the National Strategy for Countering Domestic Terrorism, the Committee expects the Secretary of Defense to prioritize resources necessary to execute the Strategy. The Committee directs the Secretary of Defense and

the Service Secretaries to provide a report to the congressional defense committees not later than 180 days after the enactment of this Act on the Department's progress in implementing the Strategy, including the funding requirements for each effort. Further, the Committee directs the Secretary of Defense to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act on the Department's progress on implementation of the recommendations set forth in the report provided in response to section 530 of Public Law 116-92 and dated October 14, 2020, as well as the Secretary of Defense memorandum "Immediate Actions to Counter Extremism in the Department and Establishment of the Countering Extremism Working Group" dated April 9, 2021. The Committee directs the Secretary of Defense to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act on the Department's progress in developing improved security clearance policies, procedures, and training to ensure that individuals who adhere to extremist ideologies do not have security clearances. Finally, the Committee encourages the Secretary of Defense and the Service Secretaries to study how counseling and other support services could be leveraged to prevent and reverse extremist beliefs held by active duty military personnel who are identified or self-identify as endorsing white supremacist or violent anti-government ideologies.

#### SUICIDE PREVENTION PROGRAM IMPLEMENTATION OVERSIGHT

In accordance with the U.S. Government Accountability Office (GAO) recommendations to address certain implementation gaps in the suicide prevention program (GAO-22-105888), the Committee directs the Secretaries of the Army, Navy, and Marine Corps to establish oversight mechanisms to help ensure that all command and installation level suicide prevention program activities are implemented as required across all installations and commands, including remote overseas installations. This is to ensure that servicemembers and dependents have access to suicide prevention resources or that suicide prevention procedures are followed in accordance with the Department and Services policies.

#### RECRUITMENT AND RETENTION OF WOMEN

The Committee recognizes that the Department has stated that the recruitment and retention of women is an important priority. Military personnel should reflect the nation's population. However, the percentage of active duty personnel who are female remains below 25 percent. The Committee directs the Secretary of Defense, in conjunction with the Services, to develop clear guidance for monitoring and guiding the Services' efforts to recruit and retain female active duty servicemembers, including establishing goals, performance measures, and timeframes for the implementation of such guidance. The Committee further directs the Secretary of Defense, and the Service Secretaries to brief the House and Senate Appropriations Committees on their efforts relating to the recruitment and retention of women not later than 90 days after the enactment of this Act.



## MILITARY SPOUSES

The Committee recognizes the need for comprehensive data measuring employment among military spouses over time. The Committee encourages the Department of Defense, in collaboration with the Bureau of Labor Statistics, to assess the potential for measuring labor market outcomes and characteristics of military spouses with existing survey data and explore options for modifying such surveys to capture this population.

## MARINE CORPS FORCE DESIGN

The Committee supports the ongoing modernization effort and recognizes that such a shift requires substantial adjustments in how the Marine Corps organizes, trains, and equips, moving away from traditional platforms in pursuit of a more resilient forward-deployed posture. The Committee directs the Secretary of the Navy, in conjunction with the Commandant of the Marine Corps, to provide a briefing to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act which details the timeline for achieving such force design changes, including how the Marine Corps' modernization strategy may impact possible future force structure gaps in the next five to ten years.

## SEXUAL ASSAULT PREVENTION AND RESPONSE

Sexual assault and sexual harassment in the military and at the Service academies have reached crisis proportions. The Fort Hood Independent Review Committee Report details the failures of senior leaders to create a safe and professional environment for all servicemembers and the failure at the command level to prevent and punish sexual harassment and assault at the most basic level. While specific to Fort Hood, the report describes deficiencies in command climate that pervade all the Services. The report findings are emblematic of the broader culture in the military where systemic leadership failures have led to a permissive environment, resulting in higher rates of sexual assaults and harassment.

The Committee notes the President's Budget provides \$479,000,000 to fully implement the recommendations of the Independent Review Commission on Sexual Assault and Sexual Harassment. The Committee recommendation includes full funding for this effort.

In addition, the Committee recommendation includes \$47,000,000 for the Special Victims' Counsel program for transfer to the Services, including the National Guard and reserve components.

## MILITARY FAMILIES AND FOOD INSECURITY

The Committee is concerned by the alarming rate of food insecurity faced by military families. While servicemembers and their families may have access to government food assistance, their ability to qualify can vary by program and location, forcing servicemembers to seek charitable food assistance or limit the ability to eat healthy or nutritious food. The coronavirus pandemic and its economic repercussions have only magnified the problem of food insecurity experienced by military families. For National Guard

and reserve personnel, the past year of near constant deployments to respond to the pandemic, civil unrest, and natural disasters has exacerbated the problem of food insecurity. Recent data from the United States Census Bureau found hunger among the Guard and reserve military personnel is more than double the national rate. The Committee notes the Secretary of Defense is required to submit a report providing an assessment of the current extent of food insecurity among servicemembers and their dependents as directed by the National Defense Authorization Act for Fiscal Year 2022. The Committee directs the Secretary of Defense to provide the report to the House and Senate Appropriations Committees in conjunction with its submission to the House and Senate Armed Services Committees and to provide a briefing to the House and Senate Appropriations Committees not later than 30 days after the submission of the report.

ASSISTANCE TO SERVICE MEMBERS

The Committee supports the Air Force’s initiative to help servicemembers and their families from states that have enacted anti-lesbian, gay, bisexual, transgender, queer, and intersex, plus, legislation and encourages the Secretary of Defense to implement similar policies Department-wide.

MILITARY PERSONNEL, ARMY

Fiscal year 2023 budget request .....	\$50,305,255,000
Committee recommendation .....	50,144,455,000
Change from budget request .....	- 160,800,000

The Committee recommends an appropriation of \$50,144,455,000 for Military Personnel, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	8,689,619	8,689,619	0
10 RETIRED PAY ACCRUAL	3,125,891	3,125,891	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	88,023	88,023	0
25 BASIC ALLOWANCE FOR HOUSING	2,530,707	2,530,707	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	342,438	342,438	0
35 INCENTIVE PAYS	103,111	103,111	0
40 SPECIAL PAYS	368,226	368,226	0
45 ALLOWANCES	187,440	187,440	0
50 SEPARATION PAY	73,246	73,246	0
55 SOCIAL SECURITY TAX	663,067	663,067	0
60 BASIC PAY	15,835,980	15,835,980	0
65 RETIRED PAY ACCRUAL	5,719,856	5,719,856	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	258,147	258,147	0
80 BASIC ALLOWANCE FOR HOUSING	5,367,592	5,367,592	0
85 INCENTIVE PAYS	88,064	88,064	0
90 SPECIAL PAYS	720,050	720,050	0
95 ALLOWANCES	704,619	704,619	0
100 SEPARATION PAY	291,756	291,756	0
105 SOCIAL SECURITY TAX	1,211,452	1,211,452	0
110 ACADEMY CADETS	101,808	101,808	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,408,398	1,408,398	0
120 SUBSISTENCE-IN-KIND	756,055	756,055	0
125 ACCESSION TRAVEL	138,210	138,210	0
130 TRAINING TRAVEL	172,155	172,155	0
135 OPERATIONAL TRAVEL	476,368	476,368	0



MILITARY PERSONNEL, NAVY

Fiscal year 2023 budget request .....	\$36,629,226,000
Committee recommendation .....	36,244,037,000
Change from budget request .....	-385,189,000

The Committee recommends an appropriation of \$36,244,037,000 for Military Personnel, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	5,159,618	5,159,618	0
10 RETIRED PAY ACCRUAL	1,896,069	1,896,069	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	66,077	66,077	0
25 BASIC ALLOWANCE FOR HOUSING	1,762,103	1,762,103	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	197,763	197,763	0
35 INCENTIVE PAYS	160,679	160,679	0
40 SPECIAL PAYS	473,069	473,069	0
45 ALLOWANCES	123,399	123,399	0
50 SEPARATION PAY	58,370	58,370	0
55 SOCIAL SECURITY TAX	393,882	393,882	0
60 BASIC PAY	11,631,449	11,631,449	0
65 RETIRED PAY ACCRUAL	4,283,545	4,283,545	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	183,647	183,647	0
80 BASIC ALLOWANCE FOR HOUSING	5,368,651	5,368,651	0
85 INCENTIVE PAYS	118,029	118,029	0
90 SPECIAL PAYS	1,085,609	1,085,609	0
95 ALLOWANCES	546,816	546,816	0
100 SEPARATION PAY	116,937	116,937	0
105 SOCIAL SECURITY TAX	889,825	889,825	0
110 MIDSHIPMEN	102,772	102,772	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	979,326	979,326	0
120 SUBSISTENCE-IN-KIND	464,095	464,095	0
121 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	5	5	0
125 ACCESSION TRAVEL	96,540	96,540	0
130 TRAINING TRAVEL	105,554	105,554	0

M-1	Budget Request	Committee Recommended	Change from Request
135 OPERATIONAL TRAVEL	277,373	277,373	0
140 ROTATIONAL TRAVEL	233,664	233,664	0
145 SEPARATION TRAVEL	135,929	135,929	0
150 TRAVEL OF ORGANIZED UNITS	30,867	30,867	0
155 NON-TEMPORARY STORAGE	15,647	15,647	0
160 TEMPORARY LODGING EXPENSE	20,926	20,926	0
170 APPREHENSION OF MILITARY DESERTERS	55	55	0
175 INTEREST ON UNIFORMED SERVICES SAVINGS	664	664	0
180 DEATH GRATUITIES	21,200	21,200	0
185 UNEMPLOYMENT BENEFITS	38,528	38,528	0
195 EDUCATION BENEFITS	543	543	0
200 ADOPTION EXPENSES	126	126	0
210 TRANSPORTATION SUBSIDY	3,168	3,168	0
215 PARTIAL DISLOCATION ALLOWANCE	16	16	0
216 SGLI EXTRA HAZARD PAYMENTS	3,805	3,805	0
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	22,926	22,926	0
218 JUNIOR ROTC	15,924	15,924	0
LESS REIMBURSABLES	-455,964	-455,964	0
UNDISTRIBUTED ADJUSTMENT	0	-385,189	-385,189
Historical unobligated balances		-385,189	
300 HEALTH CARE CONTRIBUTION - OFFICERS	328,907	328,907	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	1,657,214	1,657,214	0

MILITARY PERSONNEL, MARINE CORPS

Fiscal year 2023 budget request .....	\$15,330,068,000
Committee recommendation .....	15,230,772,000
Change from budget request .....	- 99,296,000

The Committee recommends an appropriation of \$15,230,772,000 for Military Personnel, Marine Corps which will provide the following program in fiscal year 2023:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	1,891,628	1,891,628	0
10 RETIRED PAY ACCRUAL	696,947	696,947	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	30,075	30,075	0
25 BASIC ALLOWANCE FOR HOUSING	619,108	619,108	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	75,580	75,580	0
35 INCENTIVE PAYS	53,336	53,336	0
40 SPECIAL PAYS	14,076	14,076	0
45 ALLOWANCES	40,497	40,497	0
50 SEPARATION PAY	20,244	20,244	0
55 SOCIAL SECURITY TAX	140,210	140,210	0
60 BASIC PAY	5,548,684	5,548,684	0
65 RETIRED PAY ACCRUAL	2,042,496	2,042,496	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	150,520	150,520	0
80 BASIC ALLOWANCE FOR HOUSING	1,711,955	1,711,955	0
85 INCENTIVE PAYS	8,881	8,881	0
90 SPECIAL PAYS	213,348	213,348	0
95 ALLOWANCES	307,453	307,453	0
100 SEPARATION PAY	101,202	101,202	0
105 SOCIAL SECURITY TAX	424,068	424,068	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	453,167	453,167	0
120 SUBSISTENCE-IN-KIND	344,323	344,323	0
121 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	10	10	0
125 ACCESSION TRAVEL	49,648	49,648	0
130 TRAINING TRAVEL	18,820	18,820	0
135 OPERATIONAL TRAVEL	161,027	161,027	0

M-1	Budget Request	Committee Recommended	Change from Request
140 ROTATIONAL TRAVEL	89,215	89,215	0
145 SEPARATION TRAVEL	87,105	87,105	0
150 TRAVEL OF ORGANIZED UNITS	1,116	1,116	0
155 NON-TEMPORARY STORAGE	10,380	10,380	0
160 TEMPORARY LODGING EXPENSE	2,180	2,180	0
170 APPREHENSION OF MILITARY DESERTERS	250	250	0
175 INTEREST ON UNIFORMED SERVICES SAVINGS	126	126	0
180 DEATH GRATUITIES	13,400	13,400	0
185 UNEMPLOYMENT BENEFITS	31,089	31,089	0
195 EDUCATION BENEFITS	1	1	0
200 ADOPTION EXPENSES	70	70	0
210 TRANSPORTATION SUBSIDY	1,529	1,529	0
215 PARTIAL DISLOCATION ALLOWANCE	9	9	0
216 SGLI EXTRA HAZARD PAYMENTS	2,319	2,319	0
218 JUNIOR ROTC	3,999	3,999	0
LESS REIMBURSABLES	-30,023	-30,023	0
UNDISTRIBUTED ADJUSTMENT	0	-99,296	-99,296
Historical unobligated balances		-99,296	
300 HEALTH CARE CONTRIBUTION - OFFICERS	126,511	126,511	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	900,862	900,862	0

MILITARY PERSONNEL, AIR FORCE

Fiscal year 2023 budget request .....	\$35,140,287,000
Committee recommendation .....	35,060,287,000
Change from budget request .....	-80,000,000

The Committee recommends an appropriation of \$35,060,287,000 for Military Personnel, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	5,811,078	5,811,078	0
10 RETIRED PAY ACCRUAL	2,106,760	2,106,760	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	70,764	70,764	0
25 BASIC ALLOWANCE FOR HOUSING	1,737,650	1,737,650	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	220,818	220,818	0
35 INCENTIVE PAYS	387,163	387,163	0
40 SPECIAL PAYS	365,878	365,878	0
45 ALLOWANCES	128,513	128,513	0
50 SEPARATION PAY	42,327	42,327	0
55 SOCIAL SECURITY TAX	443,862	443,862	0
60 BASIC PAY	10,868,244	10,868,244	0
65 RETIRED PAY ACCRUAL	3,950,240	3,950,240	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	149,927	149,927	0
80 BASIC ALLOWANCE FOR HOUSING	4,482,320	4,482,320	0
85 INCENTIVE PAYS	66,124	66,124	0
90 SPECIAL PAYS	372,403	372,403	0
95 ALLOWANCES	663,448	663,448	0
100 SEPARATION PAY	98,310	98,310	0
105 SOCIAL SECURITY TAX	831,420	831,420	0
110 ACADEMY CADETS	90,350	90,350	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	1,199,558	1,199,558	0
120 SUBSISTENCE-IN-KIND	296,024	296,024	0
125 ACCESSION TRAVEL	92,491	92,491	0
130 TRAINING TRAVEL	59,414	59,414	0
135 OPERATIONAL TRAVEL	298,434	298,434	0

M-1	Budget Request	Committee Recommended	Change from Request
140 ROTATIONAL TRAVEL	457,026	457,026	0
145 SEPARATION TRAVEL	143,126	143,126	0
150 TRAVEL OF ORGANIZED UNITS	2,844	2,844	0
155 NON-TEMPORARY STORAGE	42,406	42,406	0
160 TEMPORARY LODGING EXPENSE	21,026	21,026	0
170 APPREHENSION OF MILITARY DESERTERS	25	25	0
175 INTEREST ON UNIFORMED SERVICES SAVINGS	1,603	1,603	0
180 DEATH GRATUITIES	18,700	18,700	0
185 UNEMPLOYMENT BENEFITS	28,267	28,267	0
200 ADOPTION EXPENSES	305	305	0
210 TRANSPORTATION SUBSIDY	2,927	2,927	0
215 PARTIAL DISLOCATION ALLOWANCE	99	99	0
216 SGLI EXTRA HAZARD PAYMENTS	4,767	4,767	0
217 RESERVE OFFICERS TRAINING CORPS (ROTC)	44,609	44,609	0
218 JUNIOR ROTC	19,812	19,812	0
LESS REIMBURSABLES	-480,775	-480,775	0
UNDISTRIBUTED ADJUSTMENT	0	-80,000	-80,000
Historical unobligated balances		-80,000	
300 HEALTH CARE CONTRIBUTION - OFFICERS	353,964	353,964	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	1,501,369	1,501,369	0

MILITARY PERSONNEL, SPACE FORCE

Fiscal year 2023 budget request .....	\$1,117,361,000
Committee recommendation .....	1,084,361,000
Change from budget request .....	- 33,000,000

The Committee recommends an appropriation of \$1,084,361,000 for Military Personnel, Space Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
5 BASIC PAY	393,549	393,549	0
10 RETIRED PAY ACCRUAL	145,221	145,221	0
11 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	4,000	4,000	0
25 BASIC ALLOWANCE FOR HOUSING	121,963	121,963	0
30 BASIC ALLOWANCE FOR SUBSISTENCE	15,049	15,049	0
40 SPECIAL PAYS	1,002	1,002	0
45 ALLOWANCES	2,025	2,025	0
50 SEPARATION PAY	1,786	1,786	0
55 SOCIAL SECURITY TAX	30,062	30,062	0
60 BASIC PAY	169,954	169,954	0
65 RETIRED PAY ACCRUAL	62,712	62,712	0
66 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	2,536	2,536	0
80 BASIC ALLOWANCE FOR HOUSING	89,870	89,870	0
90 SPECIAL PAYS	3,744	3,744	0
95 ALLOWANCES	6,152	6,152	0
100 SEPARATION PAY	213	213	0
105 SOCIAL SECURITY TAX	13,001	13,001	0
115 BASIC ALLOWANCE FOR SUBSISTENCE	20,539	20,539	0
125 ACCESSION TRAVEL	4,057	4,057	0
130 TRAINING TRAVEL	2,554	2,554	0
135 OPERATIONAL TRAVEL	17,212	17,212	0
140 ROTATIONAL TRAVEL	1,994	1,994	0
145 SEPARATION TRAVEL	5,267	5,267	0
150 TRAVEL OF ORGANIZED UNITS	89	89	0
155 NON-TEMPORARY STORAGE	1,015	1,015	0

M-1	Budget Request	Committee Recommended	Change from Request
160 TEMPORARY LODGING EXPENSE	788	788	0
180 DEATH GRATUITIES	500	500	0
185 UNEMPLOYMENT BENEFITS	365	365	0
200 ADOPTION EXPENSES	8	8	0
210 TRANSPORTATION SUBSIDY	134	134	0
UNDISTRIBUTED ADJUSTMENT	0	-33,000	-33,000
Historical unobligated balances		-33,000	
300 HEALTH CARE CONTRIBUTION - OFFICERS	25,284	25,284	0
300 HEALTH CARE CONTRIBUTION - ENLISTED	23,765	23,765	0



RESERVE PERSONNEL, ARMY

Fiscal year 2023 budget request .....	\$5,384,686,000
Committee recommendation .....	5,374,686,000
Change from budget request .....	- 10,000,000

The Committee recommends an appropriation of \$5,374,686,000 for Reserve Personnel, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	1,709,050	1,709,050	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	49,447	49,447	0
30 PAY GROUP F TRAINING (RECRUITS)	225,142	225,142	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	8,917	8,917	0
60 MOBILIZATION TRAINING	3,008	3,008	0
70 SCHOOL TRAINING	238,162	238,162	0
80 SPECIAL TRAINING	359,443	359,443	0
90 ADMINISTRATION AND SUPPORT	2,654,243	2,654,243	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	19,955	19,955	0
100 EDUCATION BENEFITS	10,008	10,008	0
120 HEALTH PROFESSION SCHOLARSHIP	64,520	64,520	0
130 OTHER PROGRAMS (ADMIN & SUPPORT)	42,791	42,791	0
UNDISTRIBUTED ADJUSTMENT	0	-10,000	-10,000
Historical unobligated balances		-10,000	
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	489,923	489,923	0

RESERVE PERSONNEL, NAVY

Fiscal year 2023 budget request .....	\$2,410,777,000
Committee recommendation .....	2,400,777,000
Change from budget request .....	- 10,000,000

The Committee recommends an appropriation of \$2,400,777,000 for Reserve Personnel, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	776,312	776,312	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	10,835	10,835	0
30 PAY GROUP F TRAINING (RECRUITS)	56,507	56,507	0
60 MOBILIZATION TRAINING	15,177	15,177	0
70 SCHOOL TRAINING	57,990	57,990	0
80 SPECIAL TRAINING	173,288	173,288	0
90 ADMINISTRATION AND SUPPORT	1,252,436	1,252,436	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	7,155	7,155	0
100 EDUCATION BENEFITS	130	130	0
120 HEALTH PROFESSION SCHOLARSHIP	60,947	60,947	0
UNDISTRIBUTED ADJUSTMENT	0	-10,000	-10,000
Historical unobligated balances		-10,000	
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	167,928	167,928	0

RESERVE PERSONNEL, MARINE CORPS

Fiscal year 2023 budget request .....	\$849,942,000
Committee recommendation .....	839,942,000
Change from budget request .....	- 10,000,000

The Committee recommends an appropriation of \$839,942,000 for Reserve Personnel, Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	234,658	234,658	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	46,424	46,424	0
30 PAY GROUP F TRAINING (RECRUITS)	152,649	152,649	0
60 MOBILIZATION TRAINING	1,461	1,461	0
70 SCHOOL TRAINING	24,312	24,312	0
80 SPECIAL TRAINING	64,417	64,417	0
90 ADMINISTRATION AND SUPPORT	306,725	306,725	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	6,615	6,615	0
95 PLATOON LEADER CLASS	6,907	6,907	0
100 EDUCATION BENEFITS	5,774	5,774	0
UNDISTRIBUTED ADJUSTMENT	0	-10,000	-10,000
Historical unobligated balances		-10,000	
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	82,870	82,870	0

RESERVE PERSONNEL, AIR FORCE

Fiscal year 2023 budget request .....	\$2,519,878,000
Committee recommendation .....	2,509,878,000
Change from budget request .....	- 10,000,000

The Committee recommends an appropriation of \$2,509,878,000 for Reserve Personnel, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	744,411	744,411	0
20 PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY)	107,354	107,354	0
30 PAY GROUP F TRAINING (RECRUITS)	72,181	72,181	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	5,194	5,194	0
60 MOBILIZATION TRAINING	570	570	0
70 SCHOOL TRAINING	221,731	221,731	0
80 SPECIAL TRAINING	351,425	351,425	0
90 ADMINISTRATION AND SUPPORT	928,379	928,379	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	10,621	10,621	0
100 EDUCATION BENEFITS	10,950	10,950	0
120 HEALTH PROFESSION SCHOLARSHIP	64,130	64,130	0
130 OTHER PROGRAMS (ADMIN & SUPPORT)	2,932	2,932	0
UNDISTRIBUTED ADJUSTMENT	0	-10,000	-10,000
Historical unobligated balances		-10,000	
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	180,701	180,701	0



NATIONAL GUARD PERSONNEL, ARMY

Fiscal year 2023 budget request .....	\$9,324,813,000
Committee recommendation .....	9,324,213,000
Change from budget request .....	-600,000

The Committee recommends an appropriation of \$9,324,213,000 for National Guard Personnel, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	2,657,734	2,657,734	0
30 PAY GROUP F TRAINING (RECRUITS)	552,298	552,298	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	47,941	47,941	0
70 SCHOOL TRAINING	587,537	587,537	0
80 SPECIAL TRAINING	757,064	766,764	9,700
Program Increase - State Partnership Program		9,700	
90 ADMINISTRATION AND SUPPORT	4,642,452	4,642,452	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	70,700	70,700	0
100 EDUCATION BENEFITS	9,087	9,087	0
UNDISTRIBUTED ADJUSTMENT	0	-10,300	-10,300
Historical unobligated balances		-20,000	
Program Increase - trauma		1,200	
Program Increase - Exercise Northern Strike		8,500	
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	874,195	874,195	0

NATIONAL GUARD PERSONNEL, AIR FORCE

Fiscal year 2023 budget request .....	\$5,127,335,000
Committee recommendation .....	5,123,235,000
Change from budget request .....	-4,100,000

The Committee recommends an appropriation of \$5,123,235,000 for National Guard Personnel, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
10 PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48)	934,473	934,473	0
30 PAY GROUP F TRAINING (RECRUITS)	147,492	147,492	0
40 PAY GROUP P TRAINING (PIPELINE RECRUITS)	5,808	5,808	0
70 SCHOOL TRAINING	380,343	380,343	0
80 SPECIAL TRAINING	267,431	270,931	3,500
Program Increase - State Partnership Program		3,500	
90 ADMINISTRATION AND SUPPORT	3,363,168	3,363,168	0
94 THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	19,559	19,559	0
100 EDUCATION BENEFITS	9,061	9,061	0
UNDISTRIBUTED ADJUSTMENT	0	-7,600	-7,600
Historical unobligated balances		-12,000	
Program Increase - trauma		2,400	
Program Increase - Exercise Northern Strike		2,000	
300 HEALTH CARE CONTRIBUTION - RESERVE COMPONENT	336,040	336,040	0

## TITLE II

### OPERATION AND MAINTENANCE

The fiscal year 2023 Department of Defense operation and maintenance budget request totals \$270,208,500,000. The Committee recommendation provides \$269,360,279,000 for the operation and maintenance accounts. The table below summarizes the Committee recommendations:

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
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RECAPITULATION			
OPERATION & MAINTENANCE, ARMY.....	58,117,556	57,583,205	-534,351
OPERATION & MAINTENANCE, NAVY.....	66,151,951	65,775,711	-376,240
OPERATION & MAINTENANCE, MARINE CORPS.....	9,660,944	9,638,125	-22,819
OPERATION & MAINTENANCE, AIR FORCE.....	58,281,242	58,038,438	-242,804
OPERATION & MAINTENANCE, SPACE FORCE.....	4,034,658	3,967,658	-67,000
OPERATION & MAINTENANCE, DEFENSE-WIDE.....	48,406,516	48,663,571	+257,055
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF).....	541,692	450,000	-91,692
OPERATION & MAINTENANCE, ARMY RESERVE.....	3,228,504	3,169,504	-59,000
OPERATION & MAINTENANCE, NAVY RESERVE.....	1,228,300	1,216,300	-12,000
OPERATION & MAINTENANCE, MARINE CORPS RESERVE.....	304,233	340,733	+36,500
OPERATION & MAINTENANCE, AIR FORCE RESERVE.....	3,564,544	3,535,544	-29,000
OPERATION & MAINTENANCE, ARMY NATIONAL GUARD.....	8,157,237	8,094,937	-62,300
OPERATION & MAINTENANCE, AIR NATIONAL GUARD.....	6,900,679	6,908,979	+8,300
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES...	16,003	16,003	---
ENVIRONMENTAL RESTORATION, ARMY.....	196,244	273,700	+77,456
ENVIRONMENTAL RESTORATION, NAVY.....	359,348	390,113	+30,765
ENVIRONMENTAL RESTORATION, AIR FORCE.....	314,474	438,810	+124,336
ENVIRONMENTAL RESTORATION, DEFENSE-WIDE.....	8,924	10,979	+2,055
ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES	227,262	292,580	+65,318
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID.....	112,800	150,000	+37,200
COOPERATIVE THREAT REDUCTION ACCOUNT.....	341,598	351,598	+10,000
DOD ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT.....	53,791	53,791	---
	=====	=====	=====
GRAND TOTAL, OPERATION & MAINTENANCE.....	270,208,500	269,360,279	-848,221
	=====	=====	=====

REPROGRAMMING GUIDANCE FOR OPERATION AND  
MAINTENANCE ACCOUNTS

The Secretary of Defense is directed to submit the Base for Re-programming (DD Form 1414) for each of the fiscal year 2023 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 this report is submitted to the House and Senate Defense Appropriations Subcommittees.

The Secretary of Defense is directed to use the normal prior approval reprogramming procedures to transfer funds in the Services' operation and maintenance accounts between O-1 budget activities, or between sub-activity groups in the case of Operation and Maintenance, Defense-Wide, in excess of \$10,000,000. In addition, the Secretary of Defense shall follow prior approval reprogramming procedures for transfers in excess of \$10,000,000 out of the following readiness sub-activity groups:

*Army:*

- Maneuver units
- Modular support brigades
- Land forces operations support
- Aviation assets
- Force readiness operations support
- Land forces depot maintenance
- Base operations support
- Facilities sustainment, restoration, and modernization
- Specialized skill training
- Flight training

*Navy:*

- Mission and other flight operations
- Fleet air training
- Aircraft depot maintenance
- Mission and other ship operations
- Ship depot maintenance
- Combat support forces
- Facilities sustainment, restoration, and modernization
- Base operating support

*Marine Corps:*

- Operational forces
- Field logistics
- Depot maintenance
- Facilities sustainment, restoration, and modernization

*Air Force:*

- Primary combat forces
- Combat enhancement forces
- Depot purchase equipment maintenance
- Facilities sustainment, restoration, and modernization
- Contractor logistics support and system support
- Flying hour program

*Space Force:*

- Global C3I and early warning

Space operations  
 Contractor logistics support and system support  
 Administration

Additionally, the Secretary of Defense is directed to use normal prior approval reprogramming procedures when implementing transfers in excess of \$10,000,000 into the following budget sub-activities:

*Air Force:*

Base support

*Operation and Maintenance, Army National Guard:*

Base operations support

Facilities sustainment, restoration, and modernization

*Operation and Maintenance, Air National Guard:*

Aircraft operations

Contractor logistics support and systems support

#### REPROGRAMMING GUIDANCE FOR SPECIAL OPERATIONS COMMAND

The Committee directs the Secretary of Defense to submit a baseline report that shows the Special Operations Command's operation and maintenance funding by sub-activity group for the fiscal year 2023 appropriation not later than 60 days after the enactment of this Act. The Secretary of Defense is further directed to submit quarterly execution reports to the congressional defense committees not later than 45 days after the end of each fiscal quarter that addresses the rationale for the realignment of any funds within and between budget sub-activities and the movement of any base funds used to support overseas contingency operations. Finally, the Secretary of Defense is directed to notify the congressional defense committees 30 days prior to the realignment of funds in excess of \$10,000,000 between sub-activity groups.

#### 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 this 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.

#### QUARTERLY OPERATION AND MAINTENANCE UPDATES

Regular interaction with each of the Services' financial management offices enhances the ability of the Committee to perform its essential oversight responsibilities. Through these interactions, the Committee gains a better understanding of the challenges each of the Services face with the obligation and execution of their programs and contracts. The Committee notes the successful quarterly meetings this year with each of the Services and directs the Director of each of the Service's Operations Divisions (Financial Management and Budget) to continue to provide quarterly briefings to the



House and Senate Appropriations Committees on their respective operation and maintenance execution rates in fiscal year 2023.

#### COMBATANT COMMANDS AND NATURAL RESOURCE PROGRAMS

The Committee recommendation includes \$35,000,000 for the combatant commands to partner with the United States Forest Service in support of international programs that support national security priorities related to the destabilizing effects of extreme weather conditions.

#### NATIONAL DISASTERS

The Committee directs the Secretary of Defense and the Chief of the National Guard Bureau to provide a briefing to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act on how the Department of Defense may more effectively and efficiently apportion National Guard forces when faced with domestic wildfires, floods and hurricanes, especially those that may place a heightened risk to highly populated areas prone to such disasters. The briefing shall focus on whether the number of members of the National Guard is sufficient to meet the requirements of their domestic responses and shifting populations.

#### BISON MEAT

The Committee understands that bison meat is a healthy and nutritional food choice that is also a sustainable American produced food source. The Committee directs the Secretary of Defense and the Service Secretaries to explore increasing procurement of bison meat, consistent with the Buy American Act, with the goal of procuring two million pounds of bison meat annually to promote bison as a healthy and sustainable food source and further treaty and trust responsibilities and Native American Agriculture. The Committee encourages the Secretary of Defense and the Service Secretaries to explore using the authority of the Buy Indian Act, 25 U.S.C. 47 to procure bison and other livestock products, crops, fresh fruit, and vegetable produce from Indian tribes and tribal organizations at a sustainable price.

#### RESTORING READINESS

The Committee recommendation includes additional readiness funds for each of the Services within the operation and maintenance accounts which shall only be used to improve military readiness, including providing for increased training and depot maintenance activities. None of the funding provided may be used for recruiting, marketing, or advertising programs. The additional funding is a congressional special interest item. The Committee directs the Secretary of Defense and the Service Secretaries to submit a detailed spend plan by sub-activity group to the House and Senate Appropriations Committees not less than 30 days prior to the obligation of these funds.

#### PILOT SHORTAGES

The Committee supports efforts throughout the Department of Defense to address the shortage of pilots across the Services. The

Committee encourages the Secretary of Defense and the Service Secretaries to work with higher education institutions, including Historically Black Colleges and University, Hispanic Serving Institutions and other Minority Serving Institutions, to develop programs that will prepare more students to meet the eligibility requirements for pilot training. In addition, the Committee encourages the Secretary of the Air Force to examine university-based training for Air Force ROTC Cadets and civilian aviation students as pilots and sensor operators for remotely piloted aircraft. The Committee directs the Secretary of Defense, in coordination with the Service Secretaries, to submit a report to congressional defense committees on these efforts not later than 60 days after the enactment of this Act.

#### MINORITY AND WOMEN-OWNED SMALL BUSINESSES

The Committee directs the Secretary of Defense to submit a quarterly report, beginning 45 days after the enactment of this Act, to the House and Senate Appropriations Committees on its efforts to work with small minority and women-owned businesses. The report shall specify the number of minority and women-owned small businesses receiving contracts from funds appropriated under this Act, and the amount awarded to each minority and women-owned small business receiving contracts from funds appropriated under this Act. The report shall also include disaggregated data, to include gender and ethnicity, on the goods and services acquired by the Department of Defense in the United States or from sources from the United States from a for-profit entity with funds authorized to be appropriated under this Act is acquired from small business concerns owned and controlled by socially and economically disadvantaged individuals (as such term is defined in section 8(d)(3)(C) of the Small Business Act (15 U.S.C. 367(d)(3)(C)).

#### TRIBAL CONSULTATION

The Administration issued a Presidential Memorandum on January 26, 2021, regarding Tribal Consultation and Strengthening Nation-to-Nation Relationships. This memorandum requires agencies to create a plan of action to implement Executive Order 13175 which obligates federal agencies to consult with tribes when developing policies with tribal implications. The January 26, 2021 memorandum aligns with congressional guidance outlined in Section 2802 of P.L. 116–92, which encourages the Department of Defense to begin tribal consultations as soon as possible for any project that is likely to impact tribal lands, cultural properties, or treaty rights. The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act which outlines how the Department of Defense is upholding the requirements outlined in the January 26, 2021 Presidential Memorandum. This report should also detail the Department’s efforts to work with tribal communities with a specific emphasis on the impacts of naval installations that coexist with tribal communities.

## CHILDCARE

The Committee recognizes the ongoing stresses on military families trying to secure suitable childcare. Military families can face long waitlists, lengthy commutes, irregular hours, budget constraints, insufficient open hours, and prohibitive expenses. The Committee commends the Administration's efforts in the budget to alleviate these challenges. To ensure that the increases in the fiscal year 2023 budget are sufficient, the Committee directs the Secretary of Defense to continue to review existing childcare fee assistance programs, including Military Child Care in Your Neighborhood (MCCYN), Military Child Care in Your Neighborhood—PLUS (MCCYN—PLUS), and other Department of Defense childcare programs, to ensure they will meet the needs of military families with children. Upon receiving the review's results, the Secretary of Defense shall submit to the congressional defense committees a report not later than 120 days after the enactment of this Act that identifies gaps and a plan for improvements needed in the Department's childcare fee assistance programs' subsidies, accreditation requirements, and other details to better support military families.

## MAINTENANCE OF FACILITIES

The Committee notes that significant investment has been made to either construct or restore Child Development Centers and unaccompanied housing units for servicemembers. It is vital that each of the Services maintain these facilities. The Committee encourages the Services Secretaries to utilize their facilities sustainment, restoration and maintenance funds for quality-of-life facilities at the highest amount possible to ensure the existing buildings are being maintained to the standards we expect for our servicemembers.

## ADVERTISING

The Committee understands that, as the largest advertiser in the United States, the federal government should work to ensure fair access to its advertising contracts for small, disadvantaged businesses and businesses owned by minorities and women. The Committee directs each department and agency to include the following information in its fiscal year 2024 budget justification: expenditures for fiscal year 2023 and expected expenditures for fiscal year 2024 for all contracts for advertising services; and contracts for the advertising services of socially and economically disadvantaged small businesses concerns (as defined in section 8(a)(4) of the Small Business Act (15 U.S.C. 637(a)(4)); and women- and minority-owned businesses.

## MEALS READY-TO-EAT WAR RESERVE

The Committee recommendation supports the fiscal year 2023 request for the Defense Logistics Agency's request for meals ready-to-eat and reaffirms its support for the War Reserve stock objective of 5,000,000 cases.

## MILITARY CRIMINAL INVESTIGATIVE ORGANIZATIONS

The Committee recognizes that Military Criminal Investigative Organizations (MCIOs), which include the U.S. Army Criminal In-

investigation Division (CID), the Naval Criminal Investigative Service (NCIS), and the Air Force Office of Special Investigations (OSI), each play a critical role in bringing servicemembers who commit serious felonies to justice and in finding justice for servicemembers who are the victims of felonies. The foundation for justice is rooted in quality criminal investigations. The Committee notes the budget increases included in the fiscal year 2023 Service budget requests and directs each Service Secretary to refrain from making mid-year budget cuts to the MCIOs in fiscal year 2023.

#### PLANT-BASED FOOD OPTIONS FOR SERVICEMEMBERS

The Committee recognizes the value of the nutritional health and well-being of servicemembers and the growing demand for plant-based foods. Therefore, the Committee encourages the Secretary of Defense to use the Food Service Guidelines for Federal Facilities, and to implement daily nutritious plant-based food options into meal choices. The Committee encourages the Secretary of Defense to use funding provided to offer at least one plant-based full-service entree option at each meal.

#### DISCHARGE REVIEW BOARDS

The Committee directs all Discharge Review Boards and Service respective Boards for Correction of Military Records to provide explicit information on their web pages for veterans seeking review of their discharges due to the “Don’t Ask Don’t Tell” (DADT) policy or similar policy in place prior to the enactment of DADT, and to ensure that such reviews are administered consistently and uniformly across all branches of the Armed Forces. The Committee directs the Secretary of Defense to provide documentation of the information on each website to the congressional defense committees not later than 90 days after the enactment of this Act.

#### JUSTIFICATION DOCUMENTS

The Committee is concerned that some of the justification books and documents provided by the Department of Defense and the Services do not provide an adequate accounting for the funding requested. Neither documentation from the Pacific Deterrence Initiative (PDI) nor the European Deterrence Initiative (EDI) books match the information for additional funds included in the Services’ justification documents. Nor do the descriptions of activities seem to change. In examining the documents, some of the descriptions are exactly the same year to year. Therefore, the Committee directs that the PDI and EDI justification documents be augmented with the submission of the fiscal year 2024 justification materials to include the following:

- (1) Each individual activity receiving funds will include the amount of increase in funding (not an overall top line increase);
- (2) Each individual activity will also include the baseline of funds from the previous fiscal year.

Each augmented program or activity will specify which service, account, subactivity group or program element line is increasing.

## LANGUAGE FLAGSHIP PROGRAM

The Committee recognizes the National Security Education Program provides training for servicemembers and civilians in languages and cultures critical to national security. The Committee recommendation restores the funding removed in the budget request for this critical program and includes a total of \$28,000,000 for the program. The Committee encourages the Secretary of Defense to continue supporting programs that ensure warfighters receive the language and culture training needed to effectively complete missions. Additionally, the Committee directs the Secretary of Defense to submit a spend plan for this program's funding to the House and Senate Appropriations Committees not later than 15 days prior to the obligation of funds.

The Committee is concerned about the lack of military personnel with advanced language skills and believes this could be addressed by promoting foreign language study programs targeting elementary and secondary students. The National Defense Authorization Act for Fiscal Year 2020 authorized the development of a competitive grant program to provide support to eligible entities, including Department of Defense Education Activity schools, for the establishment, improvement, or expansion of world language study for this population. In support of this program, the Committee recommendation includes an additional \$15,000,000 for Department of Defense Education Activity schools. The Committee directs the Secretary of Defense to provide a detailed spend plan to the House and Senate Appropriations Committees for the implementation of the program, which should commence with the 2023–2024 academic year, not later than 45 days after the enactment of this Act.

Additionally, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than October 1, 2023 which lists the schools that receive funds, in what amount, and how the funds were executed, as well as how the Department plans to expand the program to public schools in a local education agency that hosts a unit of the Junior Reserve Officers Corps Training Center, in the following academic year.

## INDIAN FINANCING ACT

The Committee recommendation includes funds for activities authorized in the Indian Financing Act of 1974 and directs the Secretary of Defense to obligate such funds not later than 90 days after the enactment of this Act.

## WORKFORCE DEVELOPMENT PROGRAMS

The Committee included requests for several reports in House Report 117–88 on workforce issues; unfortunately, to date, the Administration has failed to provide any of the reports. The Committee understands that the Deputy Secretary of Defense is leading a working group on the issue within the Department and is eager to learn of its activities and what, if any, of its decisions have been implemented in the Department. Therefore, the Committee directs the Deputy Secretary of Defense to provide the following reports that were required in House Report 117–88 not later than 60 days after the enactment of this Act:

(1) Under “Hard to Fill Positions,” a report detailing both civilian and military hard-to-fill positions in the Department of Defense which includes how the Department of Defense’s and the Services’ modernization strategies may impact these needs and possible future gaps in the next five to ten years;

(2) Under “Hard to Fill Positions,” the report requiring delineation of programs and funding levels relating to Career and Technical Education (CTE) and Science Technology Engineering and Math (STEM) programs in the Department of Defense and how hiring gaps in these areas impact programs and careers throughout the Department of Defense;

(3) Under “Hard to Fill Positions,” an update on the establishment of the Defense CTE and STEM Education and Workforce Pipeline Strategies;

(4) Each of the reports delineated under the section “Recruiting and Retention for Hard-To-Fill Positions”;

(5) The report required under “Aligning Civilian and Military Education for Workforce Development”; and

(6) The status of the “Defense Foreign Language and Cultural Competency Education and Workforce Strategy”.

#### OPERATIONS AT JOINT-USE AIRPORTS

The Committee is aware of the important relationship between the Department of Defense, the Federal Aviation Administration (FAA) and civil airport sponsors in fostering joint civilian and military use of airports on land owned by the Department. The Committee notes that the FAA has spent over \$700,000,000 in Airport Improvement Funds on infrastructure projects to accommodate joint civilian operations at Department of Defense-owned airfields. The Committee directs the Secretary of Defense to conduct a study examining airports that have existing joint-use agreements, with an emphasis on large hub commercial service airports, to be completed within 90 days after the enactment of this Act. The Secretary shall provide the congressional defense committees with the results of this study not later than 180 days after the enactment of this Act. The study shall provide insights toward the creation of a pilot program that employs Department of Defense funds to build emergency operations facilities at joint-use airports to accommodate expanded military operations.

#### NOISE ASSESSMENTS

The Committee appreciates the concern communities express when faced with the possibility of increased noise when new military airframes are introduced to local installations. The Committee understands that information, such as environmental impact statements that provide information on noise increases, may not be generally available to these communities. The Department of Defense Appropriations Act, 2022, included \$75,000,000 for noise mitigation tools under a program being administered by the Office of Local Defense Community Cooperation (OLDCC). The OLDCC has advised the Committee that collaboration has begun between the Federal Aviation Administration and the Department of Defense. The Committee is optimistic that this program will meet the needs of the communities involved and looks forward to continued updates

from OLDCC. If State or local officials or community leaders have questions about proposed noise levels, the Committee directs the Service Secretary involved in the project to provide any environmental impact statement or official noise assessments they may have performed to the requesting entity upon request.

#### PER- AND POLYFLUOROALKYL SUBSTANCES MITIGATION

Addressing the health effects of PFAS continues to be a top priority for the Committee, in particular the impacts on servicemembers, their families, and local communities remain a concern. The Committee appreciates that the Department and the Services have been testing drinking water and conducting site assessments and remedial investigations to fully understand the scope and impacts of PFAS migration. Further progress may be negatively impacted by the accumulation of PFAS Investigation-Derived Waste that requires disposal with a viable on-site solution. The Committee recognizes the concerns about the health impacts of incineration of PFAS waste and the existing moratorium, but that does not eliminate the requirement for disposal. The Committee understands existing technology is coming online that has been evaluated as effective by the Environmental Protection Agency (EPA). Therefore, the Committee directs the Secretary of Defense to use the fiscal year 2023 Defense Environmental Restoration Program appropriations to determine the efficacy of whether selected technologies—such as supercritical water oxidation—are scalable, mobile, and ready for the destruction of PFAS on-site without incineration or the release of harmful byproducts.

Further, in communities where the chemicals PFAS, PFOA, and PFOS have leached into the groundwater used for drinking in communities surrounding active and former military installations, the Committee directs the Secretary of Defense to prioritize mitigation plans that remove the chemical from the groundwater as quickly and efficiently as possible. The Secretary of Defense should give additional priority to communities located in drought-prone regions that rely on groundwater aquifers as a primary or secondary source of drinking water, including communities within a U.S. EPA-designated sole source aquifer established under Section 1424(e) of the U.S. Safe Drinking Water Act.

#### PERFLUOROOCTANE SULFONATE AND PERFLUOROOCTANOIC ACID EXPOSURE ASSESSMENT

The National Defense Authorization Act for Fiscal Year 2021 authorized a study and assessment of the health implications of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) contamination in drinking water. The Committee recommendation includes \$15,000,000 for the study and assessment. The Committee also directs the Assistant Secretary of Defense for Energy, Installations, and Environment to submit a report to the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act on the Department's strategy to execute this funding.

The Committee remains concerned about PFOS/PFOA contamination on current and former domestic military installations. As the Department conducts its exposure assessment on all installa-

tions known to have PFOS/PFOA drinking water contamination, the Committee directs the Assistant Secretary of Defense for Energy, Installations, and Environment to publicly release the measured levels of contamination found at each installation. For all remediation activities, the Department is directed to achieve a drinking water cleanup standard no higher than the threshold of the Environmental Protection Agency health advisory level (currently 70 parts per trillion) for federally controlled sites and surrounding communities whose water sources were contaminated as a result of Department activities. The Committee urges the Secretary of Defense to focus continued investments in groundwater remediation technologies that are both cost effective and efficacious.

Additionally, the Committee directs the Secretary of Defense to comply with the provisions of section 322 of the National Defense Authorization Act for Fiscal Year 2020. The Committee notes that today's currently available Aqueous Film Forming Foams (AFFF) contain Per- and Polyfluoroalkyl Substances (PFAS) and currently, none of the commercially available PFAS-free foams meet the Department's strict safety standards to rapidly extinguish dangerous fuel fires. The Committee understands that a prohibition on the use of current versions of AFFF would drastically reduce the ability of the Department's firefighters to fight fuel fires and increase risk to servicemembers and firefighters. However, due to the significant and salient public health risks associated with PFOS/PFOA contamination, the Committee urges the Secretary of Defense to expedite replacement of fluorinated AFFF throughout all branches of the military and cease use of AFFF prior to October 1, 2024.

#### PER- AND POLYFLUOROALKYL SUBSTANCES CLEANUP COST REPORTING

The Committee notes the creation of a Per- and Polyfluoroalkyl Substances (PFAS) Task Force to address the growing health concerns over releases of these substances and their effects on military installations and the surrounding communities. To support the Department's efforts, the Committee directs the Secretary of Defense to submit to the House and Senate Appropriations Committees, not later than 90 days after the enactment of this Act, and semi-annually thereafter, a report on costs associated with investigating and cleaning up PFAS at sites with funding provided by either the environmental restoration or operation and maintenance appropriation accounts. The report shall provide, for each component and by installation name, for the investigation and cleanup of PFAS; the actual obligations through the end of fiscal year 2020; the actual obligations in fiscal year 2021; the planned and actual obligations in fiscal year 2022; the planned obligations for fiscal year 2023; and the estimated cost after fiscal year 2023.

#### PERFLUORINATED CHEMICALS CONTAMINATION AND FIRST RESPONDER EXPOSURE

The Committee remains concerned with the health implications of exposure to perfluorinated chemicals (PFCs), including the increased rate of cancer in Department of Defense firefighter and first responder personnel. The Committee understands there are ongoing efforts to develop an alternative firefighting foam that meets military requirements and is free from PFCs that have been



linked to higher rates of certain cancers. Given the lack of definitive guidance around exposure levels, the Committee encourages the Secretary of Defense to accelerate adoption of other forms of foam that meet military specifications and do not contain PFCs. Further, the Committee understands that testing for firefighters for exposure to PFCs has begun and that the Department is developing firefighter population-level summation statistics for PFCs blood sampling of firefighters. The Committee is encouraged by these efforts but believes that additional measures need to be taken. The Committee directs the Assistant Secretary of Defense for Health Affairs to provide a report to the House and Senate Appropriations Committees not later than 180 days after the enactment of this Act on the Department's ongoing efforts to test and track potential first responder exposure to these chemicals as part of their existing annual medical surveillance exams.

#### TRACKING OF ENVIRONMENTAL CONTAMINANTS

The Committee recognizes the importance of the efforts of the Department of Defense to clean up environmental damages and manage environmental restoration liabilities, risks, and testing data of PFAS and other contaminants of emerging concern. Therefore, the Committee directs the Secretary of Defense to evaluate existing commercial-off-the-shelf software to more efficiently manage environmental site investigations and cleanups.

#### VIEQUES AND CULEBRA

The Committee remains concerned with the pace and scope of environmental restoration on the island municipalities of Culebra and Vieques in Puerto Rico. The Committee encourages the Secretary of the Army and the Secretary of the Navy to work closely with the Environmental Protection Agency, the Fish and Wildlife Service, and the Puerto Rico Environmental Quality Board to maximize public participation and transparency in the decontamination process in order to achieve a thorough decontamination result on both islands.

The Committee also is concerned about public safety on the northwest peninsula of Culebra due to unexploded ordnance identified there by the Army. The Committee encourages the Secretary of the Army to exercise available authorities, including the authority clarified in the National Defense Authorization Act for Fiscal Year 2015, to decontaminate the northwest peninsula. Additionally, the Committee directs the Secretary of the Army and the Secretary of the Navy each to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act detailing all respective decontamination authorities and plans applicable to Culebra and Vieques, to include particular emphasis on the decontamination of the northwest peninsula of Culebra.

The Committee also notes that there are gaps in information about the types and amounts of ordnance used on Vieques and Culebra, as well as potential links between the ordnance used and threats to public health. The Committee directs the Secretary of the Army and the Secretary of the Navy to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act on previously released information related to

the ordnance on the two islands. The Committee also urges the Secretaries to publish the relevant documents on the internet in a single location and in a user-friendly format.

#### OPERATION AND MAINTENANCE, ARMY

Fiscal year 2023 budget request .....	\$58,117,556,000
Committee recommendation .....	57,583,205,000
Change from budget request .....	- 534,351,000

The Committee recommends an appropriation of \$57,583,205,000 for Operation and Maintenance, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
<b>111 MANEUVER UNITS</b>	<b>4,506,811</b>	<b>4,306,811</b>	<b>-200,000</b>
Unjustified growth		-200,000	
<b>112 MODULAR SUPPORT BRIGADES</b>	<b>177,136</b>	<b>170,636</b>	<b>-6,500</b>
Unjustified growth		-6,500	
<b>113 ECHELONS ABOVE BRIGADES</b>	<b>894,629</b>	<b>874,129</b>	<b>-20,500</b>
Unjustified growth		-20,500	
<b>114 THEATER LEVEL ASSETS</b>	<b>2,570,949</b>	<b>2,564,449</b>	<b>-6,500</b>
Unjustified growth		-6,500	
<b>115 LAND FORCES OPERATIONS SUPPORT</b>	<b>1,184,230</b>	<b>1,184,230</b>	<b>0</b>
<b>116 AVIATION ASSETS</b>	<b>2,220,817</b>	<b>2,120,817</b>	<b>-100,000</b>
Unjustified growth		-100,000	
<b>121 FORCE READINESS OPERATIONS SUPPORT</b>	<b>7,366,299</b>	<b>7,432,699</b>	<b>66,400</b>
Program increase - camouflage		30,000	
Program increase - Arctic organization clothing and individual equipment		32,500	
Program increase - female body armor		32,500	
Program increase - restore Army information technology cut		21,400	
Unjustified growth		-50,000	
<b>122 LAND FORCES SYSTEMS READINESS</b>	<b>483,683</b>	<b>483,683</b>	<b>0</b>
<b>123 LAND FORCES DEPOT MAINTENANCE</b>	<b>1,399,173</b>	<b>1,399,173</b>	<b>0</b>
<b>124 MEDICAL READINESS</b>	<b>897,522</b>	<b>897,522</b>	<b>0</b>
<b>131 BASE OPERATIONS SUPPORT</b>	<b>9,330,325</b>	<b>9,281,325</b>	<b>-49,000</b>
Program increase - renaming institutions		1,000	
Unjustified growth		-50,000	
<b>132 FACILITIES SUSTAINMENT, RESTORATION, &amp; MODERNIZATION</b>	<b>4,666,658</b>	<b>4,666,658</b>	<b>0</b>
<b>133 MANAGEMENT AND OPERATIONAL HEADQUARTERS</b>	<b>284,483</b>	<b>274,983</b>	<b>-9,500</b>
Unjustified growth - headquarters		-9,500	
<b>135 ADDITIONAL ACTIVITIES</b>	<b>450,348</b>	<b>450,348</b>	<b>0</b>
<b>137 RESET</b>	<b>383,360</b>	<b>383,360</b>	<b>0</b>
<b>141 US AFRICA COMMAND</b>	<b>385,685</b>	<b>441,025</b>	<b>55,340</b>
Program increase - P.L. 115-68		340	
Program increase - natural resource management		5,000	
Program increase - ISR		50,000	

O-1	Budget Request	Committee Recommended	Change from Request
142 US EUROPEAN COMMAND	359,602	364,852	5,250
Program increase - P.L. 115-68		250	
Program increase - natural resource management		5,000	
143 US SOUTHERN COMMAND	204,336	209,711	5,375
Program increase - P.L. 115-68		375	
Program increase - natural resource management		5,000	
144 US FORCES KOREA	67,756	67,756	0
151 CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	495,066	489,066	-6,000
Program decrease - network project		-2,000	
Program decrease - vulnerability management project		-2,000	
Unjustified growth		-2,000	
153 CYBER SPACE ACTIVITIES - CYBERSECURITY	673,701	663,701	-10,000
Unjustified growth		-10,000	
154 JOINT CYBER MISSION FORCES	178,033	178,033	0
211 STRATEGIC MOBILITY	434,423	434,423	0
212 ARMY PREPOSITIONED STOCKS	378,494	378,494	0
213 INDUSTRIAL PREPAREDNESS	4,001	4,001	0
311 OFFICER ACQUISITION	173,439	173,439	0
312 RECRUIT TRAINING	78,826	78,826	0
313 ONE STATION UNIT TRAINING	128,117	116,117	-12,000
Unjustified growth		-12,000	
314 SENIOR RESERVE OFFICERS TRAINING CORPS	554,992	554,992	0
321 SPECIALIZED SKILL TRAINING	1,115,045	1,085,045	-30,000
Unjustified growth		-30,000	
322 FLIGHT TRAINING	1,396,392	1,381,392	-15,000
Unjustified growth		-15,000	
323 PROFESSIONAL DEVELOPMENT EDUCATION	221,960	221,960	0
324 TRAINING SUPPORT	717,318	701,318	-16,000
Unjustified growth		-16,000	
331 RECRUITING AND ADVERTISING	691,053	691,053	0
332 EXAMINING	192,832	192,832	0
333 OFF-DUTY AND VOLUNTARY EDUCATION	235,340	235,340	0
334 CIVILIAN EDUCATION AND TRAINING	251,378	251,378	0

O-1	Budget Request	Committee Recommended	Change from Request
335 JUNIOR RESERVE OFFICERS TRAINING CORPS Program increase	196,088	201,088 5,000	5,000
421 SERVICEWIDE TRANSPORTATION Unjustified growth - overseas operations costs	662,083	655,083 -7,000	-7,000
422 CENTRAL SUPPLY ACTIVITIES	822,018	822,018	0
423 LOGISTICS SUPPORT ACTIVITIES Unjustified growth	806,861	771,861 -35,000	-35,000
424 AMMUNITION MANAGEMENT	483,187	483,187	0
431 ADMINISTRATION Program increase - ALTNAV	486,154	498,154 12,000	12,000
432 SERVICEWIDE COMMUNICATIONS	1,871,173	1,871,173	0
433 MANPOWER MANAGEMENT	344,668	344,668	0
434 OTHER PERSONNEL SUPPORT	811,999	811,999	0
435 OTHER SERVICE SUPPORT Program increase - Capitol Fourth Program decrease	2,267,280	2,248,980 3,700 -22,000	-18,300
436 ARMY CLAIMS ACTIVITIES	191,912	191,912	0
437 REAL ESTATE MANAGEMENT Program increase - real estate inventory tool	288,942	293,942 5,000	5,000
438 FINANCIAL IMPROVEMENT AND AUDIT READINESS	410,983	410,983	0
43Q DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	38,714	38,714	0
441 INTERNATIONAL MILITARY HEADQUARTERS	532,377	532,377	0
442 MISC. SUPPORT OF OTHER NATIONS	35,709	35,709	0
411 OTHER PROGRAMS Classified adjustment	2,113,196	2,065,530 -47,666	-47,666
RESTORE READINESS		150,000	150,000
HISTORICAL UNOBLIGATED BALANCES		-250,000	-250,000
P.L. 115-68 IMPLEMENTATION		250	250

## SMALL BUSINESS

The Committee continues to be concerned with the findings of the Government Accountability Office in its report, “Army Futures Command Should Take Steps to Improve Small Business Engagement for Research and Development”, which notes the lack of coordination between the Army Futures Command and small businesses. The Committee recognizes the importance of small businesses to the Department of Defense and encourages the Commanding General, Army Futures Command, to develop methods to improve small business engagement for research and development and to coordinate with the Army Office of Small Business Programs in its engagement efforts. The Committee directs the Secretary of the Army to create performance measures to track the Army Futures Command’s efforts and to submit a report to the congressional defense committees on these efforts not later than 60 days after the enactment of this Act.

ARMY HIGH ALTITUDE INTELLIGENCE, SURVEILLANCE, AND  
RECONNAISSANCE CAPABILITIES

The Committee understands that the Department of Defense’s intelligence, surveillance, and reconnaissance (ISR) systems play critical roles in support of current military operations. The demand for ISR capabilities, including processing, exploitation, and dissemination, is insatiable. The Committee appreciates that the Army has successfully augmented current service capabilities with contractor-owned, contractor-operated platforms to meet mission requirements. Therefore, the Committee encourages the Secretary of the Army, at the direction of the EUCOM and INDOPACOM Combatant Commanders, to continue utilizing the contractor-owned, contractor-operated model to fulfill ISR requirements in areas of operation which are of high value and national interest, such as Ukraine, and not inherently governmental.

The Committee directs the Secretary of the Army to provide the House and Senate Appropriations Committees a report, not later than 180 days after the enactment of this Act, that evaluates the Army’s gap in ISR capabilities, including for high accuracy initiatives. In addition, the Committee encourages the Secretary of the Army to include contractor-owned, contractor-operated models as viable solutions to complement Service-owned capabilities and to meet the combatant commands’ validated ISR shortfalls and mission requirements.

## OPERATION AND MAINTENANCE, NAVY

Fiscal year 2023 budget request .....	\$66,151,951,000
Committee recommendation .....	65,775,711,000
Change from budget request .....	- 376,240,000

The Committee recommends an appropriation of \$65,775,711,000 for Operation and Maintenance, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
<b>1A1A MISSION AND OTHER FLIGHT OPERATIONS</b> Unjustified growth	7,334,452	7,254,452 -80,000	-80,000
<b>1A2A FLEET AIR TRAINING</b> Unjustified growth	2,793,739	2,758,739 -35,000	-35,000
<b>1A3A AVIATION TECHNICAL DATA AND ENGINEERING SERVICES</b>	65,248	65,248	0
<b>1A4A AIR OPERATIONS AND SAFETY SUPPORT</b>	214,767	214,767	0
<b>1A4N AIR SYSTEMS SUPPORT</b> Unjustified growth	1,075,365	1,057,865 -17,500	-17,500
<b>1A5A AIRCRAFT DEPOT MAINTENANCE</b> Unjustified growth	1,751,737	1,721,737 -30,000	-30,000
<b>1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT</b>	70,319	70,319	0
<b>1A9A AVIATION LOGISTICS</b>	1,679,193	1,659,193 -20,000	-20,000
<b>1B1B MISSION AND OTHER SHIP OPERATIONS</b> Unjustified growth	6,454,952	6,399,952 -55,000	-55,000
<b>1B2B SHIP OPERATIONS SUPPORT AND TRAINING</b>	1,183,237	1,183,237	0
<b>1B4B SHIP DEPOT MAINTENANCE</b> Program decrease - delays in program execution	10,038,261	9,938,261 -100,000	-100,000
<b>1B5B SHIP DEPOT OPERATIONS SUPPORT</b> Unjustified growth	2,422,095	2,392,095 -30,000	-30,000
<b>1C1C COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE</b>	1,632,824	1,632,824	0
<b>1C3C SPACE SYSTEMS AND SURVEILLANCE</b>	339,103	339,103	0
<b>1C4C WARFARE TACTICS</b>	881,999	881,999	0
<b>1C5C OPERATIONAL METEOROLOGY AND OCEANOGRAPHY</b>	444,150	444,150	0
<b>1C6C COMBAT SUPPORT FORCES</b> Unjustified growth - non pay	2,274,710	2,259,710 -15,000	-15,000
<b>1C7C EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT</b>	194,346	194,346	0
<b>1CCF CYBER MISSION FORCES</b>	101,049	101,049	0
<b>1CCH COMBATANT COMMANDERS CORE OPERATIONS</b> Program increase - Asia Pacific Regional Initiative	65,893	70,893 5,000	5,000

O-1	Budget Request	Committee Recommended	Change from Request
<b>1CCW COMBATANT COMMANDERS DIRECT MISSION</b>	<b>282,742</b>	<b>288,742</b>	<b>6,000</b>
Program increase - P.L. 115-68		1,000	
Program increase - natural resource management		5,000	
<b>1CCY CYBERSPACE ACTIVITIES</b>	<b>477,540</b>	<b>477,540</b>	<b>0</b>
<b>1D2D FLEET BALLISTIC MISSILE</b>	<b>1,664,076</b>	<b>1,664,076</b>	<b>0</b>
<b>1D4D WEAPONS MAINTENANCE</b>	<b>1,495,783</b>	<b>1,495,783</b>	<b>0</b>
<b>1D7D OTHER WEAPON SYSTEMS SUPPORT</b>	<b>649,371</b>	<b>649,371</b>	<b>0</b>
<b>BSIT ENTERPRISE INFORMATION TECHNOLOGY</b>	<b>1,647,834</b>	<b>1,637,834</b>	<b>-10,000</b>
Unjustified growth		-10,000	
<b>BSM1 SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>3,549,311</b>	<b>3,639,311</b>	<b>90,000</b>
Program increase - plating facility upgrades at public shipyards		6,000	
Program increase - USNA		49,000	
Program increase - seismic and fire protection		10,000	
Program increase - earthquake repairs		25,000	
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>5,503,088</b>	<b>5,503,088</b>	<b>0</b>
<b>2A1F SHIP PREPOSITIONING AND SURGE</b>	<b>467,648</b>	<b>467,648</b>	<b>0</b>
<b>2A2F READY RESERVE FORCE</b>	<b>683,932</b>	<b>683,932</b>	<b>0</b>
<b>2B2C SHIP ACTIVATIONS/INACTIVATIONS</b>	<b>364,096</b>	<b>357,096</b>	<b>-7,000</b>
Program decrease - reverse decommissionings		-7,000	
<b>2C1H EXPEDITIONARY HEALTH SERVICES SYSTEMS</b>	<b>133,780</b>	<b>133,780</b>	<b>0</b>
<b>2C3H COAST GUARD SUPPORT</b>	<b>21,196</b>	<b>21,196</b>	<b>0</b>
<b>3A1J OFFICER ACQUISITION</b>	<b>190,578</b>	<b>190,578</b>	<b>0</b>
<b>3A2J RECRUIT TRAINING</b>	<b>14,679</b>	<b>14,679</b>	<b>0</b>
<b>3A3J RESERVE OFFICERS TRAINING CORPS</b>	<b>170,845</b>	<b>170,845</b>	<b>0</b>
<b>3B1K SPECIALIZED SKILL TRAINING</b>	<b>1,133,889</b>	<b>1,133,889</b>	<b>0</b>
<b>3B3K PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>334,844</b>	<b>334,844</b>	<b>0</b>
<b>3B4K TRAINING SUPPORT</b>	<b>356,670</b>	<b>356,670</b>	<b>0</b>
<b>3C1L RECRUITING AND ADVERTISING</b>	<b>204,498</b>	<b>204,498</b>	<b>0</b>
<b>3C3L OFF-DUTY AND VOLUNTARY EDUCATION</b>	<b>89,971</b>	<b>89,971</b>	<b>0</b>
<b>3C4L CIVILIAN EDUCATION AND TRAINING</b>	<b>69,798</b>	<b>69,798</b>	<b>0</b>



O-1	Budget Request	Committee Recommended	Change from Request
3C5L JUNIOR ROTC Program increase	55,194	60,194 5,000	5,000
4A1M ADMINISTRATION	1,349,966	1,349,966	
4A3M CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT Unjustified growth	227,772	227,772	
4A4M MILITARY MANPOWER AND PERSONNEL MANAGEMENT Unjustified growth	667,627	637,627 -30,000	-30,000
4A8M MEDICAL ACTIVITIES	284,962	284,962	0
4B1A DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	62,824	62,824	0
4B1N SERVICEWIDE TRANSPORTATION	207,501	207,501	0
4B2N PLANNING, ENGINEERING AND DESIGN Unjustified growth	554,265	539,265 -15,000	-15,000
4B3N ACQUISITION, LOGISTICS AND OVERSIGHT Program increase - commercial off the shelf supply chain risk management tools	798,473	810,473 12,000	12,000
4C1P INVESTIGATIVE AND SECURITY SERVICES	791,059	791,059	0
999 OTHER PROGRAMS	628,700	628,700	0
RESTORE READINESS		150,000	150,000
HISTORICAL UNOBLIGATED BALANCES		-200,000	-200,000
P.L. 115-68 IMPLEMENTATION		260	260

## SHIP MAINTENANCE

The Committee held multiple discussions with Navy officials regarding the continued delays to ship maintenance programs, with particular concern related to submarine maintenance. The Committee appreciates there are several factors involved in these delays, however, a solution between the Navy and industry must be forthcoming. Therefore, the Committee directs the Secretary of the Navy to continue to provide quarterly reports to the congressional defense committees, beginning not later than 30 days after the enactment of this Act, on the status of maintenance and repair work for all naval vessels with special attention to submarines. The report shall include the amount of funding budgeted for submarine maintenance in fiscal year 2023 and the prior three years, the original estimated amount of time expected for maintenance activities to be completed, any adjustments to the schedule, the reasons why changes were necessary, and the new expected timeframe for completion and any additional costs involved. The report shall be broken out by shipyard and/or private entity (by site), by name, and type of vessel. The report shall also include any new efforts the Navy has taken to address the delays it continues to face.

## AIRFRAME MAINTENANCE

The Committee still has concerns about airframe maintenance. The Committee directs the Secretary of the Navy to provide quarterly reports to the congressional defense committees, beginning not later than 30 days after the enactment of this Act, on the status of maintenance and repair work for each airframe. The report shall include the amount of funding budgeted for airframe maintenance in fiscal year 2023 and the prior three years, the original estimated amount of time expected for maintenance activities to be completed, any adjustments to the schedule, the reasons why any changes were necessary, and the new expected timeframe for completion and any additional costs involved.

## OPERATION AND MAINTENANCE, MARINE CORPS

Fiscal year 2023 budget request .....	\$9,660,944,000
Committee recommendation .....	9,638,125,000
Change from budget request .....	-22,819,000

The Committee recommends an appropriation of \$9,638,125,000 for Operation and Maintenance, Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
<b>1A1A OPERATIONAL FORCES</b>	<b>1,740,491</b>	<b>1,723,991</b>	<b>-16,500</b>
Program increase - hearing enhancement and protection headsets		17,500	
Unjustified growth		-34,000	
<b>1A2A FIELD LOGISTICS</b>	<b>1,699,425</b>	<b>1,685,766</b>	<b>-13,659</b>
Unjustified growth		-13,659	
<b>1A3A DEPOT MAINTENANCE</b>	<b>221,886</b>	<b>221,886</b>	
<b>1B1B MARITIME PREPOSITIONING</b>	<b>139,518</b>	<b>137,518</b>	<b>-2,000</b>
Unjustified growth		-2,000	
<b>1CCF CYBER MISSION FORCES</b>	<b>94,199</b>	<b>94,199</b>	<b>0</b>
<b>1CCY CYBERSPACE ACTIVITIES</b>	<b>194,904</b>	<b>194,904</b>	<b>0</b>
<b>BSM1 SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>1,292,219</b>	<b>1,292,219</b>	<b>0</b>
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>2,699,487</b>	<b>2,699,487</b>	
<b>3A1C RECRUIT TRAINING</b>	<b>23,217</b>	<b>23,217</b>	<b>0</b>
<b>3A2C OFFICER ACQUISITION</b>	<b>1,268</b>	<b>1,268</b>	<b>0</b>
<b>3B1D SPECIALIZED SKILLS TRAINING</b>	<b>118,638</b>	<b>118,638</b>	<b>0</b>
<b>3B3D PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>64,626</b>	<b>64,626</b>	<b>0</b>
<b>3B4D TRAINING SUPPORT</b>	<b>523,603</b>	<b>517,603</b>	<b>-6,000</b>
Unjustified growth		-6,000	
<b>3C1F RECRUITING AND ADVERTISING</b>	<b>225,759</b>	<b>225,759</b>	<b>0</b>
<b>3C2F OFF-DUTY AND VOLUNTARY EDUCATION</b>	<b>51,882</b>	<b>51,882</b>	<b>0</b>
<b>3C3F JUNIOR ROTC</b>	<b>27,660</b>	<b>32,660</b>	<b>5,000</b>
Program increase		5,000	
<b>4A3G SERVICEWIDE TRANSPORTATION</b>	<b>78,542</b>	<b>78,542</b>	<b>0</b>
<b>4A4G ADMINISTRATION</b>	<b>401,030</b>	<b>401,030</b>	<b>0</b>
<b>4A7G SECURITY PROGRAMS</b>	<b>62,590</b>	<b>62,590</b>	<b>0</b>
<b>HISTORICAL UNOBLIGATED BALANCES</b>		<b>-40,000</b>	<b>-40,000</b>
<b>P.L. 115-68 IMPLEMENTATION</b>		<b>340</b>	<b>340</b>
<b>RESTORE READINESS</b>		<b>50,000</b>	<b>50,000</b>

FACILITIES SUSTAINMENT, RESTORATION AND MODERNIZATION

The Committee received a briefing from Marine Corps officials regarding their proposal to utilize a preponderance of fiscal year 2023 Facilities Sustainment, Restoration and Modernization (FSRM) funds to place greater emphasis on recapitalization and demolition projects, rather than sustainment activities. The change in focus is due to the fact that currently 40 percent of the Marine Corps plant replacement value is in poor or failing condition. The Committee understands that without this change in scope, facilities may become unusable. Given this information, the Committee intends to monitor the program and directs the Secretary of the Navy to provide the congressional defense committees with a FSRM spend plan not later than 45 days after the enactment of this Act, detailing the Marine Corps’ fiscal year 2023 FSRM projects, specifically noting the recapitalization and demolition projects, with the associated funding levels as well as aggregate sustainment funding amounts. The Committee also directs the Secretary of the Navy to provide a follow-on report that details how the fiscal year 2023 funds were spent, with the same criteria, by January 15, 2024.

OPERATION AND MAINTENANCE, AIR FORCE

Fiscal year 2023 budget request .....	\$58,281,242,000
Committee recommendation .....	58,038,438,000
Change from budget request .....	- 242,804,000

The Committee recommends an appropriation of \$58,038,438,000 for Operation and Maintenance, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
11A	<b>PRIMARY COMBAT FORCES</b>	936,731	975,731	39,000
	Unjustified growth		-21,000	
	Air Force requested transfer from 11C		60,000	
11C	<b>COMBAT ENHANCEMENT FORCES</b>	2,657,865	2,595,001	-62,864
	Program increase - combat aviation advisor mission support		18,000	
	Unjustified growth		-100,000	
	Air Force requested transfer to 11A		-60,000	
	Transfer from RDTE, AF line 279		79,136	
11D	<b>AIR OPERATIONS TRAINING</b>	1,467,518	1,467,518	0
11M	<b>DEPOT PURCHASE EQUIPMENT MAINTENANCE</b>	4,341,794	4,241,794	-100,000
	Unjustified growth		-100,000	
11R	<b>REAL PROPERTY MAINTENANCE</b>	4,091,088	4,091,088	0
11V	<b>CYBERSPACE SUSTAINMENT</b>	130,754	130,754	
11W	<b>CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT</b>	8,782,940	8,770,940	-12,000
	Program increase - Gorgon Stare		18,000	
	Unjustified growth		-30,000	
11Y	<b>FLYING HOUR PROGRAM</b>	5,871,718	5,833,718	-38,000
	Unjustified growth		-38,000	
11Z	<b>BASE SUPPORT</b>	10,638,741	10,592,741	-46,000
	Program increase - artificial intelligence/advanced video exploitation for natural resources units		4,000	
	Unjustified growth		-50,000	
12A	<b>GLOBAL C3I AND EARLY WARNING</b>	1,035,043	1,026,543	-8,500
	Program decrease - early to need		-8,500	
12C	<b>OTHER COMBAT OPERATIONS SUPPORT PROGRAMS</b>	1,436,329	1,426,329	-10,000
	Program decrease - OSINT		-10,000	
12D	<b>CYBERSPACE ACTIVITIES</b>	716,931	711,931	-5,000
	Unjustified growth		-5,000	
12A	<b>JOINT CYBER MISSION FORCE PROGRAMS</b>	186,759	186,759	0
13A	<b>LAUNCH OPERATIONS</b>	690	690	0
15C	<b>US NORTHCOM/NORAD</b>	197,210	202,775	5,565
	Program increase - implementation of P.L. 115-68		565	
	Program increase - natural resource management		5,000	

O-1		Budget Request	Committee Recommended	Change from Request
15D	<b>US STRATCOM</b>	503,419	553,607	50,188
	Program increase - implementation of P.L. 115-68		250	
	Transfer from RDTE, AF line 278		49,938	
15E	<b>US CYBERCOM</b>	436,807	437,057	250
	Program increase - implementation of P.L. 115-68		250	
15F	<b>US CENTCOM</b>	331,162	319,347	-11,815
	Program increase - implementation of P.L. 115-68		185	
	Program increase - natural resource management		10,000	
	Unjustified growth - Office of Security Cooperation - Iraq		-22,000	
15G	<b>US SOCOM</b>	27,318	28,208	890
	Program increase - implementation of P.L. 115-68		890	
15H	<b>US TRANSCOM</b>	0	250	250
	Program increase - implementation of P.L. 115-68		250	
15U	<b>CENTCOM CYBERSPACE SUSTAINMENT</b>	1,367	1,367	0
15X	<b>USSPACECOM</b>	329,543	330,051	508
	Program increase - implementation of P.L. 115-68		508	
	<b>CLASSIFIED PROGRAMS</b>	1,705,801	1,705,801	0
21A	<b>AIRLIFT OPERATIONS</b>	2,780,616	2,780,616	0
21D	<b>MOBILIZATION PREPAREDNESS</b>	721,172	721,172	0
31A	<b>OFFICER ACQUISITION</b>	189,721	189,721	0
31B	<b>RECRUIT TRAINING</b>	26,684	26,684	0
31D	<b>RESERVE OFFICER TRAINING CORPS (ROTC)</b>	135,515	135,515	0
32A	<b>SPECIALIZED SKILL TRAINING</b>	541,511	541,511	0
32B	<b>FLIGHT TRAINING</b>	779,625	796,625	17,000
	Program increase - introductory flight training - rotary program		17,000	
32C	<b>PROFESSIONAL DEVELOPMENT EDUCATION</b>	313,556	313,556	0
32D	<b>TRAINING SUPPORT</b>	171,087	171,087	0
33A	<b>RECRUITING AND ADVERTISING</b>	197,956	197,956	0
33B	<b>EXAMINING</b>	8,282	8,282	0
33C	<b>OFF DUTY AND VOLUNTARY EDUCATION</b>	254,907	254,907	0

O-1	Budget Request	Committee Recommended	Change from Request
33D CIVILIAN EDUCATION AND TRAINING	355,375	355,375	0
33E JUNIOR ROTC	69,964	74,964	5,000
Program increase		5,000	
41A LOGISTICS OPERATIONS	1,058,129	1,058,129	0
41B TECHNICAL SUPPORT ACTIVITIES	139,428	139,428	0
42A ADMINISTRATION	1,283,066	1,273,066	-10,000
Unjustified growth - non pay		-10,000	
42B SERVICEWIDE COMMUNICATIONS	33,222	33,222	0
42G OTHER SERVICEWIDE ACTIVITIES	1,790,985	1,790,985	0
42I CIVIL AIR PATROL CORPORATION	30,526	51,300	20,774
Program increase		20,774	
42W DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT	42,558	42,558	0
44A INTERNATIONAL SUPPORT	102,065	102,065	0
43A SECURITY PROGRAMS	1,427,764	1,423,964	-3,800
Classified adjustment		-3,800	
RESTORE READINESS		150,000	150,000
HISTORICAL UNOBLIGATED BALANCES		-225,000	-225,000
P.L. 115-68 IMPLEMENTATION		750	750

## PILOT SHORTFALL

The Committee remains concerned by the inability of the Air Force to maintain the requisite number of pilots each year. The Committee supports new initiatives that the Air Force is implementing, such as the Pilot Training Next and other efforts to increase training throughput, and anticipates seeing positive results of the programs. However, continued oversight is critical to ensure the Air Force can decrease its pilot shortfall. Further, the Committee is greatly concerned by the challenges with J85 engine repair throughputs and its impact on pilot training. Therefore, the Committee directs the Commander of Air Education and Training Command and the Deputy Chief of Staff of Operations at Air Force Headquarters to provide quarterly updates to the House and Senate Appropriations Committees beginning not later than 45 days after the enactment of this Act on efforts to address its pilot shortfall.

## AIRCRAFT PROTECTION

The Committee recognizes the adverse impact that sunlight and hail can have on the readiness and service life of aircraft. Unprotected aircraft can sustain significant damage during hailstorms and long-term damage from extensive sun exposure, creating additional, yet preventable, maintenance costs. The Committee urges the Secretary of the Air Force to prioritize maintenance that provides protection for aircraft to prevent damage caused by weather.

## OPERATION AND MAINTENANCE, SPACE FORCE

Fiscal year 2023 budget request .....	\$4,034,658,000
Committee recommendation .....	3,967,658,000
Change from budget request .....	-67,000,000

The Committee recommends an appropriation of \$3,967,658,000 for Operation and Maintenance, Space Force which will provide the following program in fiscal year 2023:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from request
12A GLOBAL C3I & EARLY WARNING	472,484	472,484	0
13A SPACE LAUNCH OPERATIONS	187,832	187,832	0
13C SPACE OPERATIONS	695,228	695,228	0
13E EDUCATION & TRAINING	153,135	153,135	0
13F SPECIAL PROGRAMS	272,941	272,941	0
13M DEPOT MAINTENANCE	285,863	285,863	0
13R MAINTENANCE OF REAL PROPERTY	235,253	235,253	0
13W CONTRACTOR LOGISTICS & SYSTEM SUPPORT	1,358,565	1,358,565	0
13Z BASE SUPPORT	144,937	144,937	0
42A ADMINISTRATION	228,420	176,420	-52,000
Unjustified growth		-52,000	
HISTORICAL UNOBLIGATED BALANCES		-15,000	-15,000

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Fiscal year 2023 budget request .....	\$48,406,516,000
Committee recommendation .....	48,663,571,000
Change from budget request .....	+257,055,000

The Committee recommends an appropriation of \$48,663,571,000 for Operation and Maintenance, Defense-Wide which will provide the following program in fiscal year 2023:

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

O-1	Budget Request	Committee Recommended	Change from Request
<b>1PL1 JOINT CHIEFS OF STAFF</b>	<b>445,366</b>	<b>422,366</b>	<b>-23,000</b>
Historical unobligated balances		-23,000	
<b>8PL1 JOINT CHIEFS OF STAFF - JTEEP</b>	<b>679,336</b>	<b>656,336</b>	<b>-23,000</b>
Historical unobligated balances		-23,000	
<b>8PL2 JOINT CHIEFS OF STAFF - CYBER</b>	<b>9,887</b>	<b>9,887</b>	<b>0</b>
<b>1GTM OFFICE OF THE SECRETARY OF DEFENSE - MISO</b>	<b>246,259</b>	<b>273,759</b>	<b>27,500</b>
Program increase - information operations - INDOPACOM UPL		27,500	
<b>1PL6 SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES</b>	<b>2,056,291</b>	<b>2,043,398</b>	<b>-12,893</b>
Classified adjustment		-12,893	
<b>1PLS SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES</b>	<b>39,178</b>	<b>39,178</b>	<b>0</b>
<b>1PLU SPECIAL OPERATIONS COMMAND INTELLIGENCE</b>	<b>1,513,025</b>	<b>1,514,244</b>	<b>1,219</b>
Excess growth - Next Generation LEA		-9,181	
Program increase - counter unmanned systems (CUxS) procurement acceleration UPL		10,400	
<b>1PL7 SPECIAL OPERATIONS COMMAND MAINTENANCE</b>	<b>1,207,842</b>	<b>1,247,773</b>	<b>39,931</b>
Historical unobligated balances		-12,000	
SOCOM-requested transfer to RDTE, DW line 261		-5,840	
Program increase - combatant craft medium loss refurbishment UPL		4,250	
Program increase - counter unmanned systems (CUxS) procurement acceleration UPL		5,353	
Program increase - multispectral personal signature management		11,268	
Program increase- military alpine recce system environmental clothing systems UPL		36,900	
<b>1PLM SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS</b>	<b>196,271</b>	<b>196,271</b>	<b>0</b>
<b>1PLV SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT</b>	<b>1,299,309</b>	<b>1,332,010</b>	<b>32,701</b>
Unjustified growth - Information Warfare Center		-3,299	
Program increase - advanced authoritative data management and analytics UPL		8,000	
Program increase - enterprise data stewardship program UPL		18,000	
Program increase - identity management		10,000	

O-1	Budget Request	Committee Recommended	Change from Request
<b>1PLR SPECIAL OPERATIONS COMMAND THEATER FORCES</b>	<b>3,314,770</b>	<b>3,313,427</b>	<b>-1,343</b>
Program increase - section 1202		4,246	
Program increase - tactical mission network digital force protection UPL		5,711	
Program decrease - excess to need 127e		-11,300	
<b>3EV2 DEFENSE ACQUISITION UNIVERSITY</b>	<b>176,454</b>	<b>176,454</b>	<b>0</b>
<b>3PL1 JOINT CHIEFS OF STAFF RECRUITING, AND OTHER TRAINING AND EDUCATION</b>	<b>101,492</b>	<b>101,492</b>	<b>0</b>
<b>3EV8 SPECIAL OPERATIONS COMMAND PROFESSIONAL DEVELOPMENT EDUCATION</b>	<b>35,279</b>	<b>35,279</b>	<b>0</b>
<b>4GT3 CIVIL MILITARY PROGRAMS</b>	<b>139,656</b>	<b>270,067</b>	<b>130,411</b>
Program increase - National Guard Youth Challenge		83,411	
Program increase - Starbase		47,000	
<b>4GT6 DEFENSE CONTRACT AUDIT AGENCY</b>	<b>646,072</b>	<b>646,072</b>	<b>0</b>
<b>4GDC DEFENSE CONTRACT AUDIT AGENCY - CYBER</b>	<b>4,107</b>	<b>4,107</b>	<b>0</b>
<b>4GTO DEFENSE CONTRACT MANAGEMENT AGENCY</b>	<b>1,506,300</b>	<b>1,491,300</b>	<b>-15,000</b>
Historical unobligated balances		-15,000	
<b>4GTP DEFENSE CONTRACT MANAGEMENT AGENCY - CYBER</b>	<b>29,127</b>	<b>29,127</b>	<b>0</b>
<b>DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY</b>	<b>983,133</b>	<b>983,133</b>	<b>0</b>
<b>4GTG DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY - CYBER</b>	<b>10,245</b>	<b>10,245</b>	<b>0</b>
<b>4GT8 DEFENSE HUMAN RESOURCES ACTIVITY</b>	<b>935,241</b>	<b>1,000,241</b>	<b>65,000</b>
Program increase - DLNSEO		22,000	
Program increase - Language Flagship program		6,000	
Program increase - Special Victims' Counsel		47,000	
Historical unobligated balances		-10,000	
<b>4GSE DEFENSE HUMAN RESOURCES ACTIVITY - CYBER</b>	<b>26,113</b>	<b>26,113</b>	<b>0</b>
<b>4GT9 DEFENSE INFORMATION SYSTEMS AGENCY</b>	<b>2,266,729</b>	<b>2,266,729</b>	<b>0</b>
<b>4GU9 DEFENSE INFORMATION SYSTEMS AGENCY - CYBER</b>	<b>643,643</b>	<b>643,643</b>	<b>0</b>
<b>4GTA DEFENSE LEGAL SERVICES AGENCY</b>	<b>233,687</b>	<b>233,687</b>	<b>0</b>
<b>4GTB DEFENSE LOGISTICS AGENCY</b>	<b>429,060</b>	<b>404,060</b>	<b>-25,000</b>
Historical unobligated balances		-25,000	
<b>ES18 DEFENSE MEDIA ACTIVITY</b>	<b>243,631</b>	<b>236,131</b>	<b>-7,500</b>

O-1	Budget Request	Committee Recommended	Change from Request
Historical unobligated balances		-7,500	
<b>4GTC DEFENSE PERSONNEL ACCOUNTING AGENCY</b>	<b>150,021</b>	<b>150,021</b>	<b>0</b>
<b>4GTD DEFENSE SECURITY COOPERATION AGENCY</b>	<b>2,445,669</b>	<b>2,348,599</b>	<b>-97,070</b>
Program increase - International Security Cooperation Programs - AFRICOM		22,396	
Program increase - International Security Cooperation Programs - CENTCOM - Jordan		4,518	
Program increase - International Security Cooperation Programs - EUCOM - Baltic Security Initiative		69,480	
Program increase - International Security Cooperation Programs - EUCOM - Bulgaria		10,602	
Program increase - International Security Cooperation Programs - EUCOM - Georgia		8,720	
Program increase - International Security Cooperation Programs - EUCOM - Poland		11,092	
Program increase - International Security Cooperation Programs - EUCOM - Romania		6,137	
Program increase - International Security Cooperation Programs - NORTHCOM - Bahamas		5,000	
Program increase - International Security Cooperation Programs - SOUTHCOM		32,244	
Program increase - International Security Cooperation Programs - humanitarian assistance and disaster relief operations		10,000	
Program decrease - International Security Cooperation Programs - CENTCOM		-160,000	
Program decrease - International Security Cooperation Programs - CENTCOM		-806	
Program decrease - International Security Cooperation Programs - INDOPACOM - Sri Lanka		-19,453	
Unjustified growth - International Security Cooperation Programs - Institutional Capacity Building		-15,000	
Program adjustment - Coalition Support Funds		-5,000	
Program adjustment - Border Security		-75,000	
Program adjustment - Regional Defense Combating Terrorism and Irregular Warfare Fellowship Program		-2,000	
<b>4GTH DEFENSE TECHNOLOGY SECURITY ADMINISTRATION</b>	<b>40,063</b>	<b>40,063</b>	<b>0</b>
<b>4GTI DEFENSE THREAT REDUCTION AGENCY</b>	<b>941,763</b>	<b>911,763</b>	<b>-30,000</b>
Historical unobligated balances		-30,000	
<b>4GTL DEFENSE THREAT REDUCTION AGENCY - CYBER</b>	<b>56,052</b>	<b>56,052</b>	<b>0</b>

O-1	Budget Request	Committee Recommended	Change from Request
<b>4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY</b>	<b>3,276,276</b>	<b>3,366,276</b>	<b>90,000</b>
Program increase - World Language grants		15,000	
Program increase - Impact Aid		50,000	
Program increase - Impact Aid for children with disabilities		20,000	
Program increase - military spouse pilot program		5,000	
<b>4GTM OFFICE OF LOCAL DEFENSE COMMUNITY</b>	<b>108,697</b>	<b>188,697</b>	<b>80,000</b>
Program increase - Defense Community Infrastructure Program		50,000	
Program increase - Defense Manufacturing Community Support Program		30,000	
<b>4GTN OFFICE OF THE SECRETARY OF DEFENSE</b>	<b>2,239,072</b>	<b>2,281,371</b>	<b>42,299</b>
Program increase - Readiness Environmental Protection Integration		8,281	
Program increase - Legacy Resources Management Program		5,000	
Program increase - Native American Lands Environmental Mitigation Program		8,000	
Program increase - Procurement Technical Assistance Program		28,918	
Program increase - Office of the Undersecretary for Acquisition and Sustainment - domestic supply chain resiliency matrix		4,500	
Program increase - recycling pilot		3,800	
Program increase - OSD Commissions		12,000	
Program increase - Ronald V. Dellums Memorial Fellowship		5,000	
Program increase - CDC water contamination study and assessment		15,000	
Program increase - digital personal protection program		5,000	
Program increase - childcare waitlist		10,000	
Unjustified growth - non pay		-63,000	
<b>4GTC OFFICE OF THE SECRETARY OF DEFENSE- CYBER</b>	<b>55,255</b>	<b>55,255</b>	<b>0</b>
<b>011A MISSILE DEFENSE AGENCY</b>	<b>541,787</b>	<b>541,787</b>	<b>0</b>
<b>4GTQ WASHINGTON HEADQUARTERS SERVICES</b>	<b>369,943</b>	<b>359,943</b>	<b>-10,000</b>
Historical unobligated balances		-10,000	
<b>999 OTHER PROGRAMS</b>	<b>18,764,415</b>	<b>18,755,115</b>	<b>-9,300</b>
Classified adjustment		-9,300	
<b>P.L. 115-68 IMPLEMENTATION</b>		<b>2,100</b>	<b>2,100</b>

## LEGACY RESOURCE MANAGEMENT PROGRAM

The Committee includes an additional \$5,000,000 for the Department of Defense Legacy Resource Management Program to continue the work begun in project 17-836 to continue to identify habitat conservation opportunities that will benefit both the species and military readiness by avoiding or reducing regulatory constraints on military testing and training.

## READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

The Committee recommendation includes \$175,000,000 for the Readiness and Environmental Protection Initiative (REPI) and notes the importance of REPI and Sentinel Landscape Partnerships to the successful land and wildlife conservation activities on land buffering military installations.

The Committee recognizes the important role the Department of Defense plays as a federal partner in multi-state watershed restoration projects and the importance of the REPI program in advancing a critical military goal of limiting encroachment and land use conflicts. The Committee also is aware of the importance of deploying stormwater best management practices on and around military bases to mitigate flooding and runoff, especially in stormwater-stressed ecosystems. The Committee directs the Secretary of Defense to prioritize REPI projects that leverage other federal and non-federal funding sources to deploy best management practices on lands conserved through REPI to enhance resilience and improve water quality in watersheds where the Department of Defense has restoration partnership obligations and where land subsidence compounds the threat of sea level rise and associated flooding.

## RECYCLING

The Committee recognizes the important role of Qualified Recycling Programs (QRP), including effective models of recycling partnerships found at Fort Hood. The Committee also recognizes the need to enhance existing recycling infrastructure, establish municipal partnerships, and invest in quality-of-life improvement projects on all military installations to facilitate a greater adoption of regional recycling programs with municipalities. The Committee provides an additional \$3,600,000 and directs the Secretary of Defense to establish a pilot program to examine ways to incentivize more cost-effective recycling, explore effective recycling practices, and to study the impact of forming regional QRPs to reach economic viability for their recycled materials, particularly where local recycling rates are low or uneconomical for municipalities to recycle.

## RED HILL RECOVERY FUND

The Committee recognizes the importance of addressing the community, environmental and national security challenges caused by the Red Hill Bulk Fuel Storage Facility leak. The Committee directs the Secretary of Defense, and the Secretary of the Navy, to continue to take the necessary steps to safely close the facility, remediate the surrounding environment, assess and address the

harm caused to the aquifer, work in conjunction with the state of Hawaii and the local community in these efforts, and build a more distributive fuel infrastructure for the Indo-Pacific.

For efforts in Hawaii, the Committee directs the Secretary of Defense, in coordination with the Secretary of the Navy, to provide quarterly updates in the form of written reports, beginning not later than 45 days after the enactment of this Act, to the congressional defense committees on obligations, completed and pending actions with the state of Hawaii's regulatory agencies and the Environmental Protection Agency, water quality test results, efforts to assess the hydrogeology and improve water quality testing surrounding the facility, progress toward decommissioning the facility, and defense funds used for planned military construction and related planning and design efforts, community engagement efforts, and actions taken to address the needs of individual service members and their families that were affected by the Red Hill crisis.

For efforts to move the fuel from Red Hill to other locations in the Indo-Pacific, the Committee directs the Secretary of Defense to provide quarterly updates, in the form of written reports, beginning not later than 45 days after the enactment of this Act, to the congressional defense committees on obligations, new locations of fuel previously stored in the facility, efforts to build new fuel storage locations, summary of any planning and design efforts for potential military construction projects to store bulk fuel in the region, and efforts to improve the survivability of existing and new fuel storage locations. Information contained in these reports may be provided with a classified annex.

#### OFFICE OF SPECIAL NEEDS

The Committee recognizes that military families with special needs face unique challenges and that, to assist these families, each Service implements its own program. In 2018, the Government Accountability Office found that variations in the support provided to military family members with special medical and educational needs through the Department of Defense Exceptional Family Member Program (EFMP) led to potential gaps in assistance. The Committee recognizes the value of community partners to provide vital support and coordination services to military personnel and their families and urges the Service Secretaries to continue partnering with leading non-profit organizations aimed at addressing the broad range of services required by individuals with special needs.

The Committee also encourages the Director of the Department of Defense Office of Community Support for Families with Special Needs and the leader of each Service EFMP to establish partnerships with non-profit organizations that offer coordinated and tracked services for individuals with special needs that focus on providing comprehensive, integrated medical, and non-medical services for individuals with special needs. The Committee directs the Director of such office to provide a report to the House and Senate Appropriations Committees on these efforts not later than 60 days after the enactment of the Act.



## IMPACT AID

The Committee supports the Impact Aid and Impact Aid for Children with Disabilities programs. However, the Committee is concerned by possible discrepancies in how local education agencies eligible for both programs receive funding. The Committee directs the Director of the Department of Defense Education Activity to submit a report to the congressional defense communities not later than 60 days after the enactment of this Act that addresses any inconsistencies and recommendations to close any funding gaps.

## SUPPORT FOR THOSE WITH DISABILITIES

It is the Committee's view that the AbilityOne program is a critical component of the defense industrial base. In addition to supporting mission-critical needs of our warfighters with products made in America, the program employs individuals with disabilities through Department of Defense contracts. The mandatory set-aside for all items determined suitable for production by AbilityOne nonprofit agencies is a long-standing department-wide mandatory source contracting requirement in accordance with the Javits-Wagner-O'Day Act. However, the Committee is concerned about a growing number of instances when requirements for mandatory source items are inappropriately delayed or terminated from the AbilityOne. Therefore, the Committee expects the Secretary of Defense to ensure compliance with existing statutes pertaining to this issue.

## NATIONAL GUARD YOUTH CHALLENGE PROGRAM

To conform to Section 516 of P.L. 117-81, funding in this Act may be made available to allow the Department of Defense to issue non-state matched funding in limited circumstances; however, before any unmatched funds are disbursed, funding requirements for current programs must be met. Any funds used under this new authority shall be reported in the annual reporting requirement found in 32 USC 509(k).

## DEFENSE COMMUNITY INFRASTRUCTURE PROGRAM

The Committee continues to support the Defense Community Infrastructure Program and recommends a total of \$100,000,000 for the program for fiscal year 2023. Of the funds included for this program, the Committee directs the Office of Local Defense Community Cooperation to include a new category for consideration for projects. This category would include funding for training facilities for use by cadets participating in a Reserve Officers Training Corps (ROTC) program at Historically Black Colleges/Universities that are also Land Grant Universities, meaning a part B institution as defined in section 322 of the Higher Education Act of 1965 (20 U.S.C. 1061) and an 1890 Institution as defined in section 2 of the Agricultural Research, Extension and Education Reform Act of 1998 (7 U.S.C. 7601). Additionally, only those units that are not a part of a consortium of other ROTC universities and are 40 miles away from the nearest active duty military installation may be considered for funding.

## RONALD V. DELLUMS MEMORIAL FELLOWSHIP

The Committee has included additional funds for the creation of the “Ronald V. Dellums Memorial Fellowship.” To ensure the success of this program, the Secretary of Defense is directed to allocate \$5,000,000 to establish a fellowship program, which shall be known as the “Ronald V. Dellums Memorial Fellowship for Women of Color in STEAM.” This fellowship will provide scholarships and internships for eligible students with high potential talent in science, technology, engineering, arts, and mathematics (STEAM). Such scholarships shall be designed to increase awareness of and interest in employment at a Defense Agency among under-represented students in the STEAM fields, particularly women of color, who are pursuing a degree in a STEAM field; support the academic careers of underrepresented students, especially women of color, in STEAM fields; and build a pipeline of women of color with exemplary academic achievements in a STEAM field relevant to national security who can pursue careers in national security and in areas of national need.

## CIVILIAN CYBER WORKFORCE

The Committee recognizes the challenge that the Department of Defense faces in hiring individuals with the necessary security clearances for the cyber workforce and encourages the Secretary of Defense to find innovative solutions to increase the civilian cyber workforce. The Committee believes that the Department of Defense should collaborate with colleges and universities to recruit cyber-focused students during their junior or senior years, with the intent that upon graduation the student will have a completed security clearance. The Committee notes the Secretary of Defense is currently required to submit a report to the congressional defense committees on efforts to increase the throughput of security clearances and further directs the Secretary of Defense to provide an update to the congressional defense committees not later than 60 days after the enactment of this Act with any changes to the anticipated date of completion for the report.

## INFORMATION SHARING

The Department of Homeland Security Cybersecurity and Infrastructure Security Agency (CISA) created a program that provides federal civilian agencies, state fusion centers, and select information sharing and analysis centers with no-cost access to commercial cyber threat intelligence and services. This model has provided improved cybersecurity to a constituency that may lack the expertise or other resources to fully manage a comprehensive information technology security program, particularly given increasing cyber threats. The Committee believes that participation in CISA’s program by parties that work with the Department of Defense could reduce cybersecurity risk to such parties, as well as improve the overall effectiveness of the federal cybersecurity protection effort. The Committee directs the Department of Defense Chief Information Officer to examine opportunities for collaboration between the Department of Defense and CISA on commercial cyber threat intelligence shared services, the extent to which parties working with

the Department of Defense are presently participating in or protected by CISA's program, and approaches to expand participation across a greater number of such parties and provide a joint recommendation to the House and Senate Appropriations Committees on a proposal to reach these parties not later than 90 days after the enactment of this Act.

#### CYBERSECURITY SUPPORT

The Committee recognizes the high demand for American cybersecurity professionals which has hindered the ability of the Department of Homeland Security's Cybersecurity and Infrastructure Security Agency (CISA) to fully address our nation's cybersecurity vulnerabilities. For this reason, the Committee directs the Secretary of Defense, in coordination with the Director of CISA, to provide supplementary support to CISA's efforts where necessary to respond to an increasing number of intrusions, particularly by Russia and China.

#### JOINT SPECTRUM CENTER

The joint explanatory statement accompanying the Department of Defense Appropriations Act, 2022, incorporated language regarding the relocation of the Defense Information Systems Agency's Joint Spectrum Center. The Secretary of Defense is required to provide the Committee an update as requested in the Act.

#### GREENHOUSE GAS EMISSIONS REPORT

The Committee encourages the Secretary of Defense, in cooperation with the Secretary of Transportation and the Secretary of Energy, to evaluate the risks and national security implications of United States greenhouse gas emissions on military bases. The Committee recognizes the urgent necessity of reducing greenhouse gas emissions to mitigate the impacts of global climate change. The Committee expects the Department of Defense to integrate considerations of climate impacts into all aspects of military planning and funding. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees outlining the Department's plans to reduce greenhouse gas emissions on military bases not later than 180 days after the enactment of this Act. The report shall be categorized by Service and include a summary of efforts to reduce greenhouse gas emissions by installation.

#### AUDIT OVERSIGHT

In 2018, the Department of Defense conducted its first department-wide audit, which revealed significant technological, security, and organizational deficiencies in the Department's financial management systems. These deficiencies prevent the Department from collecting and reporting financial and performance information that is accurate, reliable, and timely. The current estimate for the Department to receive a clean audit opinion is 2027.

The Committee directs the Under Secretary of Defense (Comptroller) to include with the annual Department of Defense Agency Financial Report an accompanying report that provides a summary for each component that has not received an unqualified opinion,

the progress being made, the root cause of identified deficiencies, and the significant outstanding challenges that remain. The report shall also include, in consultation with the Chief Information Officer, which information technology systems are impeding the ability of the Department to achieve an unqualified audit opinion. The report shall include a detailed description of the Department's strategy to improve or replace its information technology systems and implement business process reengineering initiatives aimed at producing an accurate, timely, and reliable audit across all the Services. Further, the report shall include a plan detailing how the Department will improve tracking of Department assets. The report shall be made available publicly, with a classified annex to the congressional defense committees as necessary, at the time of publication of the annual Department of Defense Agency Financial Report.

Finally, the Committee directs the Comptroller General to review the Department's audit efforts and make recommendations for steps the Department should take to achieve a clean audit opinion before 2027 and provide a report to the congressional defense committees on its findings not later than 270 days after the enactment of this Act.

#### COMMUNITY SUPPORT

The Committee notes that Hawaii has one of the largest and most complex military presences in the nation. The leak from the Red Hill Bulk Fuel Storage Facility was not met with a comprehensive response from either the Services or the Department, and unfortunately, the crises caused confusion and hardships for military families and the local community. The Committee notes that some states have set up "military affairs council" offices under the offices of the governor; these offices serve as liaisons between the state, local entities and the Services. Understanding that the creation of such councils takes time, the Committee directs the Secretary of Defense to work with the Office of the Governor for the State of Hawaii to help address the disconnect between the Services and the communities of Hawaii. The Secretary of Defense shall provide a briefing to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the interaction between the Secretary's office and officials from the State of Hawaii.

#### INFORMATION OPERATIONS

The Committee is encouraged by United States Special Operations Command (USSOCOM) continued work in the information environment to counter misinformation from the People's Republic of China and the Russian Federation. The Committee is also pleased with the establishment of a central fund for Military Information Support Operations to better enable the Office of the Assistant Secretary of Defense for Special Operations and Low Intensity Conflict and USSOCOM to coordinate and execute operations both within and across multiple areas of responsibility. In response to emerging requirements for U.S. Indo-Pacific Command, the Committee recommends \$27,500,000 above the request for information operations consistent with the unfunded priority list for fiscal year

2023. Additional direction is included in the classified annex accompanying this report.

#### REPLACEMENT OF FLUORINATED AQUEOUS FILM FORMING FOAMS

The Committee is aware that Tier 1 Air Force facilities, where loss of aircraft or assets serviced inside would result in mission failure, have programmed replacement of existing fluorinated aqueous film forming foams (AFFF) systems while Tier 2 facilities would use an automatic water sprinkler system which would not sufficiently protect aviation assets in case of fire. The Committee is concerned that many critical aircraft are housed in Tier 2 facilities and directs the Secretary of the Air Force provide a list of Tier 1 and Tier 2 facilities and report to the Committee not later than 90 days after the enactment of this Act on the replacement schedule for phase out of fluorinated AFFF systems.

#### NET ZERO WASTE TO ENERGY

The Committee recognizes the importance of replacing harmful waste removal techniques while simultaneously strengthening the Army's access to alternative fuels on-base. The committee supports existing and future efforts to utilize commercial-scale gasification systems to convert on-base waste into clean energy. The committee also recognizes the added value of converting waste into stored energy using these methods and encourages the Secretary to utilize existing resources to secure additional net zero waste to energy capabilities for domestic Army facilities.

#### GUANTANAMO BAY DETENTION FACILITY

The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act, and quarterly thereafter, on the current number of detainees at the Guantanamo Bay detention facility; their legal status; a description of all Department of Defense costs associated with the facility during the last two fiscal years by program, account, and activity; the status of funds for the current fiscal year; and a description of steps taken to close the facility.

#### YEMEN

The Committee directs the Secretary of Defense to provide a briefing to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on the war in Yemen, including the status of the conflict and any United States support provided to the Saudi-led coalition. The briefing should also include information regarding the occupation of islands and other territory of Yemen.

#### DEFENSE SECURITY COOPERATION AGENCY PROGRAMS

The Secretary of Defense shall, not later than 30 days after the enactment of this Act, submit to the House and Senate Appropriations Committees a detailed spend plan for amounts made available for the Defense Security Cooperation Agency. The plan shall include amounts planned for each program listed in the budget jus-

tification documents and, for International Security Cooperation Programs, amounts provided in the prior two fiscal years and planned for fiscal year 2023 by combatant command, country, and authority. The plan shall only reflect amounts requested in the fiscal year 2023 budget justification materials as modified by fiscal year 2023 appropriations and the Secretary of Defense shall notify such Committees in writing not less than 15 days prior to obligating funds in a manner that would deviate from the plan. A similar document with requested amounts shall be provided to such Committees concurrent with the submission of the fiscal year 2024 budget request.

The Committee recommendation includes \$1,377,850,000 for International Security Cooperation Programs, including \$175,000,000 for countries in the Africa Command area of responsibility; \$130,000,000 for countries in the Southern Command area of responsibility; and \$90,000,000 for Jordan. To respond to Russian aggression in Ukraine, the recommendation includes \$300,000,000, as requested, for the Ukraine Security Assistance Initiative. This is in addition to \$6,000,000,000 for the Initiative, and \$9,050,000,000 to replenish United States stocks of equipment sent to Ukraine, provided by the Additional Ukraine Supplemental Appropriations Act, 2022. The recommendation also includes \$300,000,000 for allies and partners in the region, including \$225,000,000 for the Baltic Security Initiative, \$18,750,000 for Poland; \$18,750,000 for Romania; \$12,500,000 for Bulgaria; and \$25,000,000 for Georgia. The Committee directs that not less than the above amounts be specified in the spend plan. The Committee also directs that congressional notifications submitted for International Security Cooperation Programs and the Ukraine Security Assistance Initiative specify the fiscal year, whether funds support ongoing or new programs, and the duration and expected cost over the life of each program.

The Committee recommendation supports programs with countries in the Indo-Pacific Command area of responsibility, including for maritime security. The Committee is concerned about the situation in Sri Lanka and the deployment of Sri Lanka's military and armored vehicles to the streets of Colombo. The Committee recommendation provides funding for Sri Lanka only for human rights programs, women's programs, institutional capacity building programs, and through the Maritime Security Initiative.

The Committee urges close coordination by federal agencies, including the Department of Defense, Department of State, and Department of Homeland Security, in order to develop and meet shared national security objectives, particularly in the Northern Command and Southern Command areas of responsibility.

The Committee recommendation includes \$10,000,000 for International Security Cooperation Programs to build partner capacity for humanitarian assistance and disaster relief operations and the Secretary of Defense is directed to consult with the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on the use of funds for these purposes. The Committee recommendation also includes \$3,000,000, as requested, for programs that advance the recruitment, employment, development, retention, and promotion of women in foreign security forces

and the Secretary of Defense is directed to submit a spend plan for these funds to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act. The Committee looks forward to reviewing the plan for conducting partner country assessments on barriers to the participation of women in the national security forces of partner countries directed by House Report 117–84, which should inform program development.

The Committee supports increased measures to ensure that security cooperation programs supported by this Act are strategic, address clearly defined goals and objectives, and are integrated with other programs. Accordingly, not later than 90 days after the enactment of this Act, the Secretary of Defense, in coordination with the Secretary of State, shall submit to the congressional defense committees an integrated security cooperation strategy for Georgia, Kenya, Peru, and Vietnam. Each strategy shall include an overview of the security relationship between the United States and the country; a description of the goals, objectives, and milestones of security cooperation programs and initiatives supported by the Department of Defense and the Department of State; a description of how programs complement rather than duplicate one another; funding by account and program for fiscal year 2023 and the prior two fiscal years; and a description of host country capabilities and financial contributions towards shared security goals. The Secretary of Defense shall consult with the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act.

The Committee notes that international security cooperation programs funded under this heading are subject to 10 U.S.C. 362, which prohibits assistance for a unit of a foreign security force if the Secretary of Defense has credible information that the unit has committed a gross violation of human rights. The Committee also expects the Secretary of Defense to withhold assistance for a unit of a foreign security force if the Secretary has credible information that the unit has used United States military assistance against United States personnel and directs the Secretary of Defense to inform the congressional defense committees of any such misuse. Further, the Committee is concerned about end-use monitoring of assistance provided under this heading and expects the Department of Defense to implement any outstanding Government Accountability Office recommendations related to end-use monitoring not later than 45 days after the enactment of this Act.

The Committee remains interested in evaluations of security cooperation programs with Northern triangle countries and expects the Secretary of Defense to keep the Committee apprised of any such evaluations. The Committee is also interested in Army security force assistance brigade deployments and any congressional notification made pursuant to 10 U.S.C. 321 or 10 U.S.C. 333 should include a description of the number of individuals deployed and their training; the amount, type, and purpose of the training and equipment to be provided to the recipient country's security forces; the timeline and source of funds; and how the proposed program fits into the overall security cooperation goals of the brigade or country.

The Committee recommendation includes funding for strategic evaluations and directs an evaluation of how to assess the will to fight of foreign security forces and to incorporate such information in security cooperation programming. The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees on these evaluations not later than 30 days after the enactment of this Act.

The Committee notes the significant unobligated balances from prior year appropriations and the Committee recommendation includes a rescission of funds. The Committee directs that such funds are not derived from congressional priorities, including programs increased by fiscal year 2022 appropriations, and the Secretary of Defense is directed to consult with the House and Senate Appropriations Committees with respect to such rescission not later than 30 days after the enactment of this Act. The Committee notes that the Department of Defense has discontinued the practice of submitting congressional notifications for funds that have not been appropriated and for new programs during a continuing resolution period, addressing concerns raised in House Report 117–88.

#### CIVILIAN HARM MITIGATION AND RESPONSE

The Committee supports Department of Defense reforms to avoid, mitigate, and respond to civilian harm and notes the January 27, 2022, Memorandum from the Secretary of Defense directing a Civilian Harm Mitigation and Response Action Plan. The explanatory statement for the Department of Defense Appropriations Act, 2022, directed the Secretary to provide a briefing to the congressional defense committees following the release of the plan and the Committee will consider funding for these purposes following this briefing.

#### EX GRATIA PAYMENTS

The Committee recommendation includes sufficient funds under Operation and Maintenance, Defense-Wide for payments made to redress injury and loss pursuant to section 1213 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92).

#### FOREIGN BASE NOTIFICATION

The Act requires the Secretary of Defense to notify the congressional defense committees of the opening or closing of foreign bases. The Committee notes that the Department of Defense has not complied with similar requirements from prior years and includes language making funds unavailable for obligation or expenditure until these notifications are submitted.

#### QUARTERLY REPORTS ON DEPLOYMENTS OF UNITED STATES ARMED FORCES

The Act requires the Secretary of Defense to provide quarterly reports on the deployment of United States Armed Forces by each geographic combatant command. The Committee notes that the Department of Defense has not complied with similar requirements



from prior years and includes language making funds unavailable for obligation and expenditure until these reports are submitted.

**COUNTER-ISIS TRAIN AND EQUIP FUND**

Fiscal year 2023 budget request .....	\$541,692,000
Committee recommendation .....	450,000,000
Change from budget request .....	- 91,692,000

The Committee recommends an appropriation of \$450,000,000 for the Counter-ISIS Train and Equip Fund which will provide the following program in fiscal year 2023:

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Iraq Train and Equip .....	358,015	300,000	- 58,015
Historical unobligated balances .....		- 58,015	
Syria Train and Equip .....	183,677	150,000	- 33,677
Historical unobligated balances .....		- 33,677	
TOTAL, COUNTER-ISIS TRAIN AND EQUIP FUND .....	541,692	450,000	- 91,692

The Committee recommendation supports the Iraqi Security Forces, Kurdish Peshmerga, and the Syrian Democratic Forces to participate in activities to counter the Islamic State of Iraq and Syria (ISIS). The recommendation continues the requirement that the Secretary of Defense ensure elements are appropriately vetted and receiving commitments from them to promote respect for human rights and the rule of law.

The Committee recommendation includes \$300,000,000 to counter ISIS in Iraq. The Committee supports Department of Defense efforts to provide a glidepath for stipend support for the Peshmerga and expects future budget requests to propose reducing this support while continuing training, equipment, and sustainment, as appropriate. The Committee recommendation also includes \$150,000,000 to counter ISIS in Syria.

The Committee directs the Secretary of Defense to ensure that congressional notifications submitted for funds provided under this heading include a description of the amount, type, and purpose of assistance to be funded, and the recipient of the assistance; the budget and implementation timeline, with anticipated delivery schedule for assistance; and a description of any material misuse of assistance since the last notification was submitted, along with a description of any remedies taken.

The Act continues the authority for the Secretary of Defense to provide construction for facility fortification and requires the Secretary to prioritize contributions from foreign governments when providing any such assistance. The Committee expects the Secretary of Defense to work with the Secretary of State to encourage contributions from foreign governments and directs that any congressional notification submitted for construction for facility fortification include detailed information on the scope of proposed projects and contributions from foreign governments. The Committee further directs the Secretary of Defense to consult with the

House and Senate Appropriations Committees prior to submitting any congressional notification for construction for detention facilities.

In line with expected progress to normalize security assistance for Iraq, the Committee recommendation reduces funding requested under Operation and Maintenance, Air Force, for the Office of Security Cooperation-Iraq. Consistent with the transition described in the June 2021 *Assessment of United States Security Assistance Programs with Iraq* submitted by the Department of Defense, funding for this Office should not be necessary after fiscal year 2023.

OPERATION AND MAINTENANCE, ARMY RESERVE

Fiscal year 2023 budget request .....	\$3,228,504,000
Committee recommendation .....	3,169,504,000
Change from budget request .....	-59,000,000

The Committee recommends an appropriation of \$3,169,504,000 for Operation and Maintenance, Army Reserve which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from request
112 MODULAR SUPPORT BRIGADES	14,404	14,404	0
113 ECHELONS ABOVE BRIGADES Unjustified growth	662,104	632,104 -30,000	-30,000
114 THEATER LEVEL ASSETS Unjustified growth	133,599	131,599 -2,000	-2,000
115 LAND FORCES OPERATIONS SUPPORT Unjustified growth	646,693	638,693 -8,000	-8,000
116 AVIATION ASSETS Unjustified growth	128,883	125,883 -3,000	-3,000
121 FORCES READINESS OPERATIONS SUPPORT	409,994	409,994	0
122 LAND FORCES SYSTEM READINESS	90,595	90,595	0
123 LAND FORCES DEPOT MAINTENANCE	44,453	44,453	0
131 BASE OPERATIONS SUPPORT	567,170	567,170	0
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	358,772	358,772	0
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	22,112	22,112	0
151 CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	2,929	2,929	0
153 CYBERSPACE ACTIVITIES - CYBERSECURITY	7,382	7,382	0
421 SERVICEWIDE TRANSPORTATION	18,994	18,994	0
431 ADMINISTRATION	20,670	20,670	0
432 SERVICEWIDE COMMUNICATIONS	31,652	31,652	0
433 MANPOWER MANAGEMENT	6,852	6,852	0
434 OTHER PERSONNEL SUPPORT	61,246	61,246	0
HISTORICAL UNOBLIGATED BALANCES		-18,000	-18,000
TRAUMA TRAINING		2,000	2,000

OPERATION AND MAINTENANCE, NAVY RESERVE

Fiscal year 2023 budget request .....	\$1,228,300,000
Committee recommendation .....	1,216,300,000
Change from budget request .....	- 12,000,000

The Committee recommends an appropriation of \$1,216,300,000 for Operation and Maintenance, Navy Reserve which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A MISSION AND OTHER FLIGHT OPERATIONS Unjustified growth	669,533	662,533 -7,000	-7,000
1A3A INTERMEDIATE MAINTENANCE	11,134	11,134	0
1A5A AIRCRAFT DEPOT MAINTENANCE	164,892	164,892	0
1A6A AIRCRAFT DEPOT OPERATIONS SUPPORT	494	494	0
1A9A AVIATION LOGISTICS	25,843	25,843	0
1C1C COMBAT COMMUNICATIONS	20,135	20,135	0
1C6C COMBAT SUPPORT FORCES	131,104	131,104	0
1CCY CYBERSPACE ACTIVITIES	289	289	0
BSIT ENTERPRISE INFORMATION TECHNOLOGY	27,189	27,189	0
BSMF SUSTAINMENT, RESTORATION & MODERNIZATION	44,784	44,784	0
BSSR BASE OPERATING SUPPORT	116,374	116,374	0
4A1M ADMINISTRATION	1,986	1,986	0
4A4M MILITARY MANPOWER & PERSONNEL	12,550	12,550	0
4B3N ACQUISITION AND PROGRAM MANAGEMENT	1,993	1,993	0
HISTORICAL UNOBLIGATED BALANCES		-7,000	-7,000
TRAUMA TRAINING		2,000	2,000

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Fiscal year 2023 budget request .....	\$304,233,000
Committee recommendation .....	340,733,000
Change from budget request .....	+36,500,000

The Committee recommends an appropriation of \$340,733,000 for Operation and Maintenance, Marine Corps Reserve which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
<b>1A1A OPERATING FORCES</b>	<b>109,045</b>	<b>146,545</b>	<b>37,500</b>
Program increase - cold weather clothing, combat clothing and equipment		37,500	
<b>1A3A DEPOT MAINTENANCE</b>	<b>19,361</b>	<b>19,361</b>	-
<b>BSM1 SUSTAINMENT, RESTORATION &amp; MODERNIZATION</b>	<b>45,430</b>	<b>45,430</b>	-
<b>BSS1 BASE OPERATING SUPPORT</b>	<b>118,364</b>	<b>118,364</b>	
<b>4A4G ADMINISTRATION</b>	<b>12,033</b>	<b>12,033</b>	
HISTORICAL UNOBLIGATED BALANCES		-3,000	-3,000
TRAUMA TRAINING		2,000	2,000

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Fiscal year 2023 budget request .....	\$3,564,544,000
Committee recommendation .....	3,535,544,000
Change from budget request .....	- 29,000,000

The Committee recommends an appropriation of \$3,535,544,000 for Operation and Maintenance, Air Force Reserve which will provide the following program in fiscal year 2023:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
11A PRIMARY COMBAT FORCES Unjustified growth	1,743,908	1,732,908 -11,000	-11,000
11G MISSION SUPPORT OPERATIONS	193,568	193,568	0
11M DEPOT PURCHASE EQUIPMENT MAINTENANCE	493,664	493,664	0
11R FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	133,782	133,782	0
11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	341,724	341,724	0
11Z BASE OPERATING SUPPORT	522,195	522,195	0
12D CYBERSPACE ACTIVITIES Program increase - automated security validation system	1,706	6,706 5,000	5,000
42A ADMINISTRATION	102,038	102,038	0
42J RECRUITING AND ADVERTISING	9,057	9,057	0
42K MILITARY MANPOWER AND PERSONNEL MANAGEMENT	14,896	14,896	0
42L OTHER PERSONNEL SUPPORT	7,544	7,544	0
42M AUDIOVISUAL	462	462	0
HISTORICAL UNOBLIGATED BALANCES		-25,000	-25,000
TRAUMA TRAINING		2,000	2,000

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Fiscal year 2023 budget request .....	\$8,157,237,000
Committee recommendation .....	8,094,937,000
Change from budget request .....	- 62,300,000

The Committee recommends an appropriation of \$8,094,937,000 for Operation and Maintenance, Army National Guard which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
111 MANEUVER UNITS	964,237	960,737	-3,500
Program increase - Northern Strike		11,500	
Unjustified growth		-15,000	
112 MODULAR SUPPORT BRIGADES	214,191	214,191	0
113 ECHELONS ABOVE BRIGADE	820,752	820,752	0
114 THEATER LEVEL ASSETS	97,184	97,184	0
115 LAND FORCES OPERATIONS SUPPORT	54,595	52,595	-2,000
Unjustified growth		-2,000	
116 AVIATION ASSETS	1,169,826	1,160,826	-9,000
Unjustified growth		-9,000	
121 FORCE READINESS OPERATIONS SUPPORT	722,788	722,788	0
122 LAND FORCES SYSTEMS READINESS	46,580	46,580	0
123 LAND FORCES DEPOT MAINTENANCE	259,765	259,765	0
131 BASE OPERATIONS SUPPORT	1,151,215	1,146,215	-5,000
Unjustified growth		-5,000	
132 FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	1,053,996	1,053,996	0
133 MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,148,286	1,148,286	0
151 CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	8,715	8,715	0
153 CYBERSPACE ACTIVITIES - CYBERSECURITY	8,307	8,307	0
421 SERVICEWIDE TRANSPORTATION	6,961	6,961	0
431 ADMINISTRATION	73,641	81,841	8,200
Program increase - State Partnership Program		8,200	
432 SERVICEWIDE COMMUNICATIONS	100,389	100,389	0
433 MANPOWER MANAGEMENT	9,231	9,231	0
434 OTHER PERSONNEL SUPPORT	243,491	243,491	0
437 REAL ESTATE MANAGEMENT	3,087	3,087	0

<u>O-1</u>	<u>Budget Request</u>	<u>Committee Recommended</u>	<u>Change from Request</u>
HISTORICAL UNOBLIGATED BALANCES		-54,000	-54,000
TRAUMA TRAINING		3,000	3,000

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Fiscal year 2023 budget request .....	\$6,900,679,000
Committee recommendation .....	6,908,979,000
Change from budget request .....	+8,300,000

The Committee recommends an appropriation of \$6,908,979,000 for Operation and Maintenance, Air National Guard which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
<b>11F AIRCRAFT OPERATIONS</b>	<b>2,301,784</b>	<b>2,294,784</b>	<b>-7,000</b>
Program increase - Northern Strike		1,000	
Unjustified growth		-8,000	
<b>11G MISSION SUPPORT OPERATIONS</b>	<b>587,793</b>	<b>598,193</b>	<b>10,400</b>
Program increase - State Partnership Program		5,100	
Program increase - ANG JTAC contractor support		8,000	
Transfer to OP AF PE 52831F		-2,700	
<b>11M DEPOT PURCHASE EQUIPMENT MAINTENANCE</b>	<b>1,193,699</b>	<b>1,201,699</b>	<b>8,000</b>
Program increase - KC-135		8,000	
<b>11R REAL PROPERTY MAINTENANCE</b>	<b>437,042</b>	<b>471,042</b>	<b>34,000</b>
Program increase - runway renovation projects		16,000	
Program increase - facility enhancements for future foreign military training sites		18,000	
<b>11W CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT</b>	<b>1,284,264</b>	<b>1,269,264</b>	<b>-15,000</b>
Unjustified growth		-15,000	
<b>11Z BASE OPERATING SUPPORT</b>	<b>967,169</b>	<b>969,569</b>	<b>2,400</b>
Program increase - MQ-9 dissemination hub		2,400	
<b>11V CYBERSPACE SUSTAINMENT</b>	<b>12,661</b>	<b>12,661</b>	<b>0</b>
<b>12D CYBERSPACE ACTIVITIES</b>	<b>15,886</b>	<b>15,886</b>	<b>0</b>
<b>42A ADMINISTRATION</b>	<b>52,075</b>	<b>52,075</b>	<b>0</b>
<b>42J RECRUITING AND ADVERTISING</b>	<b>48,306</b>	<b>48,306</b>	<b>0</b>
<b>DENY CLOSURE OF COMBAT READINESS TRAINING CENTER</b>		<b>2,500</b>	<b>2,500</b>
<b>TRAUMA TRAINING</b>		<b>3,000</b>	<b>3,000</b>
<b>HISTORICAL UNOBLIGATED BALANCES</b>		<b>-30,000</b>	<b>-30,000</b>

COMBAT READINESS TRAINING CENTER

The Committee acknowledges the need for the Services to manage their facilities and installations that meet readiness training requirements. The Committee, however, does not support decisions by the Department of Defense or the Services, either by the Active or Reserve Components, to invest in upgrades for installations, bases, or training centers, only to be followed by the closure of these facilities. This seems to be a waste of taxpayer funds. The Committee includes \$2,500,000 under the Operation and Maintenance, Air National Guard account to review policies and procedures for closing any combat readiness training center.

UNITED STATES COURT OF APPEALS FOR THE  
ARMED FORCES

Fiscal year 2023 budget request .....	\$16,003,000
Committee recommendation .....	16,003,000
Change from budget request .....	---

The Committee recommends an appropriation of \$16,003,000 for the United States Court of Appeals for the Armed Forces.

ENVIRONMENTAL RESTORATION, ARMY

Fiscal year 2023 budget request .....	\$196,244,000
Committee recommendation .....	273,700,000
Change from budget request .....	+77,456,000

The Committee recommends an appropriation of \$273,700,000 for Environmental Restoration, Army.

ENVIRONMENTAL RESTORATION, NAVY

Fiscal year 2023 budget request .....	\$359,348,000
Committee recommendation .....	390,113,000
Change from budget request .....	+30,765,000

The Committee recommends an appropriation of \$390,113,000 for Environmental Restoration, Navy.

ENVIRONMENTAL RESTORATION, AIR FORCE

Fiscal year 2023 budget request .....	\$314,474,000
Committee recommendation .....	438,810,000
Change from budget request .....	+124,336,000

The Committee recommends an appropriation of \$438,810,000 for Environmental Restoration, Air Force.

ENVIRONMENTAL RESTORATION, DEFENSE WIDE

Fiscal year 2023 budget request .....	\$8,924,000
Committee recommendation .....	10,979,000
Change from budget request .....	+2,055,000

The Committee recommends an appropriation of \$10,979,000 for Environmental Restoration, Defense-Wide.

**ENVIRONMENTAL RESTORATION, FORMERLY USED  
DEFENSE SITES**

Fiscal year 2023 budget request .....	\$227,262,000
Committee recommendation .....	292,580,000
Change from budget request .....	+65,318,000

The Committee recommends an appropriation of \$292,580,000 for Environmental Restoration, Formerly Used Defense Sites. The Committee expects the Secretary of Defense and the Service Secretaries to execute the Military Munitions Response Program in a manner consistent with the budget request.

**OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID**

Fiscal year 2023 budget request .....	\$112,800,000
Committee recommendation .....	150,000,000
Change from budget request .....	+37,200,000

The Committee recommends an appropriation of \$150,000,000 for Overseas Humanitarian, Disaster, and Civic Aid, which will provide the following program in fiscal year 2023:

**EXPLANATION OF PROJECT LEVEL ADJUSTMENTS**

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
FOREIGN DISASTER RELIEF .....	20,000	25,000	5,000
Program increase .....		5,000	
HUMANITARIAN ASSISTANCE .....	77,800	100,000	22,200
Program increase .....		22,200	
HUMANITARIAN MINE ACTION PROGRAM .....	15,000	25,000	10,000
Program increase .....		10,000	
TOTAL, OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID .....	112,800	150,000	37,200

The Committee directs the Secretary of Defense to submit a spend plan for Humanitarian Assistance and the Humanitarian Mine Action Program to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act. The plan shall include amounts planned for each combatant command, country, and program area, as well as a comparison to funding provided in the previous two fiscal years. Such information shall be included in the justification materials that accompany the fiscal year 2024 budget request.

The Committee recommendation supports Humanitarian Mine Action Program training in third party countries to increase the cost effectiveness of programs and to assist countries such as Ukraine, where the safety of training and host country personnel are a concern. The Committee directs the Secretary of Defense to consult with the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on the use of funds for these purposes.

**COOPERATIVE THREAT REDUCTION ACCOUNT**

Fiscal year 2023 budget request .....	\$341,598,000
Committee recommendation .....	351,598,000
Change from budget request .....	+10,000,000



The Committee recommends an appropriation of \$351,598,000 for the Cooperative Threat Reduction Account which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Strategic Offensive Arms Elimination .....	6,859	6,859	0
Chemical Weapons Destruction .....	14,998	14,998	0
Global Nuclear Security .....	18,088	18,088	0
Biological Threat Reduction Program .....	225,000	235,000	10,000
Program increase—Biological Threat Reduction Program .....		10,000	
Proliferation Prevention Program .....	45,890	45,890	0
Other Assessments/Admin Costs .....	30,763	30,763	0
<b>TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT .....</b>	<b>341,598</b>	<b>351,598</b>	<b>10,000</b>

DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT

Fiscal year 2023 budget request .....	\$53,791,000
Committee recommendation .....	53,791,000
Change from budget request .....	— —

The Committee recommends an appropriation of \$53,791,000 for the Department of Defense Acquisition Workforce Development Account.



TITLE III  
PROCUREMENT

The fiscal year 2023 Department of Defense procurement budget request totals \$144,879,111,000. The Committee recommendation provides \$143,922,386,000 for the procurement accounts. The table below summarizes the Committee recommendations:

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
SUMMARY						
ARMY						
AIRCRAFT.....	---	2,849,655	---	3,276,970		+427,315
MISSILES.....	---	3,761,915	---	3,750,465		-11,450
WEAPONS AND TRACKED COMBAT VEHICLES.....	---	3,576,030	---	3,604,302		+28,272
AMMUNITION.....	---	2,639,051	---	2,576,648		-62,403
OTHER.....	---	8,457,509	---	8,243,869		-213,640
TOTAL, ARMY.....	---	21,284,160	---	21,452,254		+168,094
NAVY						
AIRCRAFT.....	---	16,848,428	---	16,334,708		-513,720
WEAPONS.....	---	4,738,705	---	4,594,139		-144,566
AMMUNITION.....	---	1,052,292	---	911,982		-140,310
SHIPS.....	---	27,917,854	---	27,780,407		-137,447
OTHER.....	---	11,746,503	---	11,285,187		-461,316
MARINE CORPS.....	---	3,681,506	---	3,414,365		-267,141
TOTAL, NAVY.....	---	65,985,288	---	64,320,788		-1,664,500
AIR FORCE						
AIRCRAFT.....	---	18,517,428	---	18,114,396		-403,032
MISSILES.....	---	2,962,417	---	2,866,722		-95,695
AMMUNITION.....	---	903,630	---	890,530		-13,100
OTHER.....	---	25,691,113	---	25,426,674		-264,439
TOTAL, AIR FORCE.....	---	48,074,588	---	47,298,322		-776,266
SPACE FORCE						
SPACE PROGRAMS.....		3,629,669		3,717,369		+87,700
TOTAL, SPACE FORCE.....		3,629,669		3,717,369		+87,700
DEFENSE-WIDE						
DEFENSE-WIDE.....	---	5,245,500	---	5,425,747		+180,247
NATIONAL GUARD AND RESERVE EQUIPMENT.....	---		---	1,000,000		+1,000,000
DEFENSE PRODUCTION ACT PURCHASES.....	---	659,906	---	707,906		+48,000
TOTAL PROCUREMENT.....		144,879,111		143,922,386		-956,725

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations bill for Fiscal Year 2008 (House Report 110–279). Specifically, the dollar threshold for reprogramming funds shall be \$10,000,000 for procurement and research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with 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.

FUNDING INCREASES

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

PROCUREMENT SPECIAL INTEREST ITEMS

Items for which additional funds have been recommended or items for which funding is specifically reduced as shown in the project level tables detailing recommended adjustments 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 elsewhere in this report.

AIRCRAFT PROCUREMENT, ARMY

Fiscal year 2023 budget request .....	\$2,849,655,000
Committee recommendation .....	3,276,970,000
Change from budget request .....	+427,315,000

The Committee recommends an appropriation of \$3,276,970,000 for Aircraft Procurement, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
5 SMALL UNMANNED AIRCRAFT SYSTEMS	10,598	10,598	0
7 AH-64 APACHE BLOCK IIIA REMAN	524,661	524,661	0
8 AH-64 APACHE BLOCK IIIA REMAN (AP)	169,218	169,218	0
10 UH-60 BLACKHAWK M MODEL (MYP) Program increase - ten UH-60M for the National Guard	650,406	923,406 273,000	273,000
11 UH-60 BLACKHAWK M MODEL (MYP) (AP)	68,147	68,147	0
12 UH-60 BLACK HAWK L AND V MODELS	178,658	178,658	0
13 CH-47 HELICOPTER	169,149	169,149	0
14 CH-47 HELICOPTER (AP)	18,749	18,749	0
16 MQ-1 PAYLOAD	57,700	57,700	0
18 GRAY EAGLE MODS2 Program increase - ELINT upgrades Program increase - MQ-1C Gray Eagle extended range multi-domain operations	13,038	143,038 10,000 120,000	130,000
19 MULTI SENSOR ABN RECON	21,380	21,380	0
20 AH-64 MODS	85,840	85,840	0
21 CH-47 CARGO HELICOPTER MODS (MYP) Program increase - CH-47 degraded visual environment Program increase - hybrid enhanced ballistic protection system	11,215	51,215 25,000 15,000	40,000
24 EMARSS SEMA MODS	1,591	1,591	0
26 UTILITY HELICOPTER MODS	21,346	21,346	0
27 NETWORK AND MISSION PLAN	44,526	44,526	0
28 COMMS, NAV SURVEILLANCE	72,387	72,387	0
30 AVIATION ASSURED PNT PM costs excess	71,130	69,320 -1,810	-1,810
31 GATM ROLLUP	14,683	14,683	0
34 AIRCRAFT SURVIVABILITY EQUIPMENT	167,927	167,927	0

P-1	Budget Request	Committee Recommended	Change from Request
35 SURVIVABILITY CM	6,622	6,622	0
36 CMWS	107,112	107,112	0
37 COMMON INFRARED COUNTERMEASURES (CIRC) Unit cost increases	288,209	274,334 -13,875	-13,875
39 COMMON GROUND EQUIPMENT	20,823	20,823	0
40 AIRCREW INTEGRATED SYSTEMS	25,773	25,773	0
41 AIR TRAFFIC CONTROL	27,492	27,492	0
42 LAUNCHER, 2.75 ROCKET	1,275	1,275	0

MISSILE PROCUREMENT, ARMY

Fiscal year 2023 budget request .....	\$3,761,915,000
Committee recommendation .....	3,750,465,000
Change from budget request .....	- 11,450,000

The Committee recommends an appropriation of \$3,750,465,000 for Missile Procurement, Army which will provide the following program in fiscal year 2023:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 LOWER TIER AIR AND MISSILE DEFENSE (AMD)	4,260	4,260	0
2 LOWER TIER AIR AND MISSILE DEFENSE (AMD) (AP)	9,200	9,200	0
3 M-SHORAD - PROCUREMENT	135,747	135,747	0
4 MSE MISSILE	1,037,093	1,037,093	0
5 PRECISION STRIKE MISSILE (PRSM)	213,172	213,172	0
6 INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	18,924	18,924	0
7 HELLFIRE SYS SUMMARY	111,294	101,401	-9,893
Unit cost increase		-6,893	
Government management excess request		-3,000	
8 JOINT AIR-TO-GROUND MSLS (JAGM)	216,030	216,030	0
10 LONG-RANGE HYPERSONIC WEAPON	249,285	249,285	0
11 JAVELIN (AAWS-M) SYSTEM SUMMARY	162,968	162,968	0
12 TOW 2 SYSTEM SUMMARY	105,423	103,866	-1,557
Unit cost increase		-1,557	
13 GUIDED MLRS ROCKET (GMLRS)	785,028	785,028	0
14 MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	4,354	4,354	0
15 HIGH MOBILITY ARTILLERY ROCKET SYSTEM	155,705	155,705	0
16 LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	37,937	37,937	0
17 PATRIOT MODS	253,689	253,689	0
20 ITAS/TOW MODS	5,154	5,154	0
21 MLRS MODS	218,359	218,359	0
22 HIMARS MODIFICATIONS	20,468	20,468	0
23 SPARES AND REPAIR PARTS	6,508	6,508	0
24 AIR DEFENSE TARGETS	11,317	11,317	0

PROCUREMENT OF WEAPONS AND TRACKED COMBAT  
VEHICLES, ARMY

Fiscal year 2023 budget request .....	\$3,576,030,000
Committee recommendation .....	3,604,302,000
Change from budget request .....	+28,272,000

The Committee recommends an appropriation of \$3,604,302,000 for Procurement of Weapons and Tracked Combat Vehicles, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 ARMORED MULTI PURPOSE VEHICLE (AMPV)	380,677	380,677	0
2 ASSAULT BREACHER VEHICLE (ABV)	3,852	3,852	0
3 MOBILE PROTECTED FIREPOWER Government management excess	356,708	354,708 -2,000	-2,000
4 STRYKER UPGRADE Carryover Unit cost increases	671,271	642,957 -18,189 -10,125	-28,314
5 BRADLEY PROGRAM (MOD) A4 mods ahead of need A4 mods unit cost increases	279,531	212,845 -19,133 -47,553	-66,686
6 M109 FOV MODIFICATIONS	3,028	3,028	0
7 PALADIN INTEGRATED MANAGEMENT (PIM) Unit cost increases Theater provided equipment ahead of need Program increase	493,003	680,089 -6,318 -16,596 210,000	187,086
8 IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) Carryover	138,759	132,203 -6,556	-6,556
12 JOINT ASSAULT BRIDGE	36,990	36,990	0
14 ABRAMS UPGRADE PROGRAM Unit cost increases	656,340	634,340 -22,000	-22,000
17 MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL	26,627	26,627	0
18 MORTAR SYSTEMS	8,516	8,516	0
19 LOCATION & AZIMUTH DETERMINATION SYSTEM	48,301	48,301	0
20 XM320 GRENADE LAUNCHER MODULE (GLM)	11,703	11,703	0
21 PRECISION SNIPER RIFLE	6,436	6,436	0
24 NEXT GENERATION SQUAD WEAPON Fire control contract delays insufficient justification	221,293	185,035 -36,258	-36,258
28 M777 MODS	3,374	3,374	0
30 M2 50 CAL MACHINE GUN MODS Program increase - cannon life extension program	0	3,000 3,000	3,000
33 M119 MODIFICATIONS	2,263	2,263	0

P-1	Budget Request	Committee Recommended	Change from Request
36 ITEMS LESS THAN \$5.0M (WOCV-WTCV)	2,138	2,138	0
37 PRODUCTION BASE SUPPORT (WOCV-WTCV)	225,220	225,220	0

## PROCUREMENT OF AMMUNITION, ARMY

Fiscal year 2023 budget request .....	\$2,639,051,000
Committee recommendation .....	2,576,648,000
Change from budget request .....	-62,403,000

The Committee recommends an appropriation of \$2,576,648,000 for Procurement of Ammunition, Army which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 CTG, 5.56MM, ALL TYPES	59,447	64,724	5,277
Ahead of need		-4,723	
Program increase		10,000	
2 CTG, 7.62MM, ALL TYPES	90,019	96,364	6,345
Carryover		-3,655	
Program increase		10,000	
3 NEXT GENERATION SQUAD WEAPON AMMUNITION	128,662	96,496	-32,166
Schedule delays		-32,166	
4 CTG, HANDGUN, ALL TYPES	317	317	0
5 CTG, .50 CAL, ALL TYPES	35,849	41,133	5,284
Carryover		-4,716	
Program increase		10,000	
6 CTG, 20MM, ALL TYPES	11,761	11,761	0
7 CTG, 25MM, ALL TYPES	10,270	10,270	0
8 CTG, 30MM, ALL TYPES	143,045	143,045	0
9 CTG, 40MM, ALL TYPES	85,213	82,199	-3,014
Carryover		-3,014	
10 60MM MORTAR, ALL TYPES	33,338	30,262	-3,076
Ahead of need		-3,076	
11 81MM MORTAR, ALL TYPES	56,577	54,416	-2,161
Ahead of need		-2,161	
12 120MM MORTAR, ALL TYPES	127,168	117,101	-10,067
Ahead of need		-10,067	
13 CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	296,943	296,943	0
14 ARTILLERY CARTRIDGES, 75MM & 105MM, ALL	7,647	7,647	0
15 ARTILLERY PROJECTILE, 155MM, ALL TYPES	182,455	184,969	2,514
Monthly obligation plan less than request		-17,486	
Program increase - XM1113 and XM1128		20,000	
17 PRECISION ARTILLERY MUNITIONS	166,334	156,371	-9,963
Ahead of need		-9,963	
18 ARTILLERY PROPELLANTS, FUZES AND PRIMERS	143,763	126,661	-17,102
Ahead of need		-17,102	

P-1	Budget Request	Committee Recommended	Change from Request
19 MINES & CLEARING CHARGES, ALL TYPES	80,920	76,646	-4,274
APOBS unit cost increases		-4,274	
20 CLOSE TERRAIN SHAPING OBSTACLE	53,579	53,579	0
21 SHOULDER LAUNCHED MUNITIONS, ALL TYPES	18,159	18,159	0
22 ROCKET, HYDRA 70, ALL TYPES	171,697	171,697	0
23 CAD/PAD, ALL TYPES	7,643	7,643	0
24 DEMOLITION MUNITIONS, ALL TYPES	29,796	29,796	0
25 GRENADES, ALL TYPES	36,251	36,251	0
26 SIGNALS, ALL TYPES	13,852	13,852	0
27 SIMULATORS, ALL TYPES	9,350	9,350	0
29 AMMO COMPONENTS, ALL TYPES	3,823	3,823	0
30 ITEMS LESS THAN \$5 MILLION (AMMO)	19,921	19,921	0
31 AMMUNITION PECULIAR EQUIPMENT	13,001	13,001	0
32 FIRST DESTINATION TRANSPORTATION (AMMO)	17,528	17,528	0
33 CLOSEOUT LIABILITIES	101	101	0
34 INDUSTRIAL FACILITIES	499,613	499,613	0
35 CONVENTIONAL MUNITIONS DEMILITARIZATION	80,970	80,970	0
36 ARMS INITIATIVE	4,039	4,039	0

OTHER PROCUREMENT, ARMY

Fiscal year 2023 budget request .....	\$8,457,509,000
Committee recommendation .....	8,243,869,000
Change from budget request .....	- 213,640,000

The Committee recommends an appropriation of \$8,243,869,000 for Other Procurement, Army which will provide the following program in fiscal year 2023:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
2 SEMITRAILERS, FLATBED	23,021	23,021	0
3 SEMITRAILERS, TANKERS Carryover	21,869	19,369 -2,500	-2,500
4 HI MOB MULTI-PURP WHLD VEH (HMMWV)	6,121	6,121	0
5 GROUND MOBILITY VEHICLES (GMV) Program increase - Infantry Squad Vehicle	34,316	44,316 10,000	10,000
6 ARNG HMMWV MODERNIZATION PROGRAM Program increase	0	120,000 120,000	120,000
7 JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES Unit cost increases	703,110	686,396 -16,714	-16,714
8 TRUCK, DUMP, 20T (CCE) Program increase	0	30,000 30,000	30,000
9 FAMILY OF MEDIUM TACTICAL VEH (FMTV) SEPM and fielding ahead of need	74,086	63,175 -10,911	-10,911
10 FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE	23,772	23,772	0
11 FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	39,950	39,950	0
12 FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) Costs ahead of need	96,112	89,642 -6,470	-6,470
13 PLS ESP	54,674	54,674	0
15 TACTICAL WHEELED VEHICLE PROTECTION KITS Program increase - JLTV explosively formed penetrator protection kits	0	20,000 20,000	20,000
16 MODIFICATION OF IN SVC EQUIP Program increase - HMMWV ABS/ESC retrofit kits	31,819	82,319 50,500	50,500
17 PASSENGER CARRYING VEHICLES	1,286	1,286	0
18 NONTACTICAL VEHICLES, OTHER	15,059	15,059	0
19 SIGNAL MODERNIZATION PROGRAM	179,853	179,853	0
20 TACTICAL NETWORK TECHNOLOGY MOD IN SVC Program increase - armored formation on the move	382,007	420,407 38,400	38,400
22 DISASTER INCIDENT RESPONSE COMMS TERMINAL	4,066	4,066	0

P-1	Budget Request	Committee Recommended	Change from Request	
23	JCSE EQUIPMENT (USRDECOM)	5,505	5,505	0
26	DEFENSE ENTERPRISE WIDEBAND SATCOM	107,228	107,228	0
27	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	119,259	109,836	-9,423
	Carryover		-5,009	
	Costs ahead of need		-4,414	
28	SHF TERM	23,173	23,173	0
29	ASSURED POSITIONING, NAVIGATION AND TIMING	184,911	184,911	0
30	EHF SATELLITE COMMUNICATION	5,853	5,853	0
31	SMART-T (SPACE)	4,916	4,916	0
32	GLOBAL BRDCST SVC - GBS	3,179	3,179	0
34	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	94,287	94,287	0
35	HANDHELD MANPACK SMALL FORM FIT (HMS)	728,366	682,375	-45,991
	SCDR reduction tied to IVAS reduction		-23,096	
	Manpack unit cost increases		-8,123	
	Manpack support costs previously funded		-14,772	
37	ARMY LINK 16 SYSTEMS	47,581	47,581	0
38	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	0	15,000	15,000
	Program increase - active hearing protection		15,000	
39	UNIFIED COMMAND SUITE	20,178	30,178	10,000
	Program increase - communications interoperability mission improvements		10,000	
40	COTS COMMUNICATIONS EQUIPMENT	320,595	323,654	3,059
	LCTRR costs previously funded		-6,941	
	Program increase - high frequency radios		10,000	
41	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	7,621	7,621	0
42	ARMY COMMUNICATIONS & ELECTRONICS	59,705	59,705	0
43	CI AUTOMATION ARCHITECTURE-INTEL	13,891	13,891	0
45	MULTI-DOMAIN INTELLIGENCE	20,637	20,637	0
46	INFORMATION SYSTEM SECURITY PROGRAM-ISSP	1,019	1,019	0
47	COMMUNICATIONS SECURITY (COMSEC)	125,692	125,692	0

P-1		Budget Request	Committee Recommended	Change from Request
49	INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITORING	1,796	1,796	0
51	BIOMETRIC ENABLING CAPABILITY (BEC)	816	816	0
52	ARCYBER DEFENSIVE CYBER OPERATIONS	18,239	18,239	0
54	BASE SUPPORT COMMUNICATIONS Program increase - land mobile radios	10,262	25,262 15,000	15,000
55	INFORMATION SYSTEMS Ahead of need	116,522	93,999 -22,523	-22,523
56	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	5,036	5,036	0
59	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	214,806	214,806	0
62	TITAN Army requested transfer to RDTE, A line 140 Army requested transfer to line 66 Army identified ahead of need	84,821	0 -50,900 -19,680 -14,241	-84,821
63	JTT/CIBS-M	2,352	2,352	0
64	TERRESTRIAL LAYER SYSTEMS (TLS) Army requested transfer to RDTE, A line 160 Production contract ahead of need	88,915	8,373 -38,000 -42,542	-80,542
66	DCGS-A-INTEL Army requested transfer from line 62	76,771	96,451 19,680	19,680
67	JOINT TACTICAL GROUND STATION (JTAGS)-INTEL	349	349	0
68	TROJAN	20,562	20,562	0
69	MOD OF IN-SVC EQUIP (INTEL SPT) Program increase - Prophet Enhanced EDP kits	30,424	40,424 10,000	10,000
70	BIOMETRIC TACTICAL COLLECTION DEVICES	2,269	2,269	0
73	AIR VIGILANCE (AV)	5,688	5,688	0
74	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST	3,060	3,060	0
76	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES Carryover	19,519	15,019 -4,500	-4,500
77	CI MODERNIZATION	437	437	0

P-1	Budget Request	Committee Recommended	Change from Request
78 SENTINEL MODS	166,736	166,736	0
79 NIGHT VISION DEVICES	424,253	99,229	-325,024
IVAS program reduction		-400,024	
Program increase - ENVG-B		75,000	
80 SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	11,357	11,357	0
82 FAMILY OF WEAPON SIGHTS (FWS)	202,258	195,818	-6,440
FWS-I unit cost increases		-6,440	
83 ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE	5,116	5,116	0
84 FORWARD LOOKING INFRARED (IFLIR)	37,914	37,914	0
85 COUNTER SMALL UNMANNED AERIAL SYSTEM	326,364	346,364	20,000
Program increase - C-SUAS secure communication capability developments		20,000	
86 JOINT BATTLE COMMAND - PLATFORM (JBC-P)	186,515	186,515	0
87 JOINT EFFECTS TARGETING SYSTEM (JETS)	10,304	5,152	-5,152
Program reduction		-5,152	
88 COMPUTER BALLISTICS: LHMCB XM32	3,038	3,038	0
89 MORTAR FIRE CONTROL SYSTEM	4,879	4,879	0
90 MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS	4,370	4,370	0
91 COUNTERFIRE RADARS	162,208	162,208	0
92 ARMY COMMAND POST INTEGRATED	60,455	80,455	20,000
Program increase - JADC2 software support and services		20,000	
93 FIRE SUPPORT C2 FAMILY	9,676	9,676	0
94 AIR & MSL DEFENSE PLANNING & CONTROL SYS	72,619	72,619	0
95 IAMD BATTLE COMMAND SYSTEM	438,967	438,967	0
96 LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,586	4,586	0
97 NETWORK MANAGEMENT INITIALIZATION AND SERVICE	37,199	37,199	0
98 GLOBAL COMBAT SUPPORT SYSTEM-ARMY	4,102	4,102	0
99 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY	6,926	6,926	0
101 MOD OF IN-SVC EQUIPMENT (ENFIRE)	4,076	15,076	11,000
Program increase - land surveying systems		11,000	
102 ARMY TRAINING MODERNIZATION	8,033	8,033	0

P-1	Budget Request	Committee Recommended	Change from Request
103 AUTOMATED DATA PROCESSING EQUIP	96,554	96,554	0
104 ACCESSIONS INFORMATION ENVIRONMENT (AIE) Program behind schedule	43,767	0 -43,767	-43,767
105 GENERAL FUND ENTERPRISE BUSINESS SYSTEMS	97	97	0
106 HIGH PERF COMPUTING MOD PGM (HPCMP)	73,655	73,655	0
107 CONTRACT WRITING SYSTEM Licenses ahead of need	17,701	4,075 -13,626	-13,626
108 CSS COMMUNICATIONS	88,141	88,141	0
111 BCT EMERGING TECHNOLOGIES	12,853	12,853	0
999 CLASSIFIED PROGRAMS	1,596	1,596	0
112 FAMILY OF NON-LETHAL EQUIPMENT (FNLE) Program increase - acoustic hailing device	0	12,000 12,000	12,000
113 BASE DEFENSE SYSTEMS (BDS)	47,960	47,960	0
114 CBRN DEFENSE	56,129	56,129	0
116 TACTICAL BRIDGING	13,785	13,785	0
118 BRIDGE SUPPLEMENTAL SET Carryover	6,774	1,045 -5,729	-5,729
119 COMMON BRIDGE TRANSPORTER (CBT) RECAP	10,379	10,379	0
124 ROBOTICS AND APPLIQUE SYSTEMS	52,340	52,340	0
127 HEATERS AND ECUS	7,672	7,672	0
129 PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	4,691	4,691	0
130 GROUND SOLDIER SYSTEM	124,953	124,953	0
131 MOBILE SOLDIER POWER	15,933	15,933	0
134 CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	42,444	42,444	0
136 ITEMS LESS THAN \$5M (ENG SPT)	4,155	4,155	0
137 QUALITY SURVEILLANCE EQUIPMENT	2,845	2,845	0

P-1	Budget Request	Committee Recommended	Change from Request
138 DISTRIBUTION SYSTEMS, PETROLEUM & WATER	26,433	26,433	0
139 COMBAT SUPPORT MEDICAL Program increase - mobile x-ray units	75,606	78,106 2,500	2,500
140 MOBILE MAINTENANCE EQUIPMENT SYSTEMS	3,936	3,936	0
147 ALL TERRAIN CRANES	31,341	31,341	0
149 FAMILY OF DIVER SUPPORT EQUIPMENT	3,256	3,256	0
150 CONST EQUIP ESP Carryover	9,104	4,169 -4,935	-4,935
151 ARMY WATERCRAFT ESP	47,889	47,889	0
152 MANEUVER SUPPORT VESSEL (MSV)	104,676	104,676	0
153 ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	10,131	10,131	0
154 GENERATORS AND ASSOCIATED EQUIP Program increase - AMMPS	54,400	112,689 58,289	58,289
155 TACTICAL ELECTRIC POWER RECAPITALIZATION	8,293	8,293	0
156 FAMILY OF FORKLIFTS	8,819	8,819	0
157 COMBAT TRAINING CENTERS SUPPORT	48,046	48,046	0
158 TRAINING DEVICES, NONSYSTEM	201,966	201,966	0
159 SYNTHETIC TRAINING ENVIRONMENT (STE)	255,670	255,670	0
160 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	9,546	9,546	0
162 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	36,514	36,514	0
164 TEST EQUIPMENT MODERNIZATION (TEMOD)	32,734	32,734	0
166 PHYSICAL SECURITY SYSTEMS (OPA3)	102,556	102,556	0
167 BASE LEVEL COMMON EQUIPMENT	31,417	31,417	0
168 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) Program increase - RTCH	24,047	34,047 10,000	10,000
169 BUILDING, PRE-FAB, RELOCATABLE	32,151	32,151	0

P-1	Budget Request	Committee Recommended	Change from Request
170 SPECIAL EQUIPMENT FOR TEST AND EVALUATION	84,779	84,779	0
172 INITIAL SPARES - C&E	10,463	10,463	0

HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLES ANTILOCK BRAKE SYSTEM/ELECTRONIC STABILITY CONTROL

The Committee views soldier safety as a top priority. Since 2018, all new High Mobility Multipurpose Wheeled Vehicles (HMMWV) have come equipped with Antilock Brake System/Electronic Stability Control (ABS/ESC) to prevent rollovers. However, legacy HMMWVs require an ABS/ESC retrofit kit to provide enhanced rollover protection. Congress appropriated an additional \$183,000,000 above the request in fiscal year 2022 to purchase and install over 10,000 ABS/ESC retrofit kits on HMMWVs. However, roughly 36,000 HMMWVs remain without this valuable safety protection. The Army’s budget projection shows a plan to purchase less than 3,000 ABS/ESC retrofit kits over the next five years. At that pace, it will take 60 years to update the entire HMMWV fleet. The Committee finds that unacceptable and recommends an additional \$50,500,000 above the request for the purchase and installation of additional ABS/ESC retrofit kits for HMMWVs.

INTEGRATED VISUAL AUGMENTATION SYSTEM

The Integrated Visual Augmentation Systems (IVAS) remains a top priority for the Army. The Program Executive Officer (PEO), Soldier was scheduled to conduct Initial Operational Test and Evaluation (IOT&E) on IVAS in the fourth quarter of fiscal year 2021 to ultimately inform a full rate production decision. However, IOT&E was delayed until 2022 due to a variety of software and hardware concerns. IOT&E is currently ongoing with a briefing on the results expected in late July 2022.

Congress has appropriated over \$1,000,000,000 for IVAS procurement and has yet to receive a production quality system. Further, the fiscal year 2023 request includes an additional \$400,024,000 for procurement of IVAS. With questions still outstanding regarding the production viability of IVAS, the Committee cannot recommend additional procurement funding until after a full review of the results of IOT&E.

The Committee directs the PEO, Soldier to brief the House and Senate Appropriations Committees on the results of IOT&E as soon as practicable.

AIRCRAFT PROCUREMENT, NAVY

Fiscal year 2023 budget request .....	\$16,848,428,000
Committee recommendation .....	16,334,708,000
Change from budget request .....	-513,720,000

The Committee recommends an appropriation of \$16,334,708,000 for Aircraft Procurement, Navy which will provide the following program in fiscal year 2023:



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

P-1	Budget Request	Committee Recommended	Change from Request	
1	F/A-18E/F (FIGHTER) HORNET	90,865	90,865	0
2	JOINT STRIKE FIGHTER CV	1,663,515	1,699,053	35,538
	Support cost excess growth		-38,095	
	Training equipment unjustified request		-4,867	
	Program increase - F135 engine repair facility test modules		13,500	
	Program increase		65,000	
3	JOINT STRIKE FIGHTER CV (AP-CY)	387,596	182,376	-205,220
	Economic order quantity unjustified request		-163,100	
	CFE - airframe long lead excess to need		-42,120	
4	JSF STOVL	1,909,635	1,973,748	64,113
	Non-recurring cost growth		-20,225	
	Fixed JPO support excess growth		-9,162	
	Program increase - F135 engine repair facility test modules		13,500	
	Program increase		80,000	
5	JSF STOVL (AP-CY)	200,118	200,118	0
6	CH-53K (HEAVY LIFT)	1,669,986	1,861,016	191,030
	Airframe excess unit cost growth		-18,894	
	CFE electronics excess growth		-8,207	
	Engineering change orders excess growth		-15,790	
	Pubs/tech data excess growth		-16,079	
	Program increase - two additional aircraft		250,000	
7	CH-53K (HEAVY LIFT) (AP-CY)	357,824	325,559	-32,265
	Unjustified growth		-32,265	
8	V-22 (MEDIUM LIFT)	31,795	31,795	0
11	P-8A POSEIDON	41,521	41,521	0
12	E-2D ADV HAWKEYE	842,401	802,650	-39,751
	Airframe excess unit cost growth		-12,175	
	CFE electronics unit cost growth		-7,924	
	Avionics PGSE excess growth		-19,652	
14	MULTI-ENGINE TRAINING SYSTEM (METS)	123,217	107,801	-15,416
	Support cost excess growth		-15,416	
15	ADVANCED HELICOPTER TRAINING SYSTEM	119,816	119,816	0
16	KC-130J	439,501	430,530	-8,971
	Airframe excess unit cost growth		-8,971	
17	KC-130J (AP-CY)	29,122	29,122	0

P-1		Budget Request	Committee Recommended	Change from Request
19	<b>MQ-4 TRITON</b> Production engineering support unjustified growth	587,820	584,192 -3,628	-3,628
20	<b>MQ-4 TRITON (AP-CY)</b> Early to need	75,235	70,335 -4,900	-4,900
22	<b>STUASL0 UAV</b>	2,703	2,703	0
23	<b>MQ-25</b> Reduction in quantity	696,713	348,356 -348,357	-348,357
24	<b>MQ-25 (AP-CY)</b> Previously funded	51,463	27,729 -23,734	-23,734
25	<b>MARINE GROUP 5 UAS</b> Other ILS excess growth Production engineering excess growth	103,882	98,132 -4,645 -1,105	-5,750
27	<b>F-18 A-D UNIQUE</b>	141,514	141,514	0
28	<b>F-18E/F AND EA-18G MODERNIZATION AND SUSTAINMENT</b> E/F & EA-18G correction of operational discrepancies (OSIP 14-03) installation kits growth E/F & EA-18G correction of operational discrepancies (OSIP 14-03) installation growth E/F & EA-18G correction of operational discrepancies (OSIP 14-03) concurrent installs previously funded	572,681	552,849 -4,092 -4,424 -11,316	-19,832
29	<b>MARINE GROUP 5 UAS SERIES</b> Ground control station reduce quantity	86,116	67,116 -19,000	-19,000
30	<b>AEA SYSTEMS</b>	25,058	25,058	0
31	<b>AV-8 SERIES</b>	26,657	26,657	0
32	<b>INFRARED SEARCH AND TRACK (IRST)</b> Reduction of four units Support equipment excess growth	144,699	96,574 -21,544 -26,581	-48,125
33	<b>ADVERSARY</b>	105,188	105,188	0
34	<b>F-18 SERIES</b> Prior year under execution	480,663	424,589 -56,074	-56,074
35	<b>H-53 SERIES</b>	40,151	40,151	0
36	<b>MH-60 SERIES</b>	126,238	126,238	0
37	<b>H-1 SERIES</b>	122,498	122,498	0

P-1	Budget Request	Committee Recommended	Change from Request
38 EP-3 SERIES	8,492	8,492	0
39 E-2 SERIES	188,897	188,897	0
40 TRAINER A/C SERIES	9,568	9,568	0
42 C-130 SERIES Prior year under execution	132,170	119,695 -12,475	-12,475
43 FEWSG	695	695	0
44 CARGO/TRANSPORT A/C SERIES Previously funded	10,902	8,688 -2,214	-2,214
45 E-6 SERIES	129,049	129,049	0
46 EXECUTIVE HELICOPTERS SERIES	55,265	55,265	0
47 T-45 SERIES 1/T-45TS corrections of deficiencies (OSIP 008-95) non-recurring costs previously funded AF inlet mod kits (OSIP 003-03) cost growth Avionics obsolescence (OSIP 017-04) other support	201,670	193,207 -1,314 -6,149 -1,000	-8,463
48 POWER PLANT CHANGES	24,685	24,685	0
49 JPATS SERIES	19,780	19,780	0
50 AVIATION LIFE SUPPORT MODS	1,143	1,143	0
51 COMMON ECM EQUIPMENT	129,722	129,722	0
52 COMMON AVIONICS CHANGES Secure Communications (OSIP 10-19) installation equipment non-recurring excess growth	136,883	131,883 -5,000	-5,000
53 COMMON DEFENSIVE WEAPON SYSTEM	6,373	6,373	0
54 ID SYSTEMS	3,828	3,828	0
55 P-8 SERIES P-8A Mission Systems RCI (OSIP 006-18) other support excess growth Prior year under execution	249,342	238,916 -3,071 -7,355	-10,426
56 MAGTF EW FOR AVIATION	24,684	24,684	0
57 MQ-8 SERIES	9,846	9,846	0
58 V-22 (TILT/ROTOR ACFT) OSPREY Program increase - V-22 aircraft modification kits	207,621	235,221 27,600	27,600

P-1	Budget Request	Committee Recommended	Change from Request
<b>59 NEXT GENERATION JAMMER (NGJ)</b>	<b>401,563</b>	<b>385,540</b>	<b>-16,023</b>
Support equipment (OSIP 002-19) unjustified growth		-3,792	
Training equipment (OSIP 002-19) unjustified growth		-6,614	
ILS (OSIP 002-19) previously funded		-5,617	
<b>60 F-35 STOVL SERIES</b>	<b>216,356</b>	<b>199,294</b>	<b>-17,062</b>
Prior year under execution		-17,062	
<b>61 F-35 CV SERIES</b>	<b>208,336</b>	<b>204,110</b>	<b>-4,226</b>
Prior year under execution		-4,226	
<b>62 QRC</b>	<b>47,864</b>	<b>47,864</b>	<b>0</b>
<b>63 MQ-4 SERIES</b>	<b>94,738</b>	<b>91,977</b>	<b>-2,761</b>
Prior year under execution		-2,761	
<b>64 RQ-21 SERIES</b>	<b>6,576</b>	<b>6,576</b>	<b>0</b>
<b>68 SPARES AND REPAIR PARTS</b>	<b>1,872,417</b>	<b>1,972,417</b>	<b>100,000</b>
Program increase - F135 engine spares		100,000	
<b>69 COMMON GROUND EQUIPMENT</b>	<b>542,214</b>	<b>519,886</b>	<b>-22,328</b>
ADVTE unjustified growth		-5,235	
H-1 trainer modernization unjustified growth		-17,093	
<b>70 AIRCRAFT INDUSTRIAL FACILITIES</b>	<b>101,559</b>	<b>101,559</b>	<b>0</b>
<b>71 WAR CONSUMABLES</b>	<b>40,316</b>	<b>40,316</b>	<b>0</b>
<b>72 OTHER PRODUCTION CHARGES</b>	<b>46,403</b>	<b>46,403</b>	<b>0</b>
<b>73 SPECIAL SUPPORT EQUIPMENT</b>	<b>423,280</b>	<b>423,280</b>	<b>0</b>

NAVY ADVERSARY AIRCRAFT FOR TRAINING PURPOSES

The Committee is aware of the growing requirement for near-peer representative air-to-air training using aggressor aircraft with capabilities similar to that of advanced adversaries. The Committee supports ongoing efforts to increase capabilities of aircraft assigned to aggressor squadrons, however the Committee remains concerned about the continued use of some legacy aircraft to carry out this mission in the long-term. To maintain strategic Navy Reserve air strike fighter and air aggressor capability, the Committee encourages the Secretary of the Navy to transition deployable F/A-18E/F aircraft considered for divestment, as available, from Active Components to Navy Reserve aviation squadrons.

WEAPONS PROCUREMENT, NAVY

Fiscal year 2023 budget request .....	\$4,738,705,000
Committee recommendation .....	4,594,139,000
Change from budget request .....	- 144,566,000

The Committee recommends an appropriation of \$4,594,139,000 for Weapons Procurement, Navy which will provide the following program in fiscal year 2023:

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

P-1		Budget Request	Committee Recommended	Change from Request
1	<b>TRIDENT II MODS</b>	1,125,164	1,106,399	-18,765
	Guidance production support excess growth		-5,000	
	SPALT assemblies excess growth		-3,400	
	Solid Rocket Motors other support excess growth		-5,200	
	Production support/missile hardware excess growth		-5,165	
2	<b>MISSILE INDUSTRIAL FACILITIES</b>	7,767	7,767	0
3	<b>TOMAHAWK</b>	160,190	206,501	46,311
	Tactical Tomahawk unit cost growth		-4,689	
	Program increase - thirty additional Tomahawks		51,000	
4	<b>AMRAAM</b>	335,900	335,900	0
5	<b>SIDEWINDER</b>	63,288	62,288	-1,000
	Production support costs excess growth		-1,000	
6	<b>STANDARD MISSILE</b>	489,123	410,473	-78,650
	Stabilize production ramp		-78,650	
8	<b>JASSM</b>	58,481	0	-58,481
	Navy requested transfer to line 16		-12,000	
	Navy requested transfer to RDTE line 93		-46,481	
9	<b>SMALL DIAMETER BOMB II</b>	108,317	100,684	-7,633
	AUR excess unit cost growth		-7,633	
10	<b>RAM</b>	92,131	92,131	0
11	<b>JOINT AIR GROUND MISSILE (JAGM)</b>	78,395	78,395	0
12	<b>HELLFIRE</b>	6,603	6,603	0
13	<b>AERIAL TARGETS</b>	183,222	182,134	-1,088
	EM031 BQM-117A excess unit cost growth		-1,088	
14	<b>DRONES AND DECOYS</b>	62,930	50,430	-12,500
	Stabilize production ramp		-12,500	
15	<b>OTHER MISSILE SUPPORT</b>	3,524	3,524	0
16	<b>LRASM</b>	226,022	219,662	-6,360
	AUR excess unit cost growth		-18,360	
	Navy requested transfer from line 8		12,000	
17	<b>NAVAL STRIKE MISSILE (NSM)</b>	59,034	59,034	0
18	<b>TOMAHAWK MODS</b>	435,308	435,308	0
19	<b>ESSM</b>	282,035	282,035	0
20	<b>AARGM</b>	131,275	131,275	0
21	<b>STANDARD MISSILES MODS</b>	71,198	71,198	0

P-1	Budget Request	Committee Recommended	Change from Request
22 WEAPONS INDUSTRIAL FACILITIES	1,976	1,976	0
25 ORDNANCE SUPPORT EQUIPMENT	40,793	40,793	0
26 SSTD	3,789	3,789	0
27 MK-48 TORPEDO Guidance and control section unit cost growth	151,128	123,128 -28,000	-28,000
28 ASW TARGETS	14,403	14,403	0
29 MK-54 TORPEDO MODS MK-54 KITS - MOD 1 unit cost growth	106,772	103,372 -3,400	-3,400
30 MK-48 TORPEDO ADCAP MODS	18,502	18,502	0
31 MARITIME MINES	9,282	9,282	0
32 TORPEDO SUPPORT EQUIPMENT	87,044	87,044	0
33 ASW RANGE SUPPORT	3,965	3,965	0
34 FIRST DESTINATION TRANSPORTATION	5,315	5,315	0
35 SMALL ARMS AND WEAPONS	13,859	13,859	0
36 CIWS MODS	2,655	2,655	0
37 COAST GUARD WEAPONS	34,259	34,259	0
38 GUN MOUNT MODS Program increase - operator ballistic protection for crew-served weapons	81,725	106,725 25,000	25,000
39 LCS MODULE WEAPONS	4,580	4,580	0
40 AIRBORNE MINE NEUTRALIZATION SYSTEMS	8,710	8,710	0
42 SPARES AND REPAIR PARTS	170,041	170,041	0

PROCUREMENT OF AMMUNITION, NAVY AND  
MARINE CORPS

Fiscal year 2023 budget request .....	\$1,052,292,000
Committee recommendation .....	911,982,000
Change from budget request .....	- 140,310,000

The Committee recommends an appropriation of \$911,982,000 for Procurement of Ammunition, Navy and Marine Corps which will provide the following program in fiscal year 2023:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	GENERAL PURPOSE BOMBS	47,198	47,198	0
2	JDAM	76,688	76,688	0
3	AIRBORNE ROCKETS, ALL TYPES	70,005	70,005	0
4	MACHINE GUN AMMUNITION	20,586	20,586	0
5	PRACTICE BOMBS	51,109	47,303	-3,806
	Q1050 BLU-109 inert excess growth		-1,540	
	Prior year under execution		-2,266	
6	CARTRIDGES & CART ACTUATED DEVICES	72,534	71,391	-1,143
	Obsolescence previously funded		-1,143	
7	AIR EXPENDABLE COUNTERMEASURES	114,475	101,048	-13,427
	MJU-61 previously funded		-1,559	
	IR Decoys unjustified growth		-11,868	
8	JATOS	7,096	7,096	0
9	5 INCH/54 GUN AMMUNITION	30,018	20,471	-9,547
	Ammunition hardware excess unit cost growth		-9,547	
10	INTERMEDIATE CALIBER GUN AMMUNITION	40,089	27,870	-12,219
	AL100 ammunition hardware previously funded		-12,219	
11	OTHER SHIP GUN AMMUNITION	42,707	39,595	-3,112
	20MM MK244 ELC cartridge unit cost growth		-3,112	
12	SMALL ARMS & LANDING PARTY AMMO	49,023	44,552	-4,471
	Integrated warfare systems .50 CAL cartridges unjustified growth		-2,433	
	NSW .50 CAL cartridges unjustified growth		-2,038	
13	PYROTECHNIC AND DEMOLITION	9,480	9,480	0
14	AMMUNITION LESS THAN \$5 MILLION	1,622	1,622	0
15	MORTARS	71,214	62,713	-8,501
	Mortar 81MM HE Frag unjustified growth		-8,501	
16	DIRECT SUPPORT MUNITIONS	65,169	62,627	-2,542
	Various munitions unit cost growth		-2,542	
17	INFANTRY WEAPONS AMMUNITION	225,271	143,729	-81,542
	B542 unjustified growth		-9,343	
	A059 hardware unjustified growth		-57,195	
	A151 hardware unjustified growth		-15,004	
18	COMBAT SUPPORT MUNITIONS	19,691	19,691	0
19	AMMO MODERNIZATION	17,327	17,327	0
20	ARTILLERY MUNITIONS	15,514	15,514	0
21	ITEMS LESS THAN \$5 MILLION	5,476	5,476	0

## SHIPBUILDING AND CONVERSION, NAVY

Fiscal year 2023 budget request .....	\$27,917,854,000
Committee recommendation .....	27,780,407,000
Change from budget request .....	- 137,447,000

The Committee recommends an appropriation of \$27,780,407,000 for Shipbuilding and Conversion, Navy which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 COLUMBIA CLASS SUBMARINE	3,079,223	3,079,223	0
2 COLUMBIA CLASS SUBMARINE (AP-CY)	2,778,553	2,778,553	0
3 CARRIER REPLACEMENT PROGRAM (CVN 80) Change orders growth	1,481,530	1,463,905 -17,625	-17,625
4 CARRIER REPLACEMENT PROGRAM (CVN-81)	1,052,024	1,052,024	0
5 VIRGINIA CLASS SUBMARINE	4,534,184	4,534,184	0
6 VIRGINIA CLASS SUBMARINE (AP-CY)	2,025,651	2,025,651	0
8 CVN REFUELING OVERHAULS (AP-CY) Excess growth	618,295	573,422 -44,873	-44,873
9 DDG 1000	72,976	72,976	0
10 DDG-51	4,376,537	4,376,537	0
11 DDG-51 (AP-CY)	618,352	618,352	0
13 FFG-FRIGATE	1,085,224	1,085,224	0
14 FFG-FRIGATE (AP-CY) Advance procurement unjustified request	74,949	0 -74,949	-74,949
15 LPD FLIGHT II	1,673,000	1,673,000	0
20 LHA REPLACEMENT	1,085,470	1,085,470	0
22 TAO FLEET OILER	794,719	794,719	0
24 TOWING, SALVAGE, AND RESCUE SHIP (ATS)	95,915	95,915	0
27 OUTFITTING	707,412	707,412	0
28 SHIP TO SHORE CONNECTOR	190,433	190,433	0
29 SERVICE CRAFT	68,274	68,274	0
30 LCAC SLEP	36,301	36,301	0
31 AUXILIARY VESSELS (USED SEALIFT)	140,686	140,686	0
32 COMPLETION OF PY SHIPBUILDING PROGRAMS	1,328,146	1,328,146	0

## OTHER PROCUREMENT, NAVY

Fiscal year 2023 budget request .....	\$11,746,503,000
Committee recommendation .....	11,285,187,000
Change from budget request .....	-461,316,000

The Committee recommends an appropriation of \$11,285,187,000 for Other Procurement, Navy which will provide the following program in fiscal year 2023:

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

P-1		Budget Request	Committee Recommended	Change from Request
1	<b>SURFACE POWER EQUIPMENT</b>	46,478	46,478	0
2	<b>SURFACE COMBATANT HM&amp;E</b>	84,615	74,585	-10,030
	HM&E condition system unjustified growth		-10,030	
3	<b>OTHER NAVIGATION EQUIPMENT</b>	98,079	87,800	-10,279
	Amphib production engineering unjustified request		-4,580	
	AN/WSN-12 kit unjustified growth		-2,500	
	Navigation critical distribution system installation unjustified request		-3,199	
4	<b>SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG</b>	266,300	261,011	-5,289
	PL015 periscope interim contractor support unjustified request		-5,289	
5	<b>DDG MOD</b>	770,341	743,478	-26,863
	Land based engineering sites unjustified growth		-1,317	
	GEDMS installation excess growth		-2,700	
	MCS/DCS support excess growth		-2,102	
	AWS upgrade installation excess growth		-14,239	
	Multi-mission SIGPRO equipment installation excess growth		-2,223	
	IVCS equipment installation excess growth		-4,282	
6	<b>FIREFIGHTING EQUIPMENT</b>	19,687	18,552	-1,135
	Magazine sprinkling improvement kits excess growth		-1,135	
7	<b>COMMAND AND CONTROL SWITCHBOARD</b>	2,406	2,406	0
8	<b>LHA/LHD MIDLIFE</b>	38,200	38,200	0
9	<b>LCC 19/20 EXTENDED SERVICE LIFE PROGRAM</b>	20,028	20,028	0
10	<b>POLLUTION CONTROL EQUIPMENT</b>	17,682	11,607	-6,075
	OPA improvements installation excess growth		-6,075	
11	<b>SUBMARINE SUPPORT EQUIPMENT</b>	117,799	116,575	-1,224
	VA class machinery control system modernization previously funded		-1,224	
12	<b>VIRGINIA CLASS SUPPORT EQUIPMENT</b>	32,300	32,300	0
13	<b>LCS CLASS SUPPORT EQUIPMENT</b>	15,238	20,238	5,000
	Program increase - water purification technology		5,000	
14	<b>SUBMARINE BATTERIES</b>	24,137	24,137	0
15	<b>LPD CLASS SUPPORT EQUIPMENT</b>	54,496	53,350	-1,146
	HW/SW obsolescence kits excess growth		-1,146	
16	<b>DDG 1000 CLASS SUPPORT EQUIPMENT</b>	314,333	278,647	-35,686
	TSCE modernization lab equipment unjustified growth		-2,630	
	TSCE modernization procurement insufficient justification		-27,800	
	Electro-optical infrared (EO/IR) sensor insufficient justification		-5,256	
17	<b>STRATEGIC PLATFORM SUPPORT EQUIP</b>	13,504	13,504	0
18	<b>DSSP EQUIPMENT</b>	3,660	3,660	0

P-1	Budget Request	Committee Recommended	Change from Request
19 CG MODERNIZATION	59,054	59,054	0
20 LCAC	17,452	17,452	0
21 UNDERWATER EOD EQUIPMENT	35,417	35,417	0
22 ITEMS LESS THAN \$5 MILLION	60,812	60,812	0
23 CHEMICAL WARFARE DETECTORS	3,202	3,202	0
24 SUBMARINE LIFE SUPPORT SYSTEM	0	0	0
25 SHIP MAINTENANCE, REPAIR, AND MODERNIZATION Early to need	1,242,532	1,064,848 -177,684	-177,684
26 REACTOR POWER UNITS	4,690	4,690	0
27 REACTOR COMPONENTS	408,989	408,989	0
28 DIVING AND SALVAGE EQUIPMENT	11,773	11,773	0
29 STANDARD BOATS	57,262	57,262	0
30 OPERATING FORCES IPE	174,743	174,743	0
31 LCS COMMON MISSION MODULES EQUIPMENT Mission module display modernization unit cost growth	57,313	54,883 -2,430	-2,430
32 LCS MCM MISSION MODULES Minesweeping payload delivery system previously funded	94,987	90,295 -4,692	-4,692
33 LCS ASW MISSION MODULES	3,594	3,594	0
34 LCS SUW MISSION MODULES	5,100	5,100	0
35 LCS IN-SERVICE MODERNIZATION Program increase - condition-based maintenance for combat and communication systems	76,526	88,526 12,000	12,000
36 SMALL & MEDIUM UUV	49,763	49,763	0
37 SPQ-9B RADAR	12,063	12,063	0
38 AN/SQQ-89 SURF ASW COMBAT SYSTEM AN/SQQ-89A(V)15 installation excess growth	141,591	140,157 -1,434	-1,434
39 SSN ACOUSTIC EQUIPMENT SA202 production/engineering excess growth Virginia class technical insertion kits installation excess to need	446,653	438,684 -5,505 -2,464	-7,969
40 UNDERSEA WARFARE SUPPORT EQUIPMENT	17,424	17,424	0
41 SUBMARINE ACOUSTIC WARFARE SYSTEM	31,708	31,708	0
42 SSTD	14,325	14,325	0
43 FIXED SURVEILLANCE SYSTEM	266,228	266,228	0

P-1	Budget Request	Committee Recommended	Change from Request
44 SURTASS	25,030	25,030	0
45 AN/SLQ-32 Block 3 EA system excess ECPs	292,417	288,142 -4,275	-4,275
46 SHIPBOARD IW EXPLOIT	311,210	311,210	0
47 AUTOMATED IDENTIFICATION SYSTEM (AIS)	2,487	2,487	0
48 COOPERATIVE ENGAGEMENT CAPABILITY	34,500	34,500	0
49 NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	19,038	19,038	0
50 ATDLS	73,675	73,675	0
51 NAVY COMMAND AND CONTROL SYSTEM (NCCS)	3,435	3,435	0
52 MINESWEEPING SYSTEM REPLACEMENT	16,336	16,336	0
53 SHALLOW WATER MCM	0	0	0
54 NAVSTAR GPS RECEIVERS (SPACE)	30,439	30,439	0
55 AMERICAN FORCES RADIO AND TV SERVICE	2,724	2,724	0
56 STRATEGIC PLATFORM SUPPORT EQUIP	6,266	6,266	0
57 ASHORE ATC EQUIPMENT	89,396	89,396	0
58 AFLOAT ATC EQUIPMENT AN/SPN-50 unit cost growth AN/SPN-50 excess support costs AN/SPN-46 block IV excess growth	86,732	79,591 -3,359 -1,013 -2,769	-7,141
59 ID SYSTEMS	59,226	59,226	0
60 JOINT PRECISION APPROACH AND LANDING SYSTEM (JPALS)	8,186	8,186	0
61 NAVAL MISSION PLANNING SYSTEMS Next generation naval mission planning system unjustified growth	26,778	25,092 -1,686	-1,686
62 MARITIME INTEGRATED BROADCAST SYSTEM	3,520	3,520	0
63 TACTICAL/MOBILE C4I SYSTEMS Tech refresh 2.1.2 systems excess growth Tech refresh 2.1.2 systems installation unjustified growth	31,840	27,434 -2,202 -2,204	-4,406
64 DCGS-N	15,606	15,606	0
65 CANES	402,550	402,550	0
66 RADIAC	9,062	9,062	0
67 CANES-INTELL	48,665	48,665	0
68 GPETE	23,479	23,479	0

P-1	Budget Request	Committee Recommended	Change from Request
69 MASF	11,792	11,792	0
70 INTEG COMBAT SYSTEM TEST FACILITY	6,053	6,053	0
71 EMI CONTROL INSTRUMENTATION	4,219	4,219	0
72 ITEMS LESS THAN \$5 MILLION	102,846	88,951	-13,895
Historical underexecution		-17,250	
AMDR O&S backend equipment sustainment unjustified growth		-1,645	
Program increase - modernized personnel transfer		5,000	
73 SHIPBOARD TACTICAL COMMUNICATIONS	36,941	36,941	0
74 SHIP COMMUNICATIONS AUTOMATION	101,691	101,691	0
75 COMMUNICATIONS ITEMS UNDER \$5M	55,290	54,140	-1,150
BFTN design services agency previously funded		-1,150	
76 SUBMARINE BROADCAST SUPPORT	91,150	91,150	0
77 SUBMARINE COMMUNICATION EQUIPMENT	74,569	74,569	0
78 SATELLITE COMMUNICATIONS SYSTEMS	39,827	39,827	0
79 NAVY MULTIBAND TERMINAL (NMT)	24,586	24,586	0
80 JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,699	2,651	-2,048
Unjustified growth		-2,048	
81 INFO SYSTEMS SECURITY PROGRAM (ISSP)	156,034	156,034	0
82 MIO INTEL EXPLOITATION TEAM	1,055	1,055	0
83 CRYPTOLOGIC COMMUNICATIONS EQUIP	18,832	18,832	0
92 COAST GUARD EQUIPMENT	68,556	63,347	-5,209
Historical underexecution		-5,209	
94 SONOBUOYS - ALL TYPES	291,670	303,520	11,850
Program increase - additional sonobuoys		11,850	
95 MINOTAUR	5,247	5,247	0
96 WEAPONS RANGE SUPPORT EQUIPMENT	106,209	95,657	-10,552
Tactical combat training system previously funded		-1,554	
Ocean systems unjustified growth		-8,998	
97 AIRCRAFT SUPPORT EQUIPMENT	275,461	227,987	-47,474
Air launch & recovery equipment support growth		-3,417	
Natural disaster recovery support equipment unjustified growth		-44,057	
98 ADVANCED ARRESTING GEAR (AAG)	22,717	22,717	0
99 ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM (EMALS)	18,594	18,594	0
100 METEOROLOGICAL EQUIPMENT	15,175	15,175	0



P-1	Budget Request	Committee Recommended	Change from Request
101 LEGACY AIRBORNE MCM	4,689	4,689	0
102 LAMPS EQUIPMENT	1,610	1,610	0
103 AVIATION SUPPORT EQUIPMENT ASIP-SY126 unjustified growth	86,409	82,118 -4,291	-4,291
104 UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CNTRL Ship change document previously funded	136,647	131,239 -5,408	-5,408
105 SHIP GUN SYSTEMS EQUIPMENT	5,902	5,902	0
106 HARPOON SUPPORT EQUIPMENT	217	217	0
107 SHIP MISSILE SUPPORT EQUIPMENT I-Stalker various contract award delays SSDS production support unjustified growth MK57 UCEU hardware procurement unit cost growth OTH WS installation unjustified growth Program increase - SPY-1 low noise amplifier refurbishment and upgrade	286,788	277,828 -2,177 -6,867 -2,188 -3,128 5,400	-8,960
108 TOMAHAWK SUPPORT EQUIPMENT TTWCS product improvement cost growth	95,856	92,270 -3,586	-3,586
109 STRATEGIC MISSILE SYSTEMS EQUIP	279,430	279,430	0
110 SSN COMBAT CONTROL SYSTEMS	128,874	128,874	0
111 ASW SUPPORT EQUIPMENT	26,920	26,920	0
112 EXPLOSIVE ORDNANCE DISPOSAL EQUIP VN870 tech insertion and refresh unjustified growth	17,048	14,336 -2,712	-2,712
113 ITEMS LESS THAN \$5 MILLION	5,938	5,938	0
114 ANTI-SHIP MISSILE DECOY SYSTEM	86,264	86,264	0
115 SUBMARINE TRAINING DEVICE MODS	80,591	80,591	0
116 SURFACE TRAINING EQUIPMENT STAVE-LCS integrated tactics trainer modernization unjustified growth SSC life cycle training system unjustified request Program increase - surface training advanced virtual environment	198,695	169,945 -19,117 -14,633 5,000	-28,750
117 PASSENGER CARRYING VEHICLES	4,799	4,799	0
118 GENERAL PURPOSE TRUCKS	2,542	2,542	0
119 CONSTRUCTION & MAINTENANCE EQUIP Earthmoving equipment previously funded Program increase - GPS laser leveling systems for Seabees	50,619	50,001 -5,218 4,600	-618
120 FIRE FIGHTING EQUIPMENT	16,305	16,305	0
121 TACTICAL VEHICLES JLTV unit cost growth	28,586	26,276 -2,310	-2,310

P-1	Budget Request	Committee Recommended	Change from Request
122 POLLUTION CONTROL EQUIPMENT	2,840	2,840	0
123 ITEMS LESS THAN \$5 MILLION	64,311	55,200	-9,111
Stake/flat bed unit cost growth		-1,932	
Special purpose vehicles previously funded		-2,675	
2500 KVA, 5KV/15KV unit cost growth		-2,076	
5000 AMP, 480 V load distribution switchgear unit cost growth		-2,428	
124 PHYSICAL SECURITY VEHICLES	1,263	1,263	0
125 SUPPLY EQUIPMENT	32,338	32,338	0
126 FIRST DESTINATION TRANSPORTATION	6,255	6,255	0
127 SPECIAL PURPOSE SUPPLY SYSTEMS	613,039	613,039	0
128 TRAINING SUPPORT EQUIPMENT	1,285	1,285	0
129 TRAINING AND EDUCATION EQUIPMENT	44,618	44,618	0
130 COMMAND SUPPORT EQUIPMENT	55,728	38,774	-16,954
Historical unobligated balances		-3,637	
MOC baseline equipment unjustified growth		-13,317	
131 MEDICAL SUPPORT EQUIPMENT	5,325	25,325	20,000
Program increase - fleet hospital program		10,000	
Program increase - expeditionary medical facilities		10,000	
133 NAVAL MIP SUPPORT EQUIPMENT	6,077	6,077	0
134 OPERATING FORCES SUPPORT EQUIPMENT	16,252	13,784	-2,468
Mobile aircraft training devices previously funded		-205	
Utility float previously funded		-725	
3 tier/4 tier plus - paint float previously funded		-303	
Hydro pneumatic sub fender previously funded		-1,235	
135 C4ISR EQUIPMENT	6,497	6,497	0
136 ENVIRONMENTAL SUPPORT EQUIPMENT	36,592	36,592	0
137 PHYSICAL SECURITY EQUIPMENT	118,598	107,372	-11,226
Historical unobligated balances		-5,770	
Physical security access control installation perimeter access control previously funded		-4,586	
Physical security access control enclaves electronic security systems previously funded		-870	
138 ENTERPRISE INFORMATION TECHNOLOGY	29,407	29,407	0
142 NEXT GENERATION ENTERPRISE SERVICE	201,314	177,314	-24,000
NGEN transformation unjustified growth		-24,000	
143 CYBERSPACE ACTIVITIES	5,018	5,018	0
144 CYBER MISSION FORCES	17,115	17,115	0
999 CLASSIFIED PROGRAMS	17,295	17,295	0
145 SPARES AND REPAIR PARTS	532,313	532,313	0

PROCUREMENT, MARINE CORPS

Fiscal year 2023 budget request .....	\$3,681,506,000
Committee recommendation .....	3,414,365,000
Change from budget request .....	-267,141,000

The Committee recommends an appropriation of \$3,414,365,000 for Procurement, Marine Corps which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request	
1	AAV7A1 PIP	5,653	5,653	0
2	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	536,678	502,021	-34,657
	ACV-P unit cost growth		-4,959	
	GFE – communication suites previously funded		-7,957	
	GFE – remote weapons station previously funded		-8,086	
	Engineering change orders previously funded		-4,056	
	ILS excess growth		-9,599	
3	LAV PIP	57,099	55,739	-1,360
	M&S tactical communication modernization kits previously funded		-1,360	
4	155MM LIGHTWEIGHT TOWED HOWITZER	1,782	1,782	0
5	ARTILLERY WEAPONS SYSTEM	143,808	143,808	0
6	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	11,118	11,118	0
7	TOMAHAWK	42,958	42,958	0
8	NAVAL STRIKE MISSILE (NSM)	174,369	174,369	0
9	GROUND BASED AIR DEFENSE	173,801	166,053	-7,748
	Prior year under execution		-7,748	
10	ANTI-ARMOR MISSILE-JAVELIN	18,495	17,205	-1,290
	Guided missile unit cost growth		-1,290	
11	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS)	21,419	21,419	0
12	ANTI-ARMOR MISSILE-TOW	663	663	0
13	GUIDED MLRS ROCKET (GMLRS)	7,605	7,605	0
14	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)	30,292	30,292	0
15	REPAIR AND TEST EQUIPMENT	58,024	45,777	-12,247
	CBM+ test systems unjustified request		-6,680	
	Automatic test equipment unjustified growth		-5,567	
16	MODIFICATION KITS	293	293	0
17	ITEMS UNDER \$5 MILLION (COMM & ELEC)	83,345	83,345	0
18	AIR OPERATIONS C2 SYSTEMS	11,048	11,048	0
19	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	61,943	61,943	0
20	GCSS-MC	1,663	1,663	0

P-1		Budget Request	Committee Recommended	Change from Request
21	<b>FIRE SUPPORT SYSTEM</b>	48,322	48,322	0
22	<b>INTELLIGENCE SUPPORT EQUIPMENT</b>	182,894	167,894	-15,000
	Prior year under execution		-15,000	
24	<b>UNMANNED AIR SYSTEMS (INTEL)</b>	47,595	39,219	-8,376
	Medium range/ medium endurance unit cost growth		-4,139	
	Short range/ short endurance unit cost growth		-4,237	
25	<b>DCGS-MC</b>	47,998	40,598	-7,400
	Prior year under execution		-7,400	
26	<b>UAS PAYLOADS</b>	8,619	8,619	0
29	<b>MARINE CORPS ENTERPRISE NETWORK (MCEN)</b>	276,763	248,745	-28,018
	End user devices excess growth		-28,018	
30	<b>COMMON COMPUTER RESOURCES</b>	40,096	32,096	-8,000
	Audio video equipment unjustified request		-8,000	
31	<b>COMMAND POST SYSTEMS</b>	58,314	58,314	0
32	<b>RADIO SYSTEMS</b>	612,450	526,866	-85,584
	MCWS-L unit cost growth		-5,000	
	MCWS-H unit cost growth		-4,800	
	SERPNT unjustified request		-15,479	
	HFR II VRC AN/VRC-104C unit cost growth		-6,940	
	HFR II MRC AN/MRC-148A unit cost growth		-4,260	
	HFR II TRC AN/TRC-209D unit cost growth		-7,650	
	MCMP VRC unjustified request		-12,857	
	MCHH VIK unit cost growth		-16,613	
	TWTS LRS FoS TEAMS II contract award delay		-11,985	
33	<b>COMM SWITCHING &amp; CONTROL SYSTEMS</b>	51,976	39,326	-12,650
	Operational command post unjustified request		-12,650	
34	<b>COMM &amp; ELEC INFRASTRUCTURE SUPPORT</b>	26,029	26,029	0
35	<b>CYBERSPACE ACTIVITIES</b>	17,759	17,759	0
36	<b>CYBER MISSION FORCES</b>	4,036	4,036	0
	<b>CLASSIFIED PROGRAMS</b>	3,884	3,884	0
39	<b>COMMERCIAL CARGO VEHICLES</b>	35,179	27,269	-7,910
	Garrison transportation and management unjustified growth		-7,910	
40	<b>MOTOR TRANSPORT MODIFICATIONS</b>	17,807	17,807	0
41	<b>JOINT LIGHT TACTICAL VEHICLE</b>	222,257	222,257	0
43	<b>TRAILERS</b>	2,721	2,721	0
45	<b>TACTICAL FUEL SYSTEMS</b>	7,854	7,854	0

P-1	Budget Request	Committee Recommended	Change from Request
46 POWER EQUIPMENT ASSORTED	5,841	5,841	0
47 AMPHIBIOUS SUPPORT EQUIPMENT	38,120	38,120	0
48 EOD SYSTEMS	201,047	182,247	-18,800
Prior year under execution		-18,800	
49 PHYSICAL SECURITY EQUIPMENT	69,967	65,967	-4,000
Prior year under execution		-4,000	
50 FIELD MEDICAL EQUIPMENT	21,780	21,780	0
51 TRAINING DEVICES	86,272	72,171	-14,101
RTAM Multiple Instrum, CTE, Targetry and BES TNG			
SYS and Range Re-Cap previously funded		-2,603	
RTAM Multiple Instrum, CTE, Targetry and BES TNG			
SYS and Range Re-Cap excess growth		-11,498	
52 FAMILY OF CONSTRUCTION EQUIPMENT	27,605	27,605	0
53 ULTRA-LIGHT TACTICAL VEHICLE (ULTV)	15,033	15,033	0
54 ITEMS LESS THAN \$5 MILLION	26,433	26,433	0
55 SPARES AND REPAIR PARTS	34,799	34,799	0

AIRCRAFT PROCUREMENT, AIR FORCE

Fiscal year 2023 budget request .....	\$18,517,428,000
Committee recommendation .....	18,114,396,000
Change from budget request .....	-403,032,000

The Committee recommends an appropriation of \$18,114,396,000 for Aircraft Procurement, Air Force which will provide the following program in fiscal year 2023:

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

P-1		Budget Request	Committee Recommended	Change from Request
1	<b>B-21 RAIDER</b> Classified adjustment	1,498,431	1,488,431 -10,000	-10,000
2	<b>B-21 RAIDER (AP-CY)</b>	288,165	288,165	0
3	<b>F-35</b> Program increase Program increase - F135 engine repair facility test modules	3,320,757	3,482,757 135,000 27,000	162,000
4	<b>F-35 (AP-CY)</b> EOQ unjustified request Long lead excess to need	594,886	207,702 -243,184 -144,000	-387,184
5	<b>F-15EX</b> Excessive use of undefinitized contractual actions (UCA)	2,422,348	1,880,908 -541,440	-541,440
6	<b>F-15EX (AP-CY)</b>	264,000	264,000	
7	<b>KC-46A MDAP</b> Adjust unit cost to not-to-exceed amount	2,684,503	2,674,753 -9,750	-9,750
8	<b>C-130J</b>	75,293	75,293	0
9	<b>MC-130J</b>	40,351	40,351	0
11	<b>ADVANCED TRAINER REPLACEMENT T-X</b>	10,507	10,507	0
12	<b>MH-139A</b> First lot advance funded in fiscal year 2022	156,192	97,801 -58,391	-58,391
13	<b>COMBAT RESCUE HELICOPTER</b> Site activation excess to need Unit cost excess to need	707,018	694,018 -4,100 -8,900	-13,000
15	<b>CIVIL AIR PATROL</b> Program increase	2,952	11,600 8,648	8,648
16	<b>TARGET DRONES</b> Excess to need	128,906	113,706 -15,200	-15,200
17	<b>COMPASS CALL</b> Program increase	0	138,500 138,500	138,500
18	<b>E-11 BACN/HAG</b>	67,260	67,260	0
19	<b>MQ-9</b> Other government costs excess growth	17,039	16,039 -1,000	-1,000
21	<b>AGILITY PRIME PROCUREMENT</b> Lack of clear acquisition or fielding strategy	3,612	0 -3,612	-3,612



P-1		Budget Request	Committee Recommended	Change from Request
22	<b>B-2A</b> ACS kits ahead of need	106,752	91,771 -14,981	-14,981
23	<b>B-1B</b> Radio crypto ahead of need	36,313	28,594 -7,719	-7,719
24	<b>B-52</b> VLF/LF delays CONNECT forward financed	127,854	113,729 -1,825 -12,300	-14,125
25	<b>LARGE AIRCRAFT INFRARED COUNTER MEASURES</b>	25,286	25,286	0
26	<b>A-10</b>	83,972	83,972	0
27	<b>E-11 BACN/HAG</b>	10,309	10,309	0
28	<b>F-15</b>	194,379	194,379	0
29	<b>F-16</b> Overestimation of SLEP induction rate SMDS unclear acquisition plan Program increase - HUD upgrade Program increase - AESA radars only for Air National Guard	700,455	770,965 -14,500 -7,990 40,000 53,000	70,510
30	<b>F-22A</b> Sensor enhancements program decrease SE group B installs	764,222	747,933 -7,400 -8,889	-16,289
31	<b>F-35 MODIFICATIONS</b>	414,382	414,382	0
32	<b>F-15 EPAW</b>	259,837	259,837	0
34	<b>KC-46A MDAP</b>	467	467	0
35	<b>C-5</b> Air Force requested transfer to line 64 to correct programming error for DMO and MAF training Air Force requested transfer to line 73A to correct programming error for fuselage trainer	46,027	15,673 -12,354 -18,000	-30,354
36	<b>C-17A</b> Air Force requested transfer from RDTE,AF line 53 for C-17 engine pylon fairings Air Force requested transfer from RDTE,AF line 53 for C-17 microvanes	152,009	157,509 2,500 3,000	5,500
37	<b>C-32</b>	4,068	4,068	0
38	<b>C-37A</b>	6,062	6,062	0
39	<b>GLIDER MODS</b>	149	149	0
40	<b>T-6</b>	6,215	6,215	0

P-1		Budget Request	Committee Recommended	Change from Request
41	T-1	6,262	6,262	0
42	T-38	111,668	111,668	0
44	U-2	81,650	72,850	-8,800
	Avionics tech refresh delays		-8,800	
45	KC-10	3,443	2,043	-1,400
	Unjustified growth		-1,400	
46	C-21	2,024	2,024	0
47	VC-25A MOD	2,146	2,146	0
48	C-40	2,197	2,197	0
49	C-130	114,268	242,268	128,000
	AMP 2 install funding ahead of need		-5,600	
	Low cost mods reduction for historical execution		-800	
	Air Force requested transfer from RDTE,AF line 53 for C-130 finlets		17,500	
	Program increase - eight blade propeller upgrade		60,700	
	Program increase - engine enhancement program		41,200	
	Program increase - modular airborne fire fighting system		15,000	
50	C-130J MODS	112,299	112,299	0
51	C-135	149,023	136,123	-12,900
	COMM 2 crypto and data ahead of need		-16,875	
	MUOS ahead of need		-15,525	
	Air Force-requested transfer from RDTE,AF line 53 for KC-135 aft body drag reduction		11,500	
	Air Force-requested transfer from RDTE,AF line 53 for KC-135 vertical windshield wipers		8,000	
52	COMPASS CALL MODS	16,630	90,130	73,500
	Program increase		73,500	
53	RC-135	212,828	212,828	0
54	E-3	54,247	29,187	-25,060
	ACIP ahead of need		-25,060	
55	E-4	5,973	5,973	0
56	E-8	16,610	0	-16,610
	Unjustified request		-16,610	
59	H-1	1,757	1,757	0
60	H-60	10,820	10,820	0
61	COMBAT RESCUE HELICOPTER MODIFICATION	3,083	3,083	0

P-1	Budget Request	Committee Recommended	Change from Request
62 RQ-4 MODS	1,286	1,286	0
63 HC/MC-130 MODS	138,956	108,318	-30,638
HC-Communications Modernization Ph 1 ahead of need		-10,000	
AC/MC-Communications Modernization Ph 1 ahead of need		-20,638	
64 OTHER AIRCRAFT	29,029	41,383	12,354
Transfer from line 35 to correct programming error for DMO and MAF training		12,354	
65 MQ-9 MODS	64,370	164,370	100,000
Program increase - M2DO modification acceleration		100,000	
67 SLC3S-A	24,784	24,784	0
68 CV-22 MODS	153,026	153,026	0
69 INITIAL SPARES/REPAIR PARTS	623,661	722,070	98,409
MQ-9 carryover		-700	
B-1B radio crypto ahead of need		-891	
Program increase - F135 spares		100,000	
70 AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	138,935	138,935	0
71 B-2A	1,802	1,802	0
72 B-2B	36,325	36,325	0
73 B-52	5,883	5,883	0
73A C-5 (BA07)	0	18,000	18,000
Transfer from line 35 to correct programming error for fuselage trainer		18,000	
74 F-15	2,764	2,764	0
75 F-16	5,102	5,102	0
77 MQ9 POST PROD	7,069	7,069	0
78 RQ-4 POST PRODUCTION CHARGES	40,845	40,845	0
79 INDUSTRIAL RESPONSIVENESS	19,128	19,128	0
80 WAR CONSUMABLES	31,165	31,165	0
81 OTHER PRODUCTION CHARGES	1,047,300	1,047,300	0
999 CLASSIFIED PROGRAMS	18,092	18,092	0

F-15EX

The Committee’s recommendation includes \$1,880,908,000 for the procurement of 18 F-15EX aircraft, a decrease of \$541,440,000 and six aircraft below the request and an increase of six aircraft above the fiscal year 2022 level. The Committee continues to support the F-15EX effort as the best means to recapitalize the deteriorating F-15C/D fleet while providing significant and relevant capability with its large weapons capacity and an upgraded electronic warfare system. However, the Committee notes that since the initial appropriation for F-15EX in fiscal year 2020, the Air Force continually has awarded funds using undefinitized contractual actions (UCAs) and that these UCAs have been subject to prolonged delays to their definitization as required by defense acquisition regulations. As of the submission of the President’s budget request, all previous funds provided for F-15EX procurement are on outstanding UCAs. The Air Force has informed the Committee that it intends to place fiscal year 2022 funds for F-15EX on yet another UCA, with the goal of definitizing the contract in calendar mid-2023.

The Committee finds this unacceptable. As the Committee noted in House Report 111-230, UCAs “are to be used as the exception not as the rule”. On the F-15EX program they have become the rule. The repeated use of UCAs and the delays to their definitization hinder congressional oversight by depriving the Committee of insight into accurate pricing and other contractual matters, as well as distorting program financial execution data. In addition to the reduction for fiscal year 2023, the Committee’s recommendation includes a provision in this account that prohibits the Air Force from awarding the fiscal year 2023 aircraft through a UCA. At the same time, the Committee notes that the fiscal year 2023 request proposes to accelerate F-15EX procurement toward a truncated program of just 80 aircraft, versus the up to 144 aircraft envisioned by the Air Force at the program’s outset, ending procurement with another 24 aircraft to be requested in fiscal year 2024. The reduction in the program leaves in doubt the status and future of F-15C/D units, several of which are housed in the Air National Guard. The Air Force has yet to provide the Committee with the specific impacts this reduction will have to the Air Force’s strategic basing laydown. The Committee directs the Secretary of the Air Force to provide a report on these impacts to the congressional defense committees not later than 30 days after the submission of the fiscal year 2024 President’s budget request.

MISSILE PROCUREMENT, AIR FORCE

Fiscal year 2023 budget request .....	\$2,962,417,000
Committee recommendation .....	2,866,722,000
Change from budget request .....	-95,695,000

The Committee recommends an appropriation of \$2,866,722,000 for Missile Procurement, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
<b>MISSILE REPLACEMENT EQUIPMENT-BALLISTIC</b>			
<b>1 (M30GLG)</b>	<b>57,476</b>	<b>40,076</b>	<b>-17,400</b>
Payload Transporter Replacement delays		-15,400	
PADS CEIU delays		-2,000	
<b>4 LONG RANGE STAND-OFF WEAPON</b>	<b>31,454</b>	<b>31,454</b>	<b>0</b>
<b>5 REPLACEMENT EQUIPMENT &amp; WAR CONSUMABLES</b>	<b>30,510</b>	<b>30,510</b>	<b>0</b>
<b>6 AGM-183A AIR-LAUNCHED RAPID RESPONSE WEAPON</b>	<b>46,566</b>	<b>0</b>	<b>-46,566</b>
Excess to need		-46,566	
<b>7 JASSM</b>	<b>784,971</b>	<b>773,711</b>	<b>-11,260</b>
Adjust 158-B2 quantity		-11,260	
<b>8 LRASMO</b>	<b>114,025</b>	<b>114,025</b>	<b>0</b>
<b>9 SIDEWINDER (AIM-9X)</b>	<b>111,855</b>	<b>111,855</b>	<b>0</b>
<b>10 AMRAAM</b>	<b>320,056</b>	<b>320,056</b>	<b>0</b>
<b>11 HELLFIRE</b>	<b>1,040</b>	<b>1,040</b>	<b>0</b>
<b>12 SMALL DIAMETER BOMB</b>	<b>46,475</b>	<b>46,475</b>	<b>0</b>
<b>13 SMALL DIAMETER BOMB II</b>	<b>279,006</b>	<b>279,006</b>	<b>0</b>
<b>14 STAND-IN ATTACK WEAPON (SIAW)</b>	<b>77,975</b>	<b>77,975</b>	<b>0</b>
<b>15 INDUSTRIAL PREPAREDNESS</b>	<b>868</b>	<b>868</b>	<b>0</b>
<b>18 ICBM FUZE MOD</b>	<b>99,691</b>	<b>85,691</b>	<b>-14,000</b>
Excessive cost growth		-14,000	
<b>19 ICBM FUZE MOD (AP-CY)</b>	<b>37,673</b>	<b>37,673</b>	<b>0</b>
<b>20 MINUTEMAN III MODIFICATIONS</b>	<b>68,193</b>	<b>61,724</b>	<b>-6,469</b>
Remote Visual Assessment Phase II program delays		-2,000	
Arm/Disarm Switch Replacement program delays		-4,469	
<b>22 ALCM</b>	<b>33,778</b>	<b>33,778</b>	<b>0</b>
<b>23 MISSILE SPARES / REPAIR PARTS (INITIAL)</b>	<b>15,354</b>	<b>15,354</b>	<b>0</b>
<b>24 MISSILE SPARES / REPAIR PARTS (REPLEN)</b>	<b>62,978</b>	<b>62,978</b>	<b>0</b>
<b>28 SPECIAL UPDATE PROGRAMS</b>	<b>36,933</b>	<b>36,933</b>	<b>0</b>
<b>999 CLASSIFIED PROGRAMS</b>	<b>705,540</b>	<b>705,540</b>	<b>0</b>

PROCUREMENT OF AMMUNITION, AIR FORCE

Fiscal year 2023 budget request .....	\$903,630,000
Committee recommendation .....	890,530,000
Change from budget request .....	- 13,100,000

The Committee recommends an appropriation of \$890,530,000 for Procurement of Ammunition, Air Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request	
1	ROCKETS	22,190	22,190	0
2	CARTRIDGES	124,164	117,064	-7,100
	Small cal/ground munitions - (B519) 40MM practice M781 budget growth not justified by quantity		-1,500	
	Small cal/ground munitions - (BA21) 40MM practice day/night linked budget growth not justified by quantity		-1,000	
	Medium cal ammo - (B104) 30MM PGU-13/B budget growth not justified by quantity		-4,600	
4	GENERAL PURPOSE BOMBS	162,800	162,300	-500
	Practice bombs - FDT transfer to line 12		-500	
5	MASSIVE ORDNANCE PENETRATOR (MOP)	19,743	19,743	0
6	JOINT DIRECT ATTACK MUNITION	251,956	251,956	0
8	CAD/PAD	50,473	48,473	-2,000
	Prior year underexecution		-2,000	
9	EXPLOSIVE ORDNANCE DISPOSAL	6,343	6,343	0
10	SPARES AND REPAIR PARTS	573	573	0
12	FIRST DESTINATION TRANSPORTATION	1,903	3,025	1,122
	Transfer from line 4		500	
	Transfer from line 16		4,622	
	Excess growth		-4,000	
13	ITEMS LESS THAN \$5M	5,014	5,014	0
14	EXPENDABLE COUNTERMEASURES	120,548	120,548	0
15	FUZES	121,528	121,528	0
16	SMALL ARMS	16,395	11,773	-4,622
	Transfer to line 12 for first destination transportation		-4,622	

OTHER PROCUREMENT, AIR FORCE

Fiscal year 2023 budget request .....	\$25,691,113,000
Committee recommendation .....	25,426,674,000
Change from budget request .....	- 264,439,000

The Committee recommends an appropriation of \$25,426,674,000 for Other Procurement, Air Force which will provide the following program in fiscal year 2023:



EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 PASSENGER CARRYING VEHICLES	2,446	2,446	0
2 FAMILY MEDIUM TACTICAL VEHICLE	1,125	1,125	0
3 CAP VEHICLES	999	1,900	901
Program increase		901	
4 CARGO AND UTILITY VEHICLES	35,220	35,220	0
5 JOINT LIGHT TACTICAL VEHICLE	60,461	60,461	0
6 SECURITY AND TACTICAL VEHICLES	382	382	0
7 SPECIAL PURPOSE VEHICLES	49,623	49,623	0
8 FIRE FIGHTING/CRASH RESCUE VEHICLES	11,231	11,231	0
9 MATERIALS HANDLING EQUIPMENT	12,559	15,259	2,700
Air Force requested transfer from OM,ANG line 11G		2,700	
10 RUNWAY SNOW REMOVAL AND CLEANING EQUIPMENT	6,409	6,409	0
11 BASE MAINTENANCE SUPPORT VEHICLES	72,012	72,012	0
13 COMSEC EQUIPMENT	96,851	96,851	0
14 STRATEGIC MICROELECTRONIC SUPPLY SYSTEM	467,901	467,901	0
15 INTERNATIONAL INTEL TECH & ARCHITECTURES	7,043	7,043	0
16 INTELLIGENCE TRAINING EQUIPMENT	2,424	2,424	0
17 INTELLIGENCE COMM EQUIPMENT	25,308	25,308	0
18 AIR TRAFFIC CONTROL & LANDING SYSTEMS	65,531	65,531	0
19 BATTLE CONTROL SYSTEM - FIXED	1,597	1,597	0
20 THEATER AIR CONTROL SYSTEM IMPROVEMENTS	9,611	6,611	-3,000
Unit cost increase and unobligated balances		-3,000	
21 3D EXPEDITIONARY LONG-RANGE RADAR (3DELRR)	174,640	174,640	0
22 WEATHER OBSERVATION FORECAST	20,658	20,658	0
23 STRATEGIC COMMAND AND CONTROL	93,351	93,567	216
Transfer from RDTE,AF line 278		216	
24 CHEYENNE MOUNTAIN COMPLEX	6,118	6,118	0

P-1		Budget Request	Committee Recommended	Change from Request
25	MISSION PLANNING SYSTEMS	13,947	13,947	0
27	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)	0	4,740	4,740
	Transfer from RDTE,AF line 278		4,740	
28	GENERAL INFORMATION TECHNOLOGY	101,517	101,517	0
29	AF GLOBAL COMMAND AND CONTROL SYSTEM	2,487	2,487	0
30	BATTLEFIELD AIRBORNE CONTROL NODE (BACN)	32,807	32,807	0
31	MOBILITY COMMAND AND CONTROL	10,210	10,210	0
35	COMBAT TRAINING RANGES	134,213	139,213	5,000
	Program increase - simplified planning execution analysis and reconstruction		5,000	
36	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)	66,294	66,294	0
37	WIDE AREA SURVEILLANCE (WAS)	29,518	29,518	0
38	C3 COUNTERMEASURES	55,324	55,324	0
40	GCSS-AF FOS	786	786	0
42	MAINTENANCE REPAIR & OVERHAUL INITIATIVE	248	248	0
43	THEATER BATTLE MGT C2 SYSTEM	275	275	0
44	AIR & SPACE OPERATIONS CENTER (AOC)	2,611	21,753	19,142
	Transfer from RDTE,AF line 279		19,142	
46	BASE INFORMATION TRANSPT INFRAST (BITI) WIRED	29,791	29,791	0
47	AFNET	83,320	80,320	-3,000
	CSCS unjustified growth in PMA contractor services		-3,000	
48	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	5,199	5,199	0
49	USCENTCOM	11,896	11,896	0
50	USSTRATCOM	4,619	4,619	0
51	TACTICAL C-E EQUIPMENT	120,050	120,050	0
52	RADIO EQUIPMENT	14,053	14,053	0
54	BASE COMM INFRASTRUCTURE	91,313	91,313	0

P-1		Budget Request	Committee Recommended	Change from Request
55	COMM ELECT MODS HLD site system hardware ahead of need	167,419	59,419 -108,000	-108,000
56	PERSONAL SAFETY & RESCUE EQUIPMENT Program increase - handheld trace level chemical detection devices	92,995	102,995 10,000	10,000
57	POWER CONDITIONING EQUIPMENT	12,199	12,199	0
58	MECHANIZED MATERIAL HANDLING EQUIPMENT	9,326	9,326	0
59	BASE PROCURED EQUIPMENT	52,890	52,890	0
60	ENGINEERING AND EOD EQUIPMENT	231,552	231,552	0
61	MOBILITY EQUIPMENT	28,758	28,758	0
62	FUELS SUPPORT EQUIPMENT Underexecution	21,740	12,740 -9,000	-9,000
65	DARP RC-135	28,153	28,153	0
66	DISTRIBUTED GROUND SYSTEMS (DCGS-AF)	217,713	217,713	0
70	SPECIAL UPDATE PROGRAM	978,499	978,499	0
71	SPARES AND REPAIR PARTS (CYBER)	1,007	1,007	0
72	SPARES AND REPAIR PARTS Underexecution	23,175	18,175 -5,000	-5,000
999	CLASSIFIED PROGRAMS Classified adjustment	21,791,709	21,612,571 -179,138	-179,138

PROCUREMENT, SPACE FORCE

Fiscal year 2023 budget request .....	\$3,629,669,000
Committee recommendation .....	3,717,369,000
Change from budget request .....	+87,700,000

The Committee recommends an appropriation of \$3,717,369,000 for Procurement, Space Force which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
2 AF SATELLITE COMM SYSTEM	51,414	51,414	0
3 COUNTERSPACE SYSTEMS Reduce carryover	62,691	60,241 -2,450	-2,450
4 FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS Underexecution	26,394	16,144 -10,250	-10,250
5 WIDEBAND GAFILLER SATELLITES (SPACE) Inadequate justification - WGS 11 integration	21,982	14,482 -7,500	-7,500
6 GENERAL INFORMATION TECH - SPACE	5,424	5,424	0
7 GPSIII FOLLOW ON Excess to need	657,562	646,962 -10,600	-10,600
8 GPS III SPACE SEGMENT	103,340	103,340	0
9 GLOBAL POSITIONING (SPACE)	950	950	0
10 HERITAGE TRANSITION	21,896	21,896	0
11 SPACEBORNE EQUIP (COMSEC) Cost overestimation	29,587	20,067 -9,520	-9,520
12 MILSATCOM	29,333	29,333	0
13 SBIR HIGH (SPACE) Unjustified increase - S2E2	148,666	141,966 -6,700	-6,700
14 SPECIAL SPACE ACTIVITIES Prior year carryover	817,484	805,004 -12,480	-12,480
15 MOBILE USER OBJECTIVE SYSTEM	46,833	46,833	0
16 NATIONAL SECURITY SPACE LAUNCH Excess to need	1,056,133	1,009,033 -47,100	-47,100
17 NUDET DETECTION SYSTEM	7,062	7,062	0
18 PTES HUB	42,464	42,464	0
19 ROCKET SYSTEMS LAUNCH PROGRAM	39,145	39,145	0
20 SPACE DEVELOPMENT AGENCY LAUNCH DAF requested transfer from RDTE, SF line 36	314,288	514,288 200,000	200,000
22 SPACE MODS Prior year carryover	73,957	68,257 -5,700	-5,700
23 SPACELIFT RANGE SYSTEM SPACE	71,712	71,712	0

P-1	Budget Request	Committee Recommended	Change from Request
24 SPARES AND REPAIR PARTS	1,352	1,352	0

PROCUREMENT, DEFENSE WIDE

Fiscal year 2023 budget request .....	\$5,245,500,000
Committee recommendation .....	5,425,747,000
Change from budget request .....	+180,247,000

The Committee recommends an appropriation of \$5,425,747,000 for Procurement, Defense-Wide which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

P-1	Budget Request	Committee Recommended	Change from Request
1 MAJOR EQUIPMENT	2,346	2,346	0
3 PERSONNEL ADMINISTRATION	4,522	4,522	0
11 INFORMATION SYSTEMS SECURITY	24,044	24,044	0
12 TELEPORT PROGRAM	50,475	50,475	0
13 JOINT FORCES HEADQUARTERS - DODIN	674	674	0
14 ITEMS LESS THAN \$5M	46,614	46,614	0
15 DEFENSE INFORMATION SYSTEMS NETWORK	87,345	87,345	0
16 WHITE HOUSE COMMUNICATION AGENCY	130,145	130,145	0
17 SENIOR LEADERSHIP ENTERPRISE	47,864	47,864	0
18 JOINT REGIONAL SECURITY STACKS (JRSS)	17,135	17,135	0
19 JOINT SERVICE PROVIDER	86,183	86,183	0
20 FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	42,756	42,756	0
22 MAJOR EQUIPMENT, DLA	24,501	24,501	0
23 MAJOR EQUIPMENT, DMACT	11,117	11,117	0
24 AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	2,048	2,048	0
25 MAJOR EQUIPMENT, DPAA	513	513	0
27 VEHICLES	139	139	0
28 OTHER MAJOR EQUIPMENT	14,296	14,296	0
30 THAAD SYSTEM	74,994	74,994	0
31 GROUND BASED MIDCOURSE	11,300	11,300	0
32 AEGIS BMD	402,235	402,235	0
34 BMDS AN/TPY-2 RADARS	4,606	4,606	0
35 AEGIS BMD SM-3 BLOCK IIA	337,975	337,975	0
36 ISRAELI PROGRAMS (ARROW 3 UPPER TIER SYSTEMS)	80,000	80,000	0



P-1	Budget Request	Committee Recommended	Change from Request
37 SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	40,000	40,000	0
38 DEFENSE OF GUAM PROCUREMENT	26,514	26,514	0
39 AEGIS ASHORE PHASE III	30,056	30,056	0
40 IRON DOME SYSTEM	80,000	80,000	0
41 AEGIS BMD HARDWARE AND SOFTWARE	78,181	78,181	0
47 INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	6,738	6,738	0
50 MAJOR EQUIPMENT, OSD	64,291	153,291	89,000
Poor justification		-14,000	
Transfer from RDTE, DW line 276, accelerate the procurement and fielding of innovative technologies		100,000	
Program increase - mentor-protégé program		3,000	
52 MAJOR EQUIPMENT, TJS	3,900	3,900	0
54 MAJOR EQUIPMENT WHS	310	310	0
55 ARMED OVERWATCH/TARGETING	246,000	246,000	0
56 MANNED ISR	5,000	5,000	0
57 MC-12	3,344	3,344	0
59 SOF ROTARY WING UPGRADES AND SUSTAINMENT	214,575	210,283	-4,292
Excess to need		-4,292	
60 UNMANNED ISR	41,749	41,749	0
61 NON-STANDARD AVIATION	7,156	7,156	0
62 SOF U-28	4,589	4,589	0
63 MH-47 CHINOOK	133,144	133,144	0
64 CV-22 SOF MODIFICATION	75,629	83,215	7,586
Program increase - CV-22 link-16 tacnet tactical receiver UPL		7,586	
65 MQ-9 UAV	9,000	9,000	0
66 PRECISION STRIKE PACKAGE	57,450	57,450	0
67 AC/MC-130J	225,569	221,058	-4,511
Excess to need		-4,511	
68 C-130 MODIFICATIONS	11,945	16,893	4,948
Program increase - MC-130 link-16 tacnet tactical receiver UPL		4,948	

P-1		Budget Request	Committee Recommended	Change from Request
69	<b>UNDERWATER SYSTEMS</b>	45,631	44,718	-913
	Excess to need		-913	
70	<b>SOF ORDNANCE ITEMS UNDER \$5M</b>	151,233	154,938	3,705
	Program increase - maritime scalable effects (MSE) electronic warfare system acceleration UPL		3,705	
71	<b>SOF INTELLIGENCE SYSTEMS</b>	175,616	219,094	43,478
	Program increase - enclosed spaces reconnaissance collection suite program		15,000	
	Program increase - Stalker VXE block 30 VTOL acceleration UPL		28,478	
72	<b>DCGS-SOF</b>	2,214	2,214	0
73	<b>SOF OTHER ITEMS UNDER \$5M</b>	98,096	96,134	-1,962
	Excess to need		-1,962	
74	<b>SOF COMBATANT CRAFT SYSTEMS</b>	85,566	85,566	0
75	<b>SPECIAL PROGRAMS</b>	20,042	20,042	0
76	<b>TACTICAL VEHICLES</b>	51,605	51,605	0
77	<b>SOF WARRIOR SYSTEMS UNDER \$5M</b>	306,846	352,992	46,146
	Excess to need		-6,137	
	Program increase - counter unmanned systems (CUxS) procurement acceleration UPL		33,553	
	Program increase - AFSOC force generation tactical communications UPL		18,730	
78	<b>COMBAT MISSION REQUIREMENTS</b>	4,991	4,991	0
80	<b>SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE</b>	18,723	18,723	0
81	<b>SOF OPERATIONAL ENHANCEMENTS</b>	347,473	358,227	10,754
	Program increase - intelligence, surveillance, and reconnaissance (ISR) transceivers acceleration UPL		10,754	
82	<b>CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS</b>	199,439	197,747	-1,692
	Unjustified growth		-6,692	
	Program increase - joint chemical agent detector - solid liquid adapter (JCAD-SLA)		5,000	
83	<b>CB PROTECTION AND HAZARD MITIGATION</b>	187,164	187,164	0
999	<b>CLASSIFIED PROGRAMS</b>	681,894	669,894	-12,000
	Classified adjustment		-12,000	

ACCELERATING THE PROCUREMENT AND FIELDING OF  
INNOVATIVE TECHNOLOGIES

The fiscal year 2022 joint explanatory statement included \$100,000,000 for the Agile Procurement Transition Pilot. The purpose of these funds is to transition technologies from pilot programs, prototype projects, and research projects to scale to capability, software, or service acquisitions. These funds are also to be used for the rapid procurement of commercially available technologies that can directly aid the warfighter.

The Committee supports continued development of this fund, and notes that the President’s fiscal year 2023 budget request included \$100,000,000 for this effort. Though the Committee recognizes the challenges within the SBIR and STTR programs, it remains convinced that procurement funds are more appropriate with the intention of rapidly aiding the warfighter. Therefore, the Committee recommendation includes a transfer of the \$100,000,000 requested under Research, Development, Test and Evaluation, Defense-Wide to Procurement, Defense-Wide. Additionally, the Committee directs the Under Secretary of Defense for Research and Engineering to brief the congressional defense committees not later than 90 days after the enactment of this Act on the capabilities being tested and the proposed path to scale innovative technologies, including successes and failures to date, including the use of fiscal year 2022 funds.

DEPARTMENT OF DEFENSE STOCKPILE FOR NOVEL ANTIBIOTICS

The Committee recognizes the threat posed by antimicrobial resistance, and the need to make novel, more effective antibiotics available for combat care and bioterrorism response. Moreover, the Committee is concerned with the lacking domestic supply of pharmaceutical ingredients. While the Committee notes the increasing threat posed by antimicrobial resistance and the threat of supply chain disruption of critical ingredients and antibiotics, the Committee is also concerned that adversaries are engineering bio-weapons designed to defeat outdated legacy countermeasures. To enhance preparedness, support readiness, and to ensure that servicemembers have access to the best antibiotic treatments, the Committee encourages the Under Secretary of Defense for Acquisition and Sustainment to modernize acquisition of antibiotics; review novel antibiotics stockpile requirements; and ensure domestic sourcing of ingredients and production of novel antibiotics where deemed appropriate.

DEFENSE PRODUCTION ACT PURCHASES

Fiscal year 2023 budget request .....	\$659,906,000
Committee recommendation .....	707,906,000
Change from budget request .....	+48,000,000

The Committee recommends an appropriation of \$707,906,000 for the Defense Production Act Purchases which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
DEFENSE PRODUCTION ACT PURCHASES	659,906	707,906	48,000
Program increase—critical minerals recycling .....		10,000	
Program increase—domestic aluminum castings .....		23,000	
Program increase—heavy forging capacity improvement program .....		15,000	
TOTAL, DEFENSE PRODUCTION ACT PURCHASES .....	659,906	707,906	48,000

CRITICAL MINERALS RECYCLING

The Committee understands the Department’s demand and reliance on foreign sources of critical materials and rare earth minerals including magnets, cobalt, titanium, copper, and aluminum. Further, the Committee recognizes the impact that supply chain challenges and rising raw material prices have on the Department’s access to critical defense materials and encourages the Secretary of Defense to research alternative opportunities to source or reclaim these critical materials domestically from recyclables and end-of-life components. The Committee recommendation includes an increase of \$10,000,000 and directs the Secretary of Defense to develop automated processing systems to reclaim critical materials from hard disk drives and electric vehicle motors. The Committee encourages the Secretary of Defense to explore partnering with Tribal Nations in this effort.

NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT

Fiscal year 2023 budget request .....	---
Committee recommendation .....	\$1,000,000,000
Change from budget request .....	+\$1,000,000,000

The Committee recommends \$1,000,000,000 for the National Guard and Reserve Equipment Account. Of that amount, \$349,000,000 is for the Army National Guard; \$290,000,000 is for the Air National Guard; \$137,000,000 is for the Army Reserve; \$66,000,000 is for the Navy Reserve; \$24,000,000 is for the Marine Corps Reserve; and \$134,000,000 is for the Air Force Reserve to meet urgent equipment needs in the coming fiscal year. This funding will allow the National Guard and reserve components to procure high priority equipment used by these components for both their military missions and missions in support of State governors. The funding within this account is not to be used to procure equipment designated as high-density critical equipment, major weapon systems, aircraft, and other 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 purchased by the senior Service, to expand or accelerate current Service procurement plans, to purchase expendable items, or to purchase facilities or equipment for any requirement able to be satisfied elsewhere.

The Committee directs the Secretary of Defense to ensure that the National Guard and Reserve Equipment Account is executed by the Chiefs of the National Guard and reserve components with priority consideration given to the following items: acoustic hailing devices; containerized ice making systems; aviation status dashboard;

crash-worthy, ballistically tolerant auxiliary fuel systems; degraded visual environment systems; gamma radiation protection; integration of aluminum mesh secondary combustion ignition prevention technology for combat and logistics vehicle fuel tanks; KC-135 aircraft emergency response refuel equipment kits; land surveying systems; lightweight, rapidly deployable, computer-based artillery call for fire training and simulation; modular small arms ranges and small arms training simulators and tools; radiological screening portals; small unmanned aerial systems and tethered drones; software defined radios; UH-72A/B mission equipment modernization; and upgraded commercial-off-the-shelf ground mapping for C-130 aircraft.



## TITLE IV

### RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The fiscal year 2023 Department of Defense research, development, test and evaluation budget request totals \$130,097,410,000. The Committee recommendation provides \$131,667,180,000 for the research, development, test and evaluation accounts. The table below summarizes the Committee recommendations:

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
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RECAPITULATION			
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	13,710,273	15,004,405	+1,294,132
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	24,078,718	25,142,077	+1,063,359
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE.....	44,134,301	43,173,883	-960,418
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE.....	15,819,372	15,461,468	-357,904
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	32,077,552	32,608,153	+530,601
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	277,194	277,194	---
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GRAND TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION.....	130,097,410	131,667,180	+1,569,770
	=====	=====	=====



## REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance as specified in the report accompanying the House version of the Department of Defense Appropriations Act, 2008 (House Report 110-279). Specifically, the dollar threshold for reprogramming funds shall be \$10,000,000 for procurement and research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for Service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with 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.

## FUNDING INCREASES

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

RESEARCH, DEVELOPMENT, TEST AND EVALUATION SPECIAL  
INTEREST ITEMS

Items for which additional funds have been recommended or items for which funding is specifically reduced as shown in the project level tables detailing recommended adjustments 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 elsewhere in this report.

## ADVANCED ENGINE DEVELOPMENT

The Committee’s recommendation provides \$353,658,000 for Advanced Engine Development under Research, Development, Test and Evaluation, Air Force. At the Air Force’s request, the Committee realigns funding within this program element to support a fiscal year 2023 budget of \$133,296,000 for the Adaptive Engine Transition Program (AETP) and \$220,362,000 for the Next Generation Adaptive Propulsion effort. The Committee continues to strongly support AETP and its advancement of adaptive cycle engine technology, which contains the potential for operationally sig-

nificant increases in thrust and thermal management capacity while improving fuel efficiency and reducing emissions.

The Committee notes that Section 242 of the National Defense Authorization Act (NDAA) for Fiscal Year 2022 required the Secretary of the Air Force to provide a report on an implementation plan to integrate an AETP-derived engine on the F-35A and begin activities to retrofit F-35A aircraft not later than fiscal year 2027. The report delivered in response provides a notional schedule that would result in the Air Force awarding a contract for engineering and manufacturing development (EMD) by the end of fiscal year 2024. The funding profile for AETP in the fiscal year 2023–2027 future years defense plan appears to support this notional program.

The Committee is aware that the power and cooling demands of continuous upgrades to all variants of the Joint Strike Fighter (JSF) will degrade the performance of the existing F135 propulsion system and ultimately require a modernized solution to meet future capability requirements. The Committee also is aware that AETP is one among multiple potential solutions, and that these solutions present divergent implications in terms of benefits, cost, schedule, technical risk, supply chain management, and the value of a joint program that was foundational to the JSF program's creation. The F-35 Joint Program Office (JPO) currently is conducting a business case analysis (BCA) comparing multiple combinations of engines and power and thermal management systems. This analysis is expected to be completed and briefed to the JSF Executive Steering Board (JESB) not later than the first quarter of fiscal year 2023. The Committee directs the Director of the JPO to brief the congressional defense committees on the results of this BCA not later than 30 days after its presentation to the JESB.

The Committee further notes that the Air Force's estimate for EMD to support F-35A integration is \$6,684,000,000, and that the program will require an independent cost estimate prior to a Milestone B decision and a contract award for EMD. Given that Congress may be presented with a request to fund EMD for AETP-derived engine integration with the F-35A beginning in fiscal year 2024, the Committee directs the Director of Cost Assessment and Program Evaluation to conduct an independent cost estimate and comparative assessment of all propulsion solutions that are the subject of the JPO's BCA and brief its findings to the congressional defense committees by the earlier of not later than 60 days following the submission of the President's fiscal year 2024 budget request, or April 30, 2023. This estimate and assessment shall consider, but not be limited to, the total life-cycle costs of each solution, to include development, production, and operations and sustainment; schedule; and, as necessary, the implications of operating a JSF fleet with more than one propulsion system.

Finally, the Committee understands that the Air Force will, pursuant to NDAA direction, consider the use of middle tier of acquisition authorities for AETP integration into the F-35A. Should the Air Force opt to propose such an approach with the fiscal year 2024 budget request, the Committee expects the Air Force to comply with the direction contained under the heading "Reporting on Middle-Tier Acquisition and Rapid Prototyping Programs" in the joint

explanatory statement accompanying the Department of Defense Appropriations Act, 2022.

MICROGRID RELIABILITY AND RESILIENCY RESEARCH

The Committee recognizes the growing need for advanced microgrid technologies that enhance the reliability and resiliency of energy systems at Department of Defense installations and in forward operating environments. Recognizing the value of a diverse range of efficient distributed energy resources, the Committee encourages the Secretary of Defense to evaluate multi-resource microgrid configurations that incorporate dispatchable, fuel-flexible, renewable-fuel-compatible, distributed generation technologies, paired with variable output renewable resources and battery storage technology, to achieve substantial emissions reductions, provide multi-week resilience, and improve energy security.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Fiscal year 2023 budget request .....	\$13,710,273,000
Committee recommendation .....	15,004,405,000
Change from budget request .....	+1,294,132,000

The Committee recommends an appropriation of \$15,004,405,000 for Research, Development, Test and Evaluation, Army which will provide the following program in fiscal year 2023:

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

R-1	Budget request	Committee Recommended	Change from Request
<b>1 DEFENSE RESEARCH SCIENCES</b>	<b>279,328</b>	<b>331,828</b>	<b>52,500</b>
Program increase - digital thread for advanced manufacturing		9,500	
Program increase - explosives and opioids dual-use UV detection		10,000	
Program increase - joint research laboratories		18,000	
Program increase - renewable energy technologies		15,000	
<b>2 UNIVERSITY RESEARCH INITIATIVES</b>	<b>70,775</b>	<b>77,775</b>	<b>7,000</b>
Program increase - missile soldier touch point center		7,000	
<b>3 UNIVERSITY AND INDUSTRY RESEARCH CENTERS</b>	<b>100,909</b>	<b>110,709</b>	<b>9,800</b>
Program increase - biotechnology advancements		4,000	
Program increase - infusion of cybersecurity concepts into non-technical high school courses		2,000	
Program increase - next generation survival radio		3,800	
<b>4 CYBER COLLABORATIVE RESEARCH ALLIANCE</b>	<b>5,355</b>	<b>5,355</b>	<b>0</b>
<b>5 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH</b>	<b>10,456</b>	<b>10,456</b>	<b>0</b>
<b>6 ARMY AGILE INNOVATION AND DEVELOPMENT- APPLIED RESEARCH</b>	<b>9,534</b>	<b>9,534</b>	<b>0</b>
<b>8 COUNTER IMPROVISED-THREAT ADVANCED STUDIES</b>	<b>6,192</b>	<b>6,192</b>	<b>0</b>
<b>9 LETHALITY TECHNOLOGY</b>	<b>87,717</b>	<b>142,717</b>	<b>55,000</b>
Program increase - collaborative networked armament lethality technology		15,000	
Program increase - enhanced armament fire control		10,000	
Program increase - novel armament systems		15,000	
Program increase - quantum technologies for armament systems		10,000	
Program increase - turret gunner survivability and simulation environment		5,000	
<b>10 ARMY APPLIED RESEARCH</b>	<b>27,833</b>	<b>27,833</b>	<b>0</b>
<b>11 SOLDIER LETHALITY TECHNOLOGY</b>	<b>103,839</b>	<b>151,839</b>	<b>48,000</b>
Program increase - advanced ballistic protection technology		20,000	
Program increase - enhancing soldier ballistic technologies		5,000	
Program increase - HEROES		10,000	
Program increase - military footwear research		5,000	
Program increase - Pathfinder Airborne		8,000	

R-1		Budget request	Committee Recommended	Change from Request
12	<b>GROUND TECHNOLOGY</b>	<b>52,848</b>	<b>135,748</b>	<b>82,900</b>
	Program increase - autonomous digital design		5,000	
	Program increase - carbon nanomaterials as functional additives		6,500	
	Program increase - defense resiliency against extreme cold weather		10,000	
	Program increase - electrolyzer		7,000	
	Program increase - environmental quality enhanced coatings		5,000	
	Program increase - extreme battery technologies		5,000	
	Program increase - flexible hybrid electronics		15,000	
	Program increase - functional polymeric materials and composites for extreme temperature environments		5,000	
	Program increase - high performance polymer composites and coatings		10,000	
	Program increase - integrity of transparent armor		4,400	
	Program increase - lightweight high entropy metallic alloy discovery collaboration		5,000	
	Program increase - polar proving ground		5,000	
13	<b>NEXT GENERATION COMBAT VEHICLE TECHNOLOGY</b>	<b>174,090</b>	<b>216,090</b>	<b>42,000</b>
	Program increase - advanced materials development for survivability		10,000	
	Program increase - digital design and simulated testing		5,000	
	Program increase - highly electrified vehicles		3,000	
	Program increase - machine learning optimized power electronics		3,000	
	Program increase - prototyping energy smart autonomous ground systems		10,000	
	Program increase - silicon carbide electronics		6,000	
	Program increase - solid oxide fuel cell development		5,000	
14	<b>NETWORK C3I TECHNOLOGY</b>	<b>64,115</b>	<b>112,115</b>	<b>48,000</b>
	Program increase - beyond-line-of-sight networking enhancement		5,000	
	Program increase - energy efficient devices		10,000	
	Program increase - EW and advanced sensing		6,500	
	Program increase - inertial navigation systems		11,500	
	Program increase - man portable doppler radar		10,000	
	Program increase - waveform diversity experimental research for sensors		5,000	
15	<b>LONG RANGE PRECISION FIRES TECHNOLOGY</b>	<b>43,029</b>	<b>88,029</b>	<b>45,000</b>
	Program increase - advanced graphitic foam for long-range precision fires		15,000	
	Program increase - extended range and hybrid gun launched unmanned aerial systems		15,000	
	Program increase - high temperature super alloys		5,000	
	Program increase - low-cost missile technology development		10,000	
16	<b>FUTURE VERTICAL LIFT TECHNOLOGY</b>	<b>69,348</b>	<b>74,348</b>	<b>5,000</b>
	Program increase - high strength functional composites		5,000	
17	<b>AIR AND MISSILE DEFENSE TECHNOLOGY</b>	<b>27,016</b>	<b>48,768</b>	<b>21,752</b>
	Program increase - counter-UAS center of excellence		5,000	
	Program increase - missile risk-based mission assurance		10,000	
	Program increase - PLRIS		6,752	
18	<b>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES</b>	<b>16,454</b>	<b>16,454</b>	<b>0</b>

R-1		Budget request	Committee Recommended	Change from Request
19	ALL DOMAIN CONVERGENCE APPLIED RESEARCH	27,399	27,399	0
20	C3I APPLIED RESEARCH	27,892	27,892	0
21	AIR PLATFORM APPLIED RESEARCH Program increase - multi-drone, multi-sensor ISR	41,588	46,588 5,000	5,000
22	SOLDIER APPLIED RESEARCH	15,716	15,716	0
23	C3I APPLIED CYBER	13,605	13,605	0
24	BIOTECHNOLOGY FOR MATERIALS - APPLIED RESEARCH	21,919	21,919	0
25	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	19,649	19,649	0
26	MEDICAL TECHNOLOGY Project increase - Center for Excellence in Military Health and Performance Enhancement Project increase - holistic health and fitness Program increase - surgical instrument sterilization	33,976	49,656 5,000 5,680 5,000	15,680
27	MEDICAL ADVANCED TECHNOLOGY Program increase - Aerial Reconfigurable Embedded System Project increase - heated garment testing equipment for warfighters Project increase - Army battlefield exercise and combat related traumatic brain and spinal cord injury research Program increase - hearing protection for communications	5,207	21,588 9,500 181 1,700 5,000	16,381
28	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	15,598	15,598	0
29	ARMY AGILE INNOVATION AND DEMONSTRATION	20,900	20,900	0
30	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES	6,395	6,395	0
31	ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY	45,463	45,463	0
32	C3I ADVANCED TECHNOLOGY	12,716	12,716	0
33	AIR PLATFORM ADVANCED TECHNOLOGY	17,946	17,946	0
34	SOLDIER ADVANCED TECHNOLOGY	479	479	0
36	LETHALITY ADVANCED TECHNOLOGY	9,796	9,796	0
37	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	134,874	134,874	0
38	SOLDIER LETHALITY ADVANCED TECHNOLOGY Program increase - small arms fire control advanced technology	100,935	105,435 4,500	4,500

R-1		Budget request	Committee Recommended	Change from Request
39	<b>GROUND ADVANCED TECHNOLOGY</b>	<b>32,546</b>	<b>174,346</b>	<b>141,800</b>
	Program increase - additive manufacturing and 3D printing for deployable shelters		6,000	
	Program increase - additive manufacturing for weapons and armaments components		10,000	
	Program increase - advanced multi-stack OLED microdisplays		8,800	
	Program increase - clean modular hydropower technology		10,000	
	Program increase - cross laminated timber		5,500	
	Project increase - expanding engineering with nature installation capacity		5,000	
	Program increase - expeditionary additive construction		15,000	
	Program increase - high power fast charging EV fleets		5,000	
	Program increase - low carbon hydrogen technologies		10,000	
	Program increase - mass timber applications for military construction projects		6,000	
	Program increase - microgrid reliability and resiliency		6,500	
	Program increase - military waste stream conversion		5,000	
	Program increase - novel materials for smart infrastructure systems		6,000	
	Program increase - pilot project power generation for increased facility resilience		10,000	
	Program increase - rapid entry and sustainment for the arctic		10,000	
	Program increase - rapid infrastructure development and engineering		5,000	
	Program increase - secure management of energy generation and storage		5,000	
	Program increase - ultra-high strength steels for construction applications		6,000	
	Program increase - water quality and resiliency technologies		7,000	
40	<b>COUNTER IMPROVISED-THREAT SIMULATION</b>	<b>21,486</b>	<b>21,486</b>	<b>0</b>
41	<b>BIOTECHNOLOGY FOR MATERIALS - ADVANCED RESEARCH</b>	<b>56,853</b>	<b>56,853</b>	<b>0</b>
42	<b>C3I CYBER ADVANCED DEVELOPMENT</b>	<b>41,354</b>	<b>41,354</b>	<b>0</b>
43	<b>HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM</b>	<b>251,964</b>	<b>251,964</b>	<b>0</b>
44	<b>NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY</b>	<b>193,242</b>	<b>314,992</b>	<b>121,750</b>
	Program increase - additive manufacturing for jointless hull		20,000	
	Program increase - advanced adhesives for combat vehicles		5,000	
	Program increase - ATE5.2 engine development		10,000	
	Program increase - autonomous systems for military ground vehicles		3,750	
	Program increase - carbon fiber tire		5,000	
	Program increase - digital enterprise technology for OMFV		15,000	
	Program increase - digital twin		7,000	
	Program increase - electric drive system		5,500	
	Program increase - human digital twins and human-machine interaction		6,000	
	Program increase - machine learning for advanced lightweight combat vehicle structures		10,000	
	Program increase - maneuverable lightweight electric weight reducer		7,500	
	Program increase - multi-service electro-optical signature code		9,000	
	Program increase - off-road maneuver		5,000	
	Program increase - synthetic graphite battery		10,000	
	Program increase - vehicle technology readiness levels		3,000	

R-1		Budget request	Committee Recommended	Change from Request
45	<b>NETWORK C3I ADVANCED TECHNOLOGY</b>	125,565	129,565	4,000
	Program increase - alternate navigation for GPS-denied landing environments		4,000	
46	<b>LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY</b>	100,830	160,830	60,000
	Program increase - aft combustor ramjet propulsion		10,000	
	Program increase - development and testing of propellants using advanced manufacturing		5,000	
	Program increase - extended range artillery munition suite advanced technology		10,000	
	Program increase - hyper velocity projectile extended range		25,000	
	Program increase - missile multi-agent extensible engagement services		10,000	
47	<b>FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY</b>	177,836	233,586	55,750
	Program increase - autonomous configuration management and aviation records		10,000	
	Program increase - data refinement and optimization for aviation sustainment		4,500	
	Program increase - FLEETSPACE maintenance tool		5,250	
	Program increase - FVL surface tolerant adhesives		9,000	
	Program increase - individual blade and higher harmonic control		22,000	
	Program increase - UH-60 main rotor blade modernization		5,000	
48	<b>AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY</b>	11,147	31,147	20,000
	Program increase - mobile force protection		20,000	
49	<b>HUMANITARIAN DEMINING</b>	8,933	21,000	12,067
	Program increase		12,067	
50	<b>ARMY MISSILE DEFENSE SYSTEMS INTEGRATION</b>	12,001	63,001	51,000
	Program increase - integrated environmental control and power		16,000	
	Program increase - mobile solid-state high-powered microwave		25,000	
	Program increase - system engineering research into system integration air and missile		10,000	
51	<b>ARMY SPACE SYSTEMS INTEGRATION</b>	17,945	17,945	0
52	<b>AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING</b>	0	15,000	15,000
	Program increase - machine learning for Army integrated fires		10,000	
	Program increase - software memory protection methods		5,000	
53	<b>LANDMINE WARFARE AND BARRIER - ADV DEV</b>	64,001	64,001	0
54	<b>TANK AND MEDIUM CALIBER AMMUNITION</b>	64,669	74,669	10,000
	Program increase - proof of concept military-grade antimony trisulfide		10,000	
55	<b>ARMORED SYSTEM MODERNIZATION - ADV DEV</b>	49,944	49,944	0
56	<b>SOLDIER SUPPORT AND SURVIVABILITY</b>	4,060	4,060	0
57	<b>TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV</b>	72,314	72,314	0



R-1		Budget request	Committee Recommended	Change from Request
58	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	18,048	18,048	0
59	ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL	31,249	38,749	7,500
	Program increase - underwater cut and capture demonstration		7,500	
60	NATO RESEARCH AND DEVELOPMENT	3,805	3,805	0
61	AVIATION - ADV DEV	1,162,344	1,131,594	-30,750
	FARA PM costs excess		-3,750	
	FLRAA WSD ahead of need		-60,000	
	Program increase - all electric flight control systems		10,000	
	Program increase - FLRAA		23,000	
62	LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV	9,638	9,638	0
63	MEDICAL SYSTEMS - ADV DEV	598	598	0
64	SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	25,971	25,971	0
65	ROBOTICS DEVELOPMENT	26,594	20,523	-6,071
	CF4 SP product development excess request		-6,071	
66	EXPANDED MISSION AREA MISSILE (EMAM)	220,820	220,820	0
67	CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING	106,000	106,000	0
69	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	35,509	35,509	0
70	MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV	49,932	49,932	0
71	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV	863	863	0
72	ANALYSIS OF ALTERNATIVES	10,659	10,659	0
73	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	1,425	1,425	0
74	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	95,719	134,719	39,000
	Program increase - accelerate FTUAS Inc 1		16,000	
	Program increase - micro integrated transponder with embedded crypto		8,000	
	Program increase - protected BE-CDL Mode 303		15,000	
75	LOWER TIER AIR MISSILE DEFENSE (LTAMD)	382,147	380,147	-2,000
	T&E carryover		-12,000	
	Program increase - program protection initiatives		10,000	
76	TECHNOLOGY MATURATION INITIATIVES	269,756	269,756	0
77	MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD)	225,147	225,147	0

R-1		Budget request	Committee Recommended	Change from Request
78	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING	198,111	198,111	0
79	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	43,797	43,797	0
80	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING	166,452	206,452	40,000
	Program increase - STE Live electronic bullet		20,000	
	Program increase - STE Live OTA acceleration		20,000	
81	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING	15,840	12,840	-3,000
	Carryover		-3,000	
82	STRATEGIC MID-RANGE FIRES	404,291	404,291	0
83	HYPERSONICS	173,168	216,450	43,282
	Carryover		-16,718	
	Program increase - common hypersonic glide body		60,000	
84	FUTURE INTERCEPTOR	8,179	8,179	0
85	COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT	35,110	35,110	0
86	UNIFIED NETWORK TRANSPORT	36,966	36,966	0
89	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	55,677	55,677	0
90	AIRCRAFT AVIONICS	3,335	3,335	0
91	ELECTRONIC WARFARE DEVELOPMENT	4,243	4,243	0
92	INFANTRY SUPPORT WEAPONS	66,529	65,829	-700
	Carryover		-3,200	
	Program increase - cannon life extension program		1,500	
	Program increase - CROWS-AHD		1,000	
93	MEDIUM TACTICAL VEHICLES	22,163	22,163	0
94	JAVELIN	7,870	7,870	0
95	FAMILY OF HEAVY TACTICAL VEHICLES	50,924	50,924	0
96	AIR TRAFFIC CONTROL	2,623	2,623	0
97	TACTICAL UNMANNED GROUND VEHICLE (TUGV)	115,986	109,849	-6,137
	CF5 SP government T&E excess request		-5,137	
	CF5 program management excess request		-1,000	

R-1		Budget request	Committee Recommended	Change from Request
99	ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV Product development excess to need	71,287	63,143 -8,144	-8,144
100	NIGHT VISION SYSTEMS - ENG DEV IVAS 1.2 ahead of need Night vision device - next ahead of need	62,679	33,245 -26,206 -3,228	-29,434
101	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	1,566	1,566	0
102	NON-SYSTEM TRAINING DEVICES - ENG DEV	18,600	18,600	0
103	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE - ENG DEV Carryover	39,541	35,541 -4,000	-4,000
104	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	29,570	29,570	0
105	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	5,178	5,178	0
106	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENG DEV	8,189	8,189	0
109	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	21,228	21,228	0
110	WEAPONS AND MUNITIONS - ENG DEV 155mm components costs previously funded FA6 live fire test and evaluation ahead of need Program increase - anti-jam precision guidance kit	263,778	282,425 -3,000 -3,353 25,000	18,647
111	LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV Program increase - advanced electrical generator Program increase - mobile ultra-lightweight camouflage net systems	41,669	56,669 10,000 5,000	15,000
112	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG DEV	40,038	40,038	0
113	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT - ENG DEV	5,513	5,513	0
114	LANDMINE WARFARE/BARRIER - ENG DEV Program increase - prototype integration	12,150	37,150 25,000	25,000
115	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	111,690	111,690	0
116	RADAR DEVELOPMENT	71,259	71,259	0
117	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	10,402	10,402	0
119	SOLDIER SYSTEMS - WARRIOR DEMVAL	11,425	11,425	0

R-1		Budget request	Committee Recommended	Change from Request
120	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS - EMD	109,702	100,384	-9,318
	Carryover		-9,318	
121	ARTILLERY SYSTEMS - EMD	23,106	48,106	25,000
	Program increase - soft recoil for extended range artillery		25,000	
122	INFORMATION TECHNOLOGY DEVELOPMENT	124,475	84,108	-40,367
	LSI contract ahead of need		-40,367	
123	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	67,564	67,564	0
125	JOINT TACTICAL NETWORK CENTER (JTNC)	17,950	17,950	0
126	JOINT TACTICAL NETWORK (JTN)	30,169	30,169	0
128	COMMON INFRARED COUNTERMEASURES (CIRCM)	11,523	11,523	0
130	DEFENSIVE CYBER TOOL DEVELOPMENT	33,029	33,029	0
131	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	4,497	4,497	0
132	CONTRACT WRITING SYSTEM	23,487	23,487	0
133	AIRCRAFT SURVIVABILITY DEVELOPMENT	19,123	19,123	0
134	INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1	131,093	131,093	0
135	GROUND ROBOTICS	26,809	26,809	0
136	EMERGING TECHNOLOGY INITIATIVES	185,311	191,823	6,512
	Program reduction		-8,488	
	Program Increase - C-UAS HEL atmospheric study and prototype sensors		15,000	
137	BIOMETRICS ENABLING CAPABILITY (BEC)	11,091	11,091	0
138	NEXT GENERATION LOAD DEVICE - MEDIUM	22,439	22,439	0
140	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD	58,087	108,987	50,900
	Army requested transfer from OP,A line 62		50,900	
141	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	119,516	119,516	0
142	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5)	6,530	6,530	0
143	MULTI-DOMAIN INTELLIGENCE	19,911	14,411	-5,500
	Excess to need - Army TCPED		-5,500	
145	PRECISION STRIKE MISSILE (PRSM)	259,506	259,506	0
146	HYPERSONICS EMD	633,499	633,499	0

R-1		Budget request	Committee Recommended	Change from Request
147	ACCESSIONS INFORMATION ENVIRONMENT (AIE) Carryover	13,647	10,088 -3,559	-3,559
148	STRATEGIC MID-RANGE CAPABILITY	5,016	5,016	0
149	INTEGRATED TACTICAL COMMUNICATIONS	12,447	12,447	0
150	JOINT AIR-TO-GROUND MISSILE (JAGM)	2,366	2,366	0
151	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD) Program increase - kill chain automation	265,288	275,288 10,000	10,000
152	COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION	14,892	14,892	0
153	MANNED GROUND VEHICLE Technology maturation and PM costs excess request Excess to need	589,762	561,880 -5,000 -22,882	-27,882
154	NATIONAL CAPABILITIES INTEGRATION (MIP)	17,030	17,030	0
155	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING	9,376	9,376	0
156	AVIATION GROUND SUPPORT EQUIPMENT	2,959	2,959	0
157	TROJAN - RH12	3,761	3,761	0
160	ELECTRONIC WARFARE DEVELOPMENT Army requested transfer from OP.A line 64	56,938	94,938 38,000	38,000
161	THREAT SIMULATOR DEVELOPMENT	18,437	18,437	0
162	TARGET SYSTEMS DEVELOPMENT Program increase - HEL power and thermal subsystem Program increase - replacement of engines for aerial targets	19,132	39,132 10,000 10,000	20,000
163	MAJOR T&E INVESTMENT Program increase - advancing operational test infrastructure Project increase - expanding operational test command	107,706	142,106 30,500 3,900	34,400
164	RAND ARROYO CENTER	35,542	35,542	0
165	ARMY KWAJALEIN ATOLL	309,005	309,005	0
166	CONCEPTS EXPERIMENTATION PROGRAM	87,122	87,122	0
168	ARMY TEST RANGES AND FACILITIES	401,643	401,643	0
169	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS Program increase - rapid assurance modernization program - test	37,962	57,962 20,000	20,000

R-1	Budget request	Committee Recommended	Change from Request
170 SURVIVABILITY/LETHALITY ANALYSIS	36,500	36,500	0
171 AIRCRAFT CERTIFICATION	2,777	2,777	0
172 METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,958	6,958	0
173 MATERIEL SYSTEMS ANALYSIS	22,037	22,037	0
174 EXPLOITATION OF FOREIGN ITEMS	6,186	6,186	0
175 SUPPORT OF OPERATIONAL TESTING	70,718	70,718	0
176 ARMY EVALUATION CENTER	67,058	67,058	0
177 ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	6,097	6,097	0
178 PROGRAMWIDE ACTIVITIES	89,793	89,793	0
179 TECHNICAL INFORMATION ACTIVITIES	28,752	28,752	0
180 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY Program increase - foamable celluloid energetics	48,316	53,316 5,000	5,000
181 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,912	1,912	0
182 ARMY DIRECT REPORT HEADQUARTERS - R&D - MHA	53,271	53,271	0
183 RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	90,088	90,088	0
184 COUNTERINTEL AND HUMAN INTEL MODERNIZATION	1,424	1,424	0
186 ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	5,816	5,816	0
188 MLRS PRODUCT IMPROVEMENT PROGRAM	18,463	18,463	0
189 ANTI-TAMPER TECHNOLOGY SUPPORT	9,284	9,284	0
190 WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS Program increase - additive manufacturing for weapons and armaments components	11,674	21,674 10,000	10,000
193 CHINOOK PRODUCT IMPROVEMENT PROGRAM	52,513	52,513	0
194 IMPROVED TURBINE ENGINE PROGRAM	228,036	228,036	0
195 AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT Program increase - CH-47 engine	11,312	26,312 15,000	15,000
196 UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	512	512	0

R-1		Budget request	Committee Recommended	Change from Request
197	APACHE FUTURE DEVELOPMENT Program increase - strap-down pilotage Apache	10,074	15,074 5,000	5,000
198	AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM	62,559	62,559	0
199	INTEL CYBER DEVELOPMENT	13,343	13,343	0
200	ARMY OPERATIONAL SYSTEMS DEVELOPMENT	26,131	26,131	0
201	ELECTRONIC WARFARE DEVELOPMENT	6,432	6,432	0
202	FAMILY OF BIOMETRICS	1,114	1,114	0
203	PATRIOT PRODUCT IMPROVEMENT	152,312	152,312	0
204	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCS)	19,329	19,329	0
205	COMBAT VEHICLE IMPROVEMENT PROGRAMS Stryker network modernization excess request Program increase - Abrams modernization Program increase - next generation auxiliary power units	192,310	289,953 -4,557 97,200 5,000	97,643
206	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS Test and evaluation carryover	136,680	118,510 -18,170	-18,170
208	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	148	148	0
209	DIGITIZATION Carryover	2,100	0 -2,100	-2,100
210	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	3,109	3,109	0
211	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	9,027	9,027	0
212	ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM DEV	793	793	0
213	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	20,180	20,180	0
214	JOINT TACTICAL GROUND SYSTEM	8,813	8,813	0
217	INFORMATION SYSTEMS SECURITY PROGRAM	17,209	17,209	0

R-1		Budget request	Committee Recommended	Change from Request
218	GLOBAL COMBAT SUPPORT SYSTEM Inc 1 carryover	27,100	22,600 -4,500	-4,500
219	SATCOM GROUND ENVIRONMENT (SPACE)	18,321	18,321	0
222	INTEGRATED BROADCAST SERVICE (IBS)	9,926	9,926	0
223	TACTICAL UNMANNED AERIAL VEHICLES	4,500	4,500	0
224	AIRBORNE RECONNAISSANCE SYSTEMS	17,165	17,165	0
227	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES Program increase - liquid hydrogen energy refueling Program increase - N2O5	91,270	111,270 10,000 10,000	20,000
999	CLASSIFIED PROGRAMS	6,664	6,664	0
228	DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT	94,888	94,888	0



## WATER QUALITY AND RESILIENCY TECHNOLOGIES

The Committee supports the Department of the Army's efforts to address military requirements related to water quality, water security, and water management. Additional investments will help protect servicemembers, their families, and the communities surrounding military installations. The Committee recommends an additional \$7,000,000 above the budget request for research to address identified water efficiency, quality, and resilience priorities, including specific priorities related to PFAS, developing new water and wastewater treatment technologies, wastewater energy recovery methods, addressing persistent biofilms, drug resistant bacteria and viruses in water systems and military buildings, lead contamination in drinking water and human exposure, and the development of new sensor systems for water quality analysis to help mitigate future water quality threats.

## LOW-COST ELECTROLYZERS

The Committee recognizes the value of evaluating low-cost hydrogen in long-duration energy storage applications and for energy resiliency for military installations. Therefore, the Committee recommends an additional \$7,000,000 for research of low-cost electrolyzers for hydrogen production and storage.

## COMMON REMOTELY OPERATED WEAPON STATION ACOUSTIC HAILING DEVICES

The Army's Common Remotely Operated Weapon Station (CROWS) Increment II program extends the operational life of existing CROWS platforms while providing additional capability including certain non-lethal technologies such as Acoustic Hailing Devices (AHDs). As an existing Army program of record, AHDs have been used with considerable effect to communicate effectively from safe standoff distances, de-escalate dangerous situations and reduce both combatant and non-combatant casualties. The Committee directs the Secretary of the Army, not later than 120 days after the enactment of this Act, to provide a briefing to the House and Senate Appropriations Committees on the status of the CROWS Increment II program including a timeline for prototyping and procurement of this system, as well as the addition of AHDs.

## COMMON TACTICAL TRUCK

The Committee is encouraged by the Department's goal of modernizing the heavy tactical vehicle fleet. To date, the Army has prioritized its signature modernization programs at the expense of sustainment vehicles. Adequately funding the Common Tactical Truck (CTT) program will provide greater competition, a healthier industrial base, and will result in the best vehicle to provide sustainment and support to Army units.

The Committee understands that the CTT acquisition will focus on modular truck prototypes that maximize use of current commercial heavy truck technologies and commonality. The Committee is encouraged by this effort and expects prototypes will optimize available and emerging commercial-off-the-shelf (COTS) technologies such as advanced driver assistance systems, digital design,

improved fuel economy, predictive maintenance, diagnostics, and prognostics technologies, as well as set conditions for lower procurement costs at commercial economies of scale.

The Committee supports this initiative given the criticality of logistics capability in large scale combat operations, as well as providing for increased competition and innovation in the tactical wheeled vehicle industrial base. However, the Committee is concerned that the budget request only includes \$16,377,000 for CTT prototypes and no procurement funding in the out-years of the fiscal year 2023 program objective memorandum. This amount suggests that the Army is not fully committed to developing and fielding a 21st century heavy truck fleet to support Army and other defense logistics requirements.

The Committee directs the Secretary of the Army to provide the Army's Tactical Wheeled Vehicle Strategy not later than 90 days after the enactment of this Act, as well as a report that outlines the following elements of the proposed CTT acquisition:

- 1) required characteristics for prototype builds such as mission roles, commonality, leader-follower or autonomy ready, force protection and survivability, and demand reduction;
- 2) planned schedule to include use of soldier touch points;
- 3) contracting strategy;
- 4) modified test and evaluation plan that takes into account COTS technology;
- 5) funding profile across the future years defense program; and
- 6) any courses of action related to transitioning the program from prototype to a traditional acquisition program of record.

**RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY**

Fiscal year 2023 budget request .....	\$24,078,718,000
Committee recommendation .....	25,142,077,000
Change from budget request .....	+1,063,359,000

The Committee recommends an appropriation of \$25,142,077,000 for Research, Development, Test and Evaluation, Navy which will provide the following program in fiscal year 2023:

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

R-1	Budget Request	Committee Recommended	Change from Request
<b>1 UNIVERSITY RESEARCH INITIATIVES</b>	<b>90,076</b>	<b>132,376</b>	<b>42,300</b>
Program increase - defense university research instrumentation program		15,000	
Program increase - all-digital arrays for long-distance application power maximization		9,800	
Program increase - artificial intelligence maritime maneuvering		5,000	
Project increase - enhancing installation resiliency at NWS Earle		2,500	
Program increase - defense research initiatives		10,000	
<b>3 DEFENSE RESEARCH SCIENCES</b>	<b>499,116</b>	<b>504,116</b>	<b>5,000</b>
Program increase - silicon-germanium-tin alloy research		5,000	
<b>4 POWER PROJECTION APPLIED RESEARCH</b>	<b>22,953</b>	<b>27,953</b>	<b>5,000</b>
Program increase - meta material broadband coatings		5,000	
<b>5 FORCE PROTECTION APPLIED RESEARCH</b>	<b>133,426</b>	<b>207,426</b>	<b>74,000</b>
Program increase - high speed/hypersonic test capability development		4,000	
Program increase - resilient autonomous systems research and diversity programs		8,500	
Program increase - talent and technology for Navy power and energy systems		10,500	
Program increase - seawater to jet fuel demo		20,000	
Program increase - coastal environmental research		5,000	
Program increase - advanced energetics research		6,000	
Program increase - direct air capture and blue carbon removal technology		10,000	
Program increase - relative positioning of autonomous platforms in RF-restricted environments		5,000	
Program increase - laser peening		5,000	
<b>6 MARINE CORPS LANDING FORCE TECHNOLOGY</b>	<b>53,467</b>	<b>65,467</b>	<b>12,000</b>
Program increase - microtube heat exchangers		4,500	
Program increase - unmanned logistics solutions		7,500	
<b>7 COMMON PICTURE APPLIED RESEARCH</b>	<b>51,911</b>	<b>51,911</b>	<b>0</b>
<b>8 WARFIGHTER SUSTAINMENT APPLIED RESEARCH</b>	<b>70,957</b>	<b>90,957</b>	<b>20,000</b>
Program increase - nanocomposite coatings advanced research		10,000	
Program increase - biomaterial exterior for hypersonic projectile		5,000	
Program increase - wearable sensors for injury prediction		5,000	
<b>9 ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH</b>	<b>92,444</b>	<b>103,444</b>	<b>11,000</b>
Program increase - submerged electro-optical adaptive littoral sensor (SEALS) system prototypes		5,000	
Program increase - advanced antenna technology		6,000	
<b>10 OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH</b>	<b>74,622</b>	<b>122,622</b>	<b>48,000</b>
Program increase - task force ocean		10,000	
Program increase - continuous distributed sensing systems		10,000	
Program increase - research vessel cyber infrastructure improvements		8,000	
Program increase - commercially available long endurance USV		10,000	
Program increase - naval special warfare undersea and maritime superiority		5,000	
Program increase - marine meteorology		5,000	

R-1		Budget Request	Committee Recommended	Change from Request
11	<b>JOINT NON-LETHAL WEAPONS APPLIED RESEARCH</b>	6,700	6,700	0
12	<b>UNDERSEA WARFARE APPLIED RESEARCH</b>	58,111	91,111	33,000
	Program increase - academic partnerships for innovative research		25,000	
	Program increase - energetics awareness		3,000	
	Program increase - undersea sensing and communications		5,000	
13	<b>FUTURE NAVAL CAPABILITIES APPLIED RESEARCH</b>	173,641	173,641	0
14	<b>MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH</b>	31,649	38,649	7,000
	Program increase - expendable energetic unmanned aerial system (UAS)		7,000	
15	<b>INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH</b>	120,637	120,637	0
16	<b>SCIENCE AND TECHNOLOGY MANAGEMENT - ONR FIELD ACTIVITIES</b>	81,296	81,296	0
17	<b>FORCE PROTECTION ADVANCED TECHNOLOGY</b>	16,933	35,933	19,000
	Program increase - power electronics building block		6,000	
	Project increase - high-energy density and high-power density li-ion battery magazines (HEBM) in defense applications		8,000	
	Program increase - ultra-efficient power generation and energy storage technology for next generation unmanned surface vessels		5,000	
18	<b>ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY</b>	8,253	17,253	9,000
	Program increase - advanced maritime target processing		3,000	
	Program increase - power electronics building block		6,000	
19	<b>USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)</b>	280,285	327,902	47,617
	Combat service support and force protection excess growth		-19,383	
	Program increase - harbor-based collision avoidance system		5,000	
	Program increase - advanced mission planning SBIR technology insertion		5,000	
	Program increase - expeditionary process, exploitation, dissemination		4,000	
	Program increase - multi-function array for C-UAS		18,000	
	Program increase - low-cost atrittable aircraft technology		25,000	
	Program increase - CSISR and EW modular open suite of standards		10,000	
20	<b>JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT</b>	14,048	14,048	0
21	<b>FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT</b>	251,267	261,267	10,000
	Program increase - advanced carbon nanotube conductors for naval power systems		5,000	
	Program increase - advanced energetics research		5,000	
22	<b>MANUFACTURING TECHNOLOGY PROGRAM</b>	60,704	60,704	0
23	<b>WARFIGHTER PROTECTION ADVANCED TECHNOLOGY</b>	4,999	46,999	42,000
	Program increase - bone marrow registry program		32,000	
	Program increase - laser protective eyewear research		5,000	
	Program increase - closed-loop sedation and anesthesia system		5,000	

R-1	Budget Request	Committee Recommended	Change from Request
<b>24 NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS</b>	<b>83,137</b>	<b>83,902</b>	<b>765</b>
Naval warfare experimentation excess growth		-14,235	
Program increase - naval tech bridges		5,000	
Program increase - small unmanned surface vessels for expeditionary forces		5,000	
Program increase - Swampworks		5,000	
<b>25 MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY</b>	<b>2,007</b>	<b>2,007</b>	<b>0</b>
<b>26 INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT</b>	<b>144,122</b>	<b>190,772</b>	<b>46,650</b>
High energy laser counter ASCM project excess growth		-4,250	
INP advanced technology development excess to need		-5,900	
Program increase - advanced ATRT SBIR enterprise capabilities		25,300	
Program increase - combined fiber laser arrays without wavefront sensing		24,000	
Program increase - digital maintenance advisor for shipboard readiness		7,500	
<b>27 UNMANNED AERIAL SYSTEM</b>	<b>96,883</b>	<b>90,208</b>	<b>-6,675</b>
MALE program support excess growth		-6,675	
<b>28 LARGE UNMANNED SURFACE VEHICLES (LUSV)</b>	<b>146,840</b>	<b>146,840</b>	<b>0</b>
<b>29 AIR/OCEAN TACTICAL APPLICATIONS</b>	<b>39,737</b>	<b>42,737</b>	<b>3,000</b>
Program increase - infra-red telescope technology		3,000	
<b>30 AVIATION SURVIVABILITY</b>	<b>17,434</b>	<b>17,434</b>	<b>0</b>
<b>31 NAVAL CONSTRUCTION FORCES</b>	<b>1,706</b>	<b>1,706</b>	<b>0</b>
<b>32 AIRCRAFT SYSTEMS</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>33 ASW SYSTEMS DEVELOPMENT</b>	<b>15,986</b>	<b>15,986</b>	<b>0</b>
<b>34 TACTICAL AIRBORNE RECONNAISSANCE</b>	<b>3,562</b>	<b>3,562</b>	<b>0</b>
<b>35 ADVANCED COMBAT SYSTEMS TECHNOLOGY</b>	<b>18,628</b>	<b>25,128</b>	<b>6,500</b>
Program increase - minotaur data dissemination and interoperability services		6,500	
<b>36 SURFACE AND SHALLOW WATER MINE COUNTERMEASURES</b>	<b>87,825</b>	<b>87,825</b>	<b>0</b>
<b>37 SURFACE SHIP TORPEDO DEFENSE</b>	<b>473</b>	<b>473</b>	<b>0</b>
<b>38 CARRIER SYSTEMS DEVELOPMENT</b>	<b>11,567</b>	<b>11,567</b>	<b>0</b>
<b>39 PILOT FISH</b>	<b>672,461</b>	<b>672,461</b>	<b>0</b>
<b>40 RETRACT LARCH</b>	<b>7,483</b>	<b>7,483</b>	<b>0</b>
<b>41 RETRACT JUNIPER</b>	<b>239,336</b>	<b>239,336</b>	<b>0</b>
<b>42 RADIOLOGICAL CONTROL</b>	<b>772</b>	<b>772</b>	<b>0</b>
<b>43 SURFACE ASW</b>	<b>1,180</b>	<b>1,180</b>	<b>0</b>
<b>44 ADVANCED SUBMARINE SYSTEM DEVELOPMENT</b>	<b>105,703</b>	<b>105,703</b>	<b>0</b>
<b>45 SUBMARINE TACTICAL WARFARE SYSTEMS</b>	<b>10,917</b>	<b>10,917</b>	<b>0</b>

R-1		Budget Request	Committee Recommended	Change from Request
46	<b>SHIP CONCEPT ADVANCED DESIGN</b>	82,205	97,205	15,000
	Historical underexecution		-5,000	
	Program increase - defense industrial skills and technology training systems		10,000	
	Program increase - marine energy systems for sensors and microgrids		10,000	
47	<b>SHIP PRELIMINARY DESIGN &amp; FEASIBILITY STUDIES</b>	75,327	62,083	-13,244
	Project 0411 DDG(X) design and analysis excess growth		-13,244	
48	<b>ADVANCED NUCLEAR POWER SYSTEMS</b>	227,400	227,400	0
49	<b>ADVANCED SURFACE MACHINERY SYSTEMS</b>	176,600	130,021	-46,579
	Project 2471 DDG(X) power and propulsion risk mitigation and demonstration excess growth		-58,179	
	Program increase - silicon carbide flexible bus node		11,600	
50	<b>CHALK EAGLE</b>	91,584	91,584	0
51	<b>LITTORAL COMBAT SHIP (LCS)</b>	96,444	76,364	-20,080
	Lethality and survivability unjustified growth		-20,080	
52	<b>COMBAT SYSTEM INTEGRATION</b>	18,236	18,236	0
53	<b>OHIO REPLACEMENT</b>	335,981	345,981	10,000
	Program increase - rapid composites for wet submarine application		10,000	
54	<b>LCS MISSION MODULES</b>	41,533	41,533	0
55	<b>AUTOMATED TEST AND RE-TEST (ATRT)</b>	9,773	60,073	50,300
	Program increase - ATRT including Project Overmatch integration		50,300	
56	<b>FRIGATE DEVELOPMENT</b>	118,626	115,626	-3,000
	Prior year underexecution		-3,000	
57	<b>CONVENTIONAL MUNITIONS</b>	9,286	9,286	0
58	<b>MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM</b>	111,431	111,431	0
59	<b>JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT</b>	36,496	36,496	0
60	<b>OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT</b>	6,193	6,193	0
61	<b>ENVIRONMENTAL PROTECTION</b>	21,647	21,647	0
62	<b>NAVY ENERGY PROGRAM</b>	60,320	70,320	10,000
	Program increase - marine energy systems for sensors and microgrids		10,000	
63	<b>FACILITIES IMPROVEMENT</b>	5,664	5,664	0
64	<b>CHALK CORAL</b>	833,634	833,634	0
65	<b>NAVY LOGISTIC PRODUCTIVITY</b>	899	899	0
66	<b>RETRACT MAPLE</b>	363,973	363,973	0
67	<b>LINK PLUMERIA</b>	1,038,661	1,038,661	0

R-1	Budget Request	Committee Recommended	Change from Request
68 RETRACT ELM	83,445	83,445	0
69 LINK EVERGREEN	313,761	313,761	0
70 NATO RESEARCH AND DEVELOPMENT	8,041	8,041	0
71 LAND ATTACK TECHNOLOGY	358	358	0
72 JOINT NON-LETHAL WEAPONS TESTING	30,533	30,533	0
73 JOINT PRECISION APPROACH AND LANDING SYSTEMS - DEMVAL	18,628	18,628	0
74 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	65,080	65,080	0
75 F/A-18 INFRARED SEARCH AND TRACK (IRST)	40,069	40,069	0
76 DIGITAL WARFARE OFFICE	165,753	165,753	0
77 SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	106,347	106,347	0
78 UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	60,697	60,697	0
79 RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION.	57,000	57,000	0
81 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78 - 80)	116,498	116,498	0
82 LITTORAL AIRBORNE MCM	47,389	47,389	0
83 SURFACE MINE COUNTERMEASURES	12,959	12,959	0
84 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM)	15,028	39,028	24,000
Program increase - distributed aperture infrared countermeasures		24,000	
85 NEXT GENERATION LOGISTICS	2,342	7,342	5,000
Program increase - additive manufacturing part screening tool		5,000	
86 FUTURE VERTICAL LIFT (MARITIME STRIKE)	5,103	5,103	0
87 RAPID TECHNOLOGY CAPABILITY PROTOTYPE	62,927	62,927	0
88 LX (R)	26,630	24,116	-2,514
Historical underexecution		-2,514	
89 ADVANCED UNDERSEA PROTOTYPING	116,880	116,880	0
90 COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	7,438	7,438	0
91 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	84,734	84,734	0
92 SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT	10,229	10,229	0

R-1		Budget Request	Committee Recommended	Change from Request
93	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT Navy requested transfer from WP.N line 16	124,204	170,685 46,481	46,481
94	MEDIUM UNMANNED SURFACE VEHICLES (MUSVS))	104,000	104,000	0
95	UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES	181,620	181,620	0
96	GROUND BASED ANTI-SHIP MISSILE	43,090	43,090	0
97	LONG RANGE FIRES	36,693	36,693	0
98	CONVENTIONAL PROMPT STRIKE (CPS) Program increase - flight tests	1,205,041	1,230,041 25,000	25,000
99	ASW SYSTEMS DEVELOPMENT - MIP	9,856	9,856	0
100	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM Program increase - K-max unmanned logistics system Program increase - group 3 advanced autonomous systems Program increase - mobile unmanned/manned distributed lethality airborne network joint capability	1,735	18,735 7,000 5,000 5,000	17,000
101	ELECTRONIC WARFARE DEVELOPMENT - MIP	796	796	0
102	TRAINING SYSTEM AIRCRAFT	15,128	15,128	0
103	MARITIME TARGETING CELL	39,600	39,600	0
104	OTHER HELO DEVELOPMENT	66,010	66,010	0
105	AV-8B AIRCRAFT - ENG DEV	9,205	9,205	0
106	STANDARDS DEVELOPMENT	3,766	3,766	0
107	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	44,684	44,684	0
108	P-3 MODERNIZATION PROGRAM	343	343	0
109	WARFARE SUPPORT SYSTEM	12,337	12,337	0
110	COMMAND AND CONTROL SYSTEMS N-MRO unjustified growth	143,575	133,940 -9,635	-9,635
111	ADVANCED HAWKEYE DSSC 6 excess growth	502,956	467,281 -35,675	-35,675
112	H-1 UPGRADES	43,759	43,759	0
113	ACOUSTIC SEARCH SENSORS	50,231	50,231	0
114	V-22A Historical underexecution	125,233	114,233 -11,000	-11,000
115	AIR CREW SYSTEMS DEVELOPMENT Aircrew systems insufficient justification	43,282	38,117 -5,165	-5,165



R-1	Budget Request	Committee Recommended	Change from Request
116 EA-18	116,589	116,589	0
117 ELECTRONIC WARFARE DEVELOPMENT Historical underexecution	141,138	134,471 -6,667	-6,667
118 EXECUTIVE HELO DEVELOPMENT	45,645	45,645	0
119 NEXT GENERATION JAMMER (NGJ)	54,679	54,679	0
120 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY) Historical underexecution	329,787	326,587 -3,200	-3,200
121 NEXT GENERATION JAMMER (NGJ) INCREMENT II Program delay	301,737	154,002 -147,735	-147,735
122 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING Historical underexecution	347,233	336,705 -10,528	-10,528
124 SMALL DIAMETER BOMB (SDB)	42,881	42,881	0
125 STANDARD MISSILE IMPROVEMENTS	319,943	319,943	0
126 AIRBORNE MCM	10,882	10,882	0
127 NAVAL INTEGRATED FIRE CONTROL - COUNTER AIR SYSTEMS ENGINEERING Historical underexecution	45,892	43,548 -2,344	-2,344
129 ADVANCED ABOVE WATER SENSORS Historical underexecution	81,254	72,917 -8,337	-8,337
130 SSN-688 AND TRIDENT MODERNIZATION	93,501	93,501	0
131 AIR CONTROL	39,138	39,138	0
132 SHIPBOARD AVIATION SYSTEMS	11,759	11,759	0
133 COMBAT INFORMATION CENTER CONVERSION	11,160	11,160	0
134 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	87,459	87,459	0
135 ADVANCED ARRESTING GEAR (AAG)	151	151	0
136 NEW DESIGN SSN	307,585	307,585	0
137 SUBMARINE TACTICAL WARFARE SYSTEM	58,741	58,741	0
138 SHIP CONTRACT DESIGN/ LIVE FIRE T&E Historical underexecution	60,791	58,670 -2,121	-2,121
139 NAVY TACTICAL COMPUTER RESOURCES	4,177	4,177	0
140 MINE DEVELOPMENT	60,793	60,793	0
141 LIGHTWEIGHT TORPEDO DEVELOPMENT Project 2234 historical underexecution	142,000	140,111 -1,889	-1,889

R-1	Budget Request	Committee Recommended	Change from Request
142 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,618	8,618	0
143 USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV	45,025	45,025	0
144 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	7,454	7,454	0
145 JOINT STANDOFF WEAPON SYSTEMS	758	758	0
146 SHIP SELF DEFENSE (DETECT & CONTROL) Historical underexecution	159,426	152,768 -6,658	-6,658
147 SHIP SELF DEFENSE (ENGAGE: HARD KILL) Program increase - ALaMO block 1 projectile	71,818	91,818 20,000	20,000
148 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	92,687	92,687	0
149 INTELLIGENCE ENGINEERING	23,742	23,742	0
150 MEDICAL DEVELOPMENT Program increase - military dental research	3,178	13,178 10,000	10,000
151 NAVIGATION/ID SYSTEM Program increase - miniaturization IFF interrogation capability for expendable UAS	53,209	60,209 7,000	7,000
152 JOINT STRIKE FIGHTER (JSF) - EMD	611	611	0
153 JOINT STRIKE FIGHTER (JSF) - EMD	234	234	0
154 SSN(X)	143,949	143,949	0
155 INFORMATION TECHNOLOGY DEVELOPMENT	11,361	11,361	0
156 INFORMATION TECHNOLOGY DEVELOPMENT Program increase - digital twin development Program increase - warfare mission analysis in cyber contested environment Program increase - broadband network for Navy-owned research vessels Program increase - classified data exchange environment for submarines	290,353	313,103 7,000 5,000 8,000 2,750	22,750
157 ANTI-TAMPER TECHNOLOGY SUPPORT	7,271	7,271	0
158 TACAMO MODERNIZATION	554,193	554,193	0
159 CH-53K RDTE	220,240	220,240	0
160 MISSION PLANNING Program increase - multi-domain anti-submarine solutions	71,107	76,107 5,000	5,000
161 COMMON AVIONICS	77,960	77,960	0
162 SHIP TO SHORE CONNECTOR (SSC)	2,886	2,886	0
163 T-AO 205 CLASS	220	220	0

R-1	Budget Request	Committee Recommended	Change from Request
164 UNMANNED CARRIER AVIATION (UCA)	265,646	265,646	0
165 JOINT AIR-TO-GROUND MISSILE (JAGM)	371	371	0
166 MULTI-MISSION MARITIME AIRCRAFT (MMA)	37,939	37,939	0
167 MULTI-MISSION MARITIME (MMA) INCREMENT III	161,697	161,697	0
168 MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION Historical underexecution	94,569	91,501 -3,068	-3,068
169 JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM	2,856	2,856	0
170 DDG-1000 Prior year underexecution	197,436	184,674 -12,762	-12,762
171 COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW)	12,341	12,341	0
175 ISR & INFO OPERATIONS	135,366	135,366	0
176 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	37,038	37,038	0
177 THREAT SIMULATOR DEVELOPMENT	29,430	29,430	0
178 TARGET SYSTEMS DEVELOPMENT Historical underexecution	13,708	11,707 -2,001	-2,001
179 MAJOR T&E INVESTMENT Historical underexecution Program increase - joint simulation environment Program increase - real-time pulse-level modeling and simulation	95,316	111,371 -1,945 8,000 10,000	16,055
180 STUDIES AND ANALYSIS SUPPORT - NAVY	3,286	3,286	0
181 CENTER FOR NAVAL ANALYSES	40,624	40,624	0
183 TECHNICAL INFORMATION SERVICES	987	987	0
184 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT Historical underexecution	105,152	98,458 -6,694	-6,694
185 STRATEGIC TECHNICAL SUPPORT	3,787	3,787	0
186 RDT&E SHIP AND AIRCRAFT SUPPORT	173,352	173,352	0
187 TEST AND EVALUATION SUPPORT Historical underexecution Program increase - range safety improvements Program increase - future workforce innovation	468,281	469,579 -9,702 10,000 1,000	1,298
188 OPERATIONAL TEST AND EVALUATION CAPABILITY	27,808	27,808	0
189 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	27,175	27,175	0
190 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	7,186	7,186	0

R-1	Budget Request	Committee Recommended	Change from Request
191 MARINE CORPS PROGRAM WIDE SUPPORT	39,744	39,744	0
192 MANAGEMENT HQ - R&D	40,648	40,648	0
193 WARFARE INNOVATION MANAGEMENT	52,060	52,060	0
194 INSIDER THREAT	2,315	2,315	0
195 MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES)	1,811	1,811	0
198 SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY S	65,735	65,735	0
201 F-35 C2D2	525,338	525,338	0
202 F-35 C2D2	491,513	491,513	0
203 MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS	48,663	48,663	0
204 COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	156,121	156,121	0
205 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT Program increase - next generation strategic inertial measurement unit	284,502	294,502 10,000	10,000
206 SSBN SECURITY TECHNOLOGY PROGRAM	50,939	50,939	0
207 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	81,237	81,237	0
208 NAVY STRATEGIC COMMUNICATIONS	49,424	49,424	0
209 F/A-18 SQUADRONS Historical underexecution Program increase - beacon obsolescence issues Program increase - secure LVC advanced training environment Program increase - noise reduction research	238,974	250,860 -7,114 3,000 12,000 4,000	11,886
210 SURFACE SUPPORT	12,197	12,197	0
211 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	132,719	132,719	0
212 INTEGRATED SURVEILLANCE SYSTEM Historical underexecution Program increase - deployable surveillance systems	68,417	76,088 -8,829 14,500	7,671
213 SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	1,188	1,188	0
214 AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT)	1,789	1,789	0
215 GROUND/AIR TASK ORIENTED RADAR (GIATOR)	61,422	61,422	0
216 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT Historical underexecution	70,339	65,792 -4,547	-4,547
217 ELECTRONIC WARFARE (EW) READINESS SUPPORT Historical underexecution	47,436	42,954 -4,482	-4,482

R-1	Budget Request	Committee Recommended	Change from Request
218 ANTI-RADIATION MISSILE IMPROVEMENT Program increase - AARGM improvements	90,779	95,779 5,000	5,000
219 SURFACE ASW COMBAT SYSTEM INTEGRATION	28,999	28,999	0
220 MK-48 ADCAP APB 7/11-2 unjustified growth	155,868	139,054 -16,814	-16,814
221 AVIATION IMPROVEMENTS Program increase - FOD mitigation integration	130,450	145,450 15,000	15,000
222 OPERATIONAL NUCLEAR POWER SYSTEMS	121,439	121,439	0
223 MARINE CORPS COMMUNICATIONS SYSTEMS	114,305	114,305	0
224 COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)	14,865	14,865	0
225 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	100,536	100,536	0
226 MARINE CORPS COMBAT SERVICES SUPPORT Program increase - field-based airborne power generation systems	26,522	31,522 5,000	5,000
227 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	51,976	51,976	0
228 AMPHIBIOUS ASSAULT VEHICLE	8,246	8,246	0
229 TACTICAL AIM MISSILES	29,236	29,236	0
230 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	30,898	30,898	0
231 PLANNING AND DECISION AID SYSTEM (PDAS)	3,609	3,609	0
236 AFLOAT NETWORKS	45,693	45,693	0
237 INFORMATION SYSTEMS SECURITY PROGRAM	33,752	33,752	0
238 MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	8,415	8,415	0
239 TACTICAL UNMANNED AERIAL VEHICLES	10,576	10,576	0
240 UAS INTEGRATION AND INTEROPERABILITY	18,373	18,373	0
241 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	45,705	45,705	0
242 MQ-4C TRITON	13,893	13,893	0
243 MQ-8 UAV Program increase - data bus cybersecurity	0	7,000 7,000	7,000
244 RQ-11 UAV	1,234	1,234	0
245 SMALL (LEVEL 0) TACTICAL UAS (STUASL0)	3,761	3,761	0
247 MULTI-INTELLIGENCE SENSOR DEVELOPMENT	56,261	56,261	0

R-1	Budget Request	Committee Recommended	Change from Request
248 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	9,780	9,780	0
249 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	36,505	36,505	0
250 RQ-4 MODERNIZATION	163,277	163,277	0
251 INTELLIGENCE MISSION DATA (IMD)	851	851	0
252 MODELING AND SIMULATION SUPPORT	9,437	9,437	0
253 DEPOT MAINTENANCE (NON-IF) Program increase - joint enterprise data interoperability for F-35 depots	26,248	31,248 5,000	5,000
254 MARITIME TECHNOLOGY (MARITECH)	2,133	2,133	0
999 CLASSIFIED PROGRAMS Classified adjustment	1,701,811	2,365,311 663,500	663,500
256 RISK MANAGEMENT INFORMATION - SOFTWARE PILOT PROGRAM	12,810	12,810	0
257 MARITIME TACTICAL COMMAND AND CONTROL	11,198	11,198	0

RESILIENT AUTONOMOUS SYSTEMS RESEARCH AND WORKFORCE  
DIVERSITY

The Committee supports the Navy's continued investment in autonomous systems. However, recent emerging threats warrant additional investment in new technologies and a diverse workforce equipped with technical skills needed to defend autonomous systems against cyber-attack. The Committee recommendation includes an increase of \$8,500,000 for resilient autonomous systems research and workforce diversity.

TALENT AND TECHNOLOGY FOR NAVY POWER AND ENERGY SYSTEMS

The Committee supports the Navy's continued investment in next-generation integrated power and energy systems for future surface combatant ships. The Navy must now effectively integrate new power systems and controls technology and advance the knowledge and skill of its technical workforce in these important emergent ship power technologies. The Committee recommendation includes an increase of \$10,500,000 for workforce talent and technology development efforts in support of Navy integrated power and energy systems.

RESEARCH AND WORKFORCE PARTNERSHIPS FOR SUBMARINE AND  
UNDERSEA VEHICLE PROGRAMS

The Committee recommendation includes \$25,000,000 to build stronger partnerships between Navy research labs, warfighters, academia, and industry. The Assistant Secretary of the Navy (Research, Development and Acquisition) is directed to coordinate this effort with the Navy's industrial base partners to ensure that funded academic research projects are relevant to specific research, engineering, and manufacturing needs, as well as defined systems capabilities. The Assistant Secretary of the Navy (Research, Development, and Acquisition) is further directed to ensure that partnerships with academia focus on the specific submarine and autonomous undersea vehicle research needs, undersea technology acceleration and transition, and workforce development to ensure a sustainable undersea industrial base.

INFRARED TELESCOPE TECHNOLOGY

The Committee recognizes the importance of infrared telescope technology for northern sky surveys in the short-wave infrared H and K bands, astrophysics observations, Earth orbital debris, and space traffic management research. The Committee encourages the Secretary of the Navy to prioritize research for infrared telescope technology because the collection of critical stellar data supports future ground- and space-based defense systems.

ULTRA COMPACT HEAT EXCHANGERS

The Committee believes that the Department of the Navy would benefit from using ultra-compact heat exchangers in vehicle fleets and power systems in order to store greater quantities of heat while using less space and weight compared to existing technology. The Committee encourages the Secretary of the Navy to research

ultra-compact heat exchangers for use in future vehicle fleets and power systems.

LIGHTWEIGHT ANTI CORROSION NANOTECHNOLOGY COATING  
ENHANCEMENT

The Committee remains concerned about the high cost of corrosion to Department of Defense assets. The Services, particularly the Department of the Navy, face complex threats in the Indo-Pacific region that require military equipment and infrastructure to be resilient and have maximum operational availability. The Committee encourages the Secretary of the Navy to research lightweight, nanotechnology-based technologies that provide high corrosion resistance which will decrease the cost of corrosion and increase operational availability of military equipment and infrastructure.

STERN TUBE SEALS

The Committee remains concerned by data indicating a higher than desired failure rate of stern tube seals on some classes of Navy ships. Premature, partial, or complete failure of these stern tube seals may increase procurement costs, negatively affect combat readiness, and disrupt the cadence of major operation and maintenance intervals. The Committee encourages the Secretary of the Navy to partner with the appropriate shipyards and industry partners to design, prototype, and test new seals that are more durable, safe, and cost-effective. New stern tube seal designs should not require modifications to the stern tubes of existing classes of ships to ensure a cost-effective approach to developing and evaluating modernized seals.

ACOUSTIC MONITORING FOR THE PROTECTION OF MARINE MAMMALS

The Committee is concerned by the level of incidental takes of marine mammals in the Navy's Northwest Testing and Training Activities plan. The Committee encourages the Secretary of the Navy to use passive acoustic monitoring to detect southern resident orcas and other marine mammals during all active sonar training and testing exercises. The Committee also encourages the Secretary of the Navy to update the Navy's mitigation measures for testing and training activities to include, but not be limited to, expanding the no-use range of sonar to 0.5 nautical miles from any orcas or other marine mammals, incorporate a real-time whale alert system and manned spotter systems onboard Navy vessels, and establish seasonal limitations on the use of sonars in traditional whale and other marine mammal foraging areas.

COASTAL ENVIRONMENTAL RESEARCH

The Committee understands the importance of the littoral region to Navy operations worldwide and believes that testing and training must replicate the operational and threat environments that submarines and unmanned systems are likely to encounter in these areas. The Committee believes that additional research of the magnetic, electric, and acoustic ambient fields in the littoral 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 area.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR  
FORCE

Fiscal year 2023 budget request .....	\$44,134,301,000
Committee recommendation .....	43,173,883,000
Change from budget request .....	-960,418,000

The Committee recommends an appropriation of \$43,173,883,000 for Research, Development, Test and Evaluation, Air Force which will provide the following program in fiscal year 2023:

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

R-1	Budget Request	Committee Recommended	Change from Request
<b>1 DEFENSE RESEARCH SCIENCES</b>	<b>375,325</b>	<b>381,125</b>	<b>5,800</b>
Program increase - Space Force human performance optimization research		5,800	
<b>2 UNIVERSITY RESEARCH INITIATIVES</b>	<b>171,192</b>	<b>171,192</b>	<b>0</b>
<b>FUTURE AIR FORCE CAPABILITIES APPLIED RESEARCH</b>			
<b>4 RESEARCH</b>	<b>88,672</b>	<b>79,901</b>	<b>-8,771</b>
Transformational capability incubator unjustified growth		-8,771	
<b>5 MATERIALS</b>	<b>134,795</b>	<b>179,445</b>	<b>44,650</b>
Program increase - additive manufactured ceramic matrix composites		5,000	
Program increase - born qualified additive manufacturing		10,000	
Program increase - deployable passive cooling		5,000	
Program increase - flexible conductive materials		5,000	
Program increase - high and ultra-high temperature ceramic-matrix composites for hypersonics		10,000	
Program increase - maturation of carbon-carbon thermal protection systems		5,000	
Program increase - transparency repair program		4,650	
<b>6 AEROSPACE VEHICLE TECHNOLOGIES</b>	<b>159,453</b>	<b>189,453</b>	<b>30,000</b>
Program increase - collaborative hypersonic demonstration		10,000	
Program increase - educational partnership agreement for aerospace engineering systems security integration		10,000	
Program increase - educational partnership agreement for secure UAV technologies		10,000	
<b>7 HUMAN EFFECTIVENESS APPLIED RESEARCH</b>	<b>135,771</b>	<b>146,771</b>	<b>11,000</b>
Program increase - critical air transport technology expansion		7,000	
Program increase - special tactics support assessment		4,000	
<b>8 AEROSPACE PROPULSION</b>	<b>172,861</b>	<b>195,361</b>	<b>22,500</b>
Program increase - emergency power and cooling thermal management growth		9,500	
Program increase - modular cooling capacity for tactical aircraft		5,000	
Program increase - modular open system architecture for turbine engine technology		8,000	
<b>9 AEROSPACE SENSORS</b>	<b>192,733</b>	<b>216,833</b>	<b>24,100</b>
Program increase - automated legacy code modernization		4,100	
Program increase - heterogeneous integration of microelectronics		5,000	
Program increase - low cost sensors for UAVs		5,000	
Program increase - zero-trust environment for semiconductor technology		10,000	
<b>11 S&amp;T MANAGEMENT - MAJOR HQ ACTIVITIES</b>	<b>8,856</b>	<b>8,856</b>	<b>0</b>

R-1		Budget Request	Committee Recommended	Change from Request
12	<b>CONVENTIONAL MUNITIONS</b>	137,303	147,303	10,000
	Program increase - convergence technology research		10,000	
13	<b>DIRECTED ENERGY TECHNOLOGY</b>	109,302	100,947	-8,355
	Air Force requested transfer to RDTE, SF line 2		-8,355	
14	<b>DOMINANT INFORMATION SCIENCES AND METHODS</b>	166,041	216,041	50,000
	Program increase - ion trap quantum computing		20,000	
	Program increase - quantum network testbed		10,000	
	Program increase - secure quantum computing facility (CDM)		20,000	
	<b>FUTURE AIR FORCE INTEGRATED TECHNOLOGY</b>			
16	<b>DEMOS</b>	152,559	135,127	-17,432
	Future transformational capabilities unjustified growth		-22,432	
	Program increase - automated geospatial intelligence detection algorithms		5,000	
17	<b>ADVANCED MATERIALS FOR WEAPON SYSTEMS</b>	29,116	39,765	10,649
	Transformational technology unjustified request (BPAC 632100)		-1,244	
	Transformational technology unjustified request (BPAC 633153)		-1,273	
	Transformational technology unjustified request (BPAC 633946)		-1,834	
	Program increase - metals affordability research		10,000	
	Program increase - polymer printing technology for additive manufacturing		5,000	
18	<b>SUSTAINMENT S&amp;T</b>	10,695	10,662	-33
	Transformational technology development unjustified request		-33	
19	<b>ADVANCED AEROSPACE SENSORS</b>	36,997	37,917	920
	Transformational technology development unjustified request (BPAC 63655A)		-2,307	
	Transformational technology development unjustified request (BPAC 6369DF)		-2,373	
	Program increase - modular open system software testing		5,600	
20	<b>AEROSPACE TECHNOLOGY DEV/DEMO</b>	54,727	74,605	19,878
	Transformational technology development unjustified request (BPAC 634920)		-2,030	
	Transformational technology development unjustified request (BPAC 634927)		-10,422	
	Program increase - reusable hypersonic technology		10,000	
	Program increase - turbo air cool HTPEM hydrogen fuel cell development		12,330	
	Program increase - unmanned adversary air platform		10,000	

R-1		Budget Request	Committee Recommended	Change from Request
<b>21</b>	<b>AEROSPACE PROPULSION &amp; POWER TECHNOLOGY</b>	<b>64,254</b>	<b>67,210</b>	<b>2,956</b>
	Transformational technology development unjustified request (BPAC 633035)		-2,294	
	Transformational technology development unjustified request (BPAC 634093)		-1,160	
	Transformational technology development unjustified request (BPAC 634921)		-3,590	
	Program increase - altitude chamber infrastructure upgrades		5,000	
	Program increase - low spool generator capabilities		5,000	
<b>22</b>	<b>ELECTRONIC COMBAT TECHNOLOGY</b>	<b>33,380</b>	<b>31,037</b>	<b>-2,343</b>
	Transformational technology development unjustified request (BPAC 63431G)		-1,030	
	Transformational technology development unjustified request (BPAC 634335)		-704	
	Transformational technology development unjustified request (BPAC 63691X)		-609	
<b>23</b>	<b>SCIENCE &amp; TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS</b>	<b>39,431</b>	<b>20,000</b>	<b>-19,431</b>
	Lack of justification		-19,431	
<b>26</b>	<b>HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY</b>	<b>20,652</b>	<b>15,440</b>	<b>-5,212</b>
	Transformational technology development unjustified request (BPAC 635323)		-1,462	
	Transformational technology development unjustified request (BPAC 635324)		-1,317	
	Transformational technology development unjustified request (BPAC 635325)		-1,412	
	Transformational technology development unjustified request (BPAC 635327)		-1,021	
<b>27</b>	<b>CONVENTIONAL WEAPONS TECHNOLOGY</b>	<b>187,374</b>	<b>154,618</b>	<b>-32,756</b>
	Transformational component unjustified growth		-32,756	
<b>28</b>	<b>ADVANCED WEAPONS TECHNOLOGY</b>	<b>98,503</b>	<b>98,289</b>	<b>-214</b>
	Transformational technology development unjustified request		-5,214	
	Program increase - LIDAR CUAS automated target recognition		5,000	

R-1		Budget Request	Committee Recommended	Change from Request
29	<b>MANUFACTURING TECHNOLOGY PROGRAM</b>	47,759	166,259	118,500
	Program increase - academic-industry partnerships for advanced materials and manufacturing processes		6,000	
	Program increase - adaptive modeling for low-cost titanium		5,000	
	Program increase - additive manufacturing qualification		5,000	
	Program increase - beryllium additive manufacturing		3,000	
	Program increase - composites for advanced air mobility		10,000	
	Program increase - digital engineering work cell		5,000	
	Program increase - disruptive alloy metals development		10,000	
	Program increase - electromagnetic protected advanced lightweight multifunctional materials		5,000	
	Program increase - gallium oxide for high power electronics		5,000	
	Program increase - hypersonics supply chain research		10,000	
	Program increase - low cost rapid aerospace fabrication technology		6,500	
	Program increase - manufacturing technology for reverse engineering		5,000	
	Program increase - MRO advanced process technology development		10,000	
	Program increase - smart manufacturing digital thread initiative		10,000	
	Program increase - technologies to repair fastener holes		5,000	
	Program increase - trusted metal additive manufacturing		10,000	
	Program increase - virtual augmented mixed reality readiness		8,000	
30	<b>BATTLESPACE KNOWLEDGE DEV/DEMO</b>	51,824	61,824	10,000
	Program increase - assured communication and networks		10,000	
31	<b>ARMAMENT DEMONSTRATION AND VALIDATION</b>	125,688	75,688	-50,000
	Lack of clear strategy, requirements, or execution plan		-50,000	
32	<b>INTELLIGENCE ADVANCED DEVELOPMENT</b>	6,101	6,101	0
33	<b>COMBAT IDENTIFICATION TECHNOLOGY</b>	17,318	17,318	0
34	<b>NATO RESEARCH AND DEVELOPMENT</b>	4,295	4,295	0
35	<b>ICBM DEM/VAL</b>	46,432	46,432	0
36	<b>NC3 ADVANCED CONCEPTS</b>	5,098	5,098	0
38	<b>ADVANCED BATTLE MANAGEMENT SYSTEM</b>	231,408	231,408	0
39	<b>ADVANCED ENGINE DEVELOPMENT</b>	353,658	353,658	0
	Air Force requested realignment to NGAP from AETP		-152,800	
	Air Force requested realignment from AETP to NGAP		152,800	
40	<b>DEPT OF THE AIR FORCE TECH ARCHITECTURE</b>	66,615	50,000	-16,615
	Program growth		-16,615	

R-1		Budget Request	Committee Recommended	Change from Request
41	<b>LONG RANGE STRIKE - BOMBER</b> Excess to need	3,253,584	3,143,584 -110,000	-110,000
42	<b>DIRECTED ENERGY PROTOTYPING</b>	4,269	4,269	0
43	<b>HYPERSONICS PROTOTYPING</b> Terminate ARRW flight test after ATF-1 Transfer HACM funding to line 44	431,868	24,981 -90,000 -316,887	-406,887
44	<b>HYPERSONIC ATTACK CRUISE MISSILE (HACM)</b> Transfer from line 43	144,891	461,778 316,887	316,887
45	<b>PNT RESILIENCY, MODS, AND IMPROVEMENTS</b>	12,010	12,010	0
46	<b>ADVANCED TECHNOLOGY AND SENSORS</b>	13,311	13,311	0
47	<b>SURVIVABLE AIRBORNE OPERATIONS CENTER</b> Projected late contract award and lack of fidelity on budgetary requirements for EMD	203,213	123,213 -80,000	-80,000
48	<b>TECHNOLOGY TRANSFER</b>	16,759	16,759	0
49	<b>HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM</b>	106,826	106,826	0
50	<b>CYBER RESILIENCY OF WEAPON SYSTEMS-ACS</b>	44,526	44,526	0
51	<b>JOINT TRANSPORTATION MANAGEMENT SYSTEM</b> Product development ahead of need	51,758	27,758 -24,000	-24,000
52	<b>DEPLOYMENT &amp; DISTRIBUTION ENTERPRISE</b>	27,586	27,586	0
53	<b>TECH TRANSITION PROGRAM</b> Blended wing body funded in FY22 Air Force requested transfer to AP,AF line 36 for C-17 engine pylon fairings Air Force requested transfer to AP,AF line 36 for C-17 microvanes Air Force requested transfer to AP,AF line 49 for C-130 finlets Air Force requested transfer to AP,AF line 51 for KC-135 aft body drag reduction Air Force requested transfer to AP,AF line 51 for KC-135 vertical windshield wipers Air Force requested transfer to line 54 Program increase - advanced rotary engine hybrid power system Program increase - operational additive manufacturing capabilities	649,545	596,345 -15,000 -2,500 -3,000 -17,500 -11,500 -8,000 -15,500 10,000 9,800	-53,200
54	<b>OPERATIONAL ENERGY AND INSTALLATION RESILIENCE</b> Air Force requested transfer from line 53 Program increase - hydrogen fuel cell microgrid technology	0	25,500 15,500 10,000	25,500

R-1		Budget Request	Committee Recommended	Change from Request
56	NEXT GENERATION AIR DOMINANCE	1,657,733	1,657,733	0
57	AUTONOMOUS COLLABORATIVE PLATFORMS	51,747	51,747	0
58	COMBAT IDENTIFICATION	1,866	1,866	0
59	3DELRR	14,490	14,490	0
60	AIR BASE DEFENSE SYSTEM (ABADS)	52,498	52,498	0
61	WAR RESERVE MATERIEL - AMMUNITION	10,288	10,288	0
64	CDL EXECUTIVE AGENT	37,460	37,460	0
65	MISSION PARTNER ENVIRONMENTS	17,378	17,378	0
66	CYBER OPERATIONS TECHNOLOGY SUPPORT	234,576	234,576	0
67	ENABLED CYBER ACTIVITIES	16,728	16,728	0
69	RAPID SUSTAINMENT MODERNIZATION (RSM)	0	31,000	31,000
	Program increase - fused deposition modeling next generation missile manufacturing		18,000	
	Program increase - laser metal deposition powder for turbine engine component restoration		13,000	
70	CVV INTEGRATED PREVENTION	9,315	9,315	0
71	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	14,050	14,050	0
72	U.S. SPACE COMMAND R&D SUPPORT	10,350	10,350	0
73	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	9,879	9,879	0
74	PNT RESILIENCY, MODS, AND IMPROVEMENTS	176,824	176,824	0
75	NUCLEAR WEAPONS SUPPORT	64,425	64,425	0
76	ELECTRONIC WARFARE DEVELOPMENT	2,222	7,222	5,000
	Program increase - next generation ultra wideband receiver for radar jammer		5,000	
77	TACTICAL DATA NETWORKS ENTERPRISE	133,117	139,617	6,500
	Program increase - software programmable open mission systems compliant radio		6,500	
78	PHYSICAL SECURITY EQUIPMENT	8,493	8,493	0
79	ARMAMENT/ORDNANCE DEVELOPMENT	5,279	5,279	0
80	SUBMUNITIONS	3,273	3,273	0

R-1		Budget Request	Committee Recommended	Change from Request
81	AGILE COMBAT SUPPORT	14,252	14,252	0
83	LIFE SUPPORT SYSTEMS	47,442	47,442	0
84	COMBAT TRAINING RANGES	91,284	91,284	0
86	LONG RANGE STANDOFF WEAPON Program growth	928,850	848,850 -80,000	-80,000
93	ICBM FUZE MODERNIZATION	98,376	98,376	0
88	JOINT TACTICAL NETWORK CENTER (JTNC)	2,222	2,222	0
89	OPEN ARCHITECTURE MANAGEMENT	38,222	38,222	0
90	ADVANCED PILOT TRAINING Government test ahead of need	37,121	33,621 -3,500	-3,500
91	HH-60W (CRH) Modernization delays	58,974	44,574 -14,400	-14,400
92	GROUND BASED STRATEGIC DETERRENT Excess program growth	3,614,290	3,527,793 -86,497	-86,497
94	F-15 EPAWSS Underexecution due to contract conversion	67,956	53,456 -14,500	-14,500
	ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY	27,881	27,881	0
96	STAND IN ATTACK WEAPON Program delays	283,152	263,152 -20,000	-20,000
97	FULL COMBAT MISSION TRAINING Program increase - visual capabilities for live, virtual, and constructive air combat training systems	3,028	12,528 9,500	9,500
102	KC-46A TANKER SQUADRONS PACS delays Transfer to line 102A for KC-Y	197,510	176,229 -10,000 -11,281	-21,281
102A	KC-Y Transfer from line 102	0	11,281 11,281	11,281
103	VC-25B Program delays	492,932	397,932 -95,000	-95,000
104	AUTOMATED TEST SYSTEMS	16,664	16,664	0
105	TRAINING DEVELOPMENTS	15,138	15,138	0
107	NEXT GENERATION OPIR	148	148	0



R-1	Budget Request	Committee Recommended	Change from Request
108 THREAT SIMULATOR DEVELOPMENT	21,067	21,067	0
109 MAJOR T&E INVESTMENT	44,714	171,314	126,600
Program increase - Air Force unfunded priority to enhance hypersonic testing capacity and capability		126,600	
110 RAND PROJECT AIR FORCE	37,921	37,921	0
111 SMALL BUSINESS INNOVATION RESEARCH	86	0	-86
Programming error		-86	
112 INITIAL OPERATIONAL TEST AND EVALUATION	13,926	13,926	0
113 TEST AND EVALUATION SUPPORT	826,854	841,854	15,000
Program increase - Air Force unfunded priority to enhance hypersonic testing capacity and capability		15,000	
ACQUISITION WORKFORCE - GLOBAL VIGILANCE AND COMBAT SYSTEMS	255,995	255,995	0
115			
116 ACQUISITION WORKFORCE - GLOBAL REACH	457,589	457,589	0
ACQUISITION WORKFORCE - CYBER, NETWORK, AND BUSINESS SYSTEMS	459,223	459,223	0
117			
ACQUISITION WORKFORCE - GLOBAL BATTLE MANAGEMENT	3,696	3,696	0
118			
ACQUISITION WORKFORCE - CAPABILITY INTEGRATION	229,610	229,610	0
119			
ACQUISITION WORKFORCE - ADVANCED PROGRAM TECHNOLOGY	92,648	92,648	0
120			
121 ACQUISITION WORKFORCE - NUCLEAR SYSTEMS	241,226	241,226	0
122 MANAGEMENT HQ - R&D	4,347	4,347	0
FACILITIES RESTORATION AND MODERNIZATION - T&E SUPPORT	77,820	133,420	55,600
123			
Program increase - Air Force unfunded priority to enhance hypersonic testing capacity and capability		55,600	
FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT	31,561	31,561	0
124			
125 REQUIREMENTS ANALYSIS AND MATURATION	101,844	101,844	0
126 MANAGEMENT HQ - T&E	6,285	6,285	0
SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	556	556	0
127			

R-1	Budget Request	Committee Recommended	Change from Request
128 C4 - STRATCOM	15,559	25,559	10,000
Program increase - NC3 rapid engineering architecture collaboration hub		10,000	
129 ENTERPRISE INFORMATION SERVICES	83,231	83,231	0
130 ACQUISITION AND MANAGEMENT SUPPORT	24,306	31,306	7,000
Program increase - document generation platform		7,000	
131 GENERAL SKILL TRAINING	871	871	0
134 INTERNATIONAL ACTIVITIES	2,593	2,593	0
136 SUFT	18,037	18,037	0
138 AGILE COMBAT SUPPORT	8,199	8,199	0
139 DEPLOYMENT & DISTRIBUTION ENTERPRISE	156	156	0
140 F-35 C2D2	1,014,708	1,089,708	75,000
Program increase - F135 engine enhancement		75,000	
141 AF-IPPS	37,901	37,901	0
142 ANTI-TAMPER TECHNOLOGY EA	50,066	50,066	0
143 FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	80,338	80,338	0
144 HC/MC-130 RECAP	47,994	47,994	0
145 NC3 INTEGRATION	23,559	23,559	0
147 B-52 SQUADRONS	770,313	734,807	-35,506
CERP underexecution		-16,335	
VLF/ILF underexecution		-5,000	
AEHF delays		-3,325	
Quad Crew delays and growth		-10,846	
148 ALCM	571	571	0
149 B-1B SQUADRONS	13,144	20,044	6,900
Radio crypto delays		-3,100	
Program increase - hypersonic integration		10,000	
150 B-2 SQUADRONS	111,990	111,990	0
151 MINUTEMAN SQUADRONS	69,650	69,650	0
152 WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	22,725	22,725	0
153 ISPAN	3,180	32,253	29,073
Transfer from line 278		29,073	

R-1	Budget Request	Committee Recommended	Change from Request
154 ICBM REENTRY VEHICLES	118,616	115,616	-3,000
Excess to need		-3,000	
156 UH-1N REPLACEMENT	17,922	15,922	-2,000
PE/PI ahead of need		-2,000	
157 RSOC MODERNIZATION	451	451	0
158 NORTH WARNING SYSTEM (NWS)	76,910	76,910	0
159 OVER-THE-HORIZON BACKSCATTER RADAR	12,210	12,210	0
160 VEHICLES AND SUPPORT EQUIPMENT - GENERAL	14,483	14,483	0
161 MQ-9	98,499	149,999	51,500
Program increase - MQ-9 modernization		31,500	
Program increase - disaggregated AMTI development		20,000	
162 JOINT COUNTER RCIED ELECTRONIC WARFARE	1,747	1,747	0
163 MULTI-PLATFORM EW EQUIPMENT	23,195	23,195	0
164 A-10 SQUADRONS	72,393	64,593	-7,800
CICS award delays		-7,800	
165 F-16 SQUADRONS	244,696	249,696	5,000
Program increase - lithium battery replacement for F-16 hydrazine emergency power units		5,000	
166 F-15 SQUADRONS	213,272	182,491	-30,781
OFP - CD&I contract award delay		-26,400	
Digital color display lack of clear acquisition plan		-4,381	
167 MANNED DESTRUCTIVE SUPPRESSION	16,695	16,695	0
168 F-22 SQUADRONS	559,709	559,709	0
169 F-35 SQUADRONS	70,730	65,730	-5,000
QRIP inadequate justification		-5,000	
170 F-15EX	83,830	83,830	0
171 TACTICAL AIM MISSILES	34,536	34,536	0
172 AMRAAM	52,704	52,704	0
173 COMBAT RESCUE - PARARESCUE	863	863	0
174 TENCAP	23,309	23,309	0
175 PRECISION ATTACK SYSTEMS PROCUREMENT	12,722	12,722	0
176 COMPASS CALL	49,054	49,054	0

R-1	Budget Request	Committee Recommended	Change from Request
177 ENGINE CIP	116,087	136,087	20,000
Program increase - BPAC 671012		10,000	
Program increase - F135		10,000	
178 JASSM	117,198	117,198	0
179 SMALL DIAMETER BOMB	27,713	27,713	0
180 AIR AND SPACE OPERATIONS CENTER	0	79,549	79,549
Transfer from line 279		79,549	
181 CONTROL AND REPORTING CENTER	6,615	6,615	0
182 AWACS	239,658	11,882	-227,776
Transfer to line 182A for AWACS replacement		-226,776	
CNU carryover		-1,000	
182A AWACS REPLACEMENT	0	206,776	206,776
Transfer from line 182		226,776	
Rephase AWACS funding for likely execution		-20,000	
183 AFSPECWAR - TACP	5,982	5,982	0
185 COMBAT AIR INTELLIGENCE SYSTEM	23,504	29,704	6,200
Program increase - geospatial infrastructure for ISR wing		6,200	
186 THEATER BATTLE MANAGEMENT C4I	5,851	5,851	0
187 EWIR	15,990	15,990	0
188 TACP-MOD	10,315	10,315	0
189 DCAPEs	8,049	8,049	0
190 AIR FORCE CALIBRATION PROGRAMS	2,123	2,123	0
192 NATIONAL TECHNICAL NUCLEAR FORENSICS	2,039	2,039	0
193 SEEK EAGLE	32,853	32,853	0
194 USAF MODELING AND SIMULATION	19,341	19,341	0
195 WARGAMING AND SIMULATION CENTERS	7,004	7,004	0
197 DISTRIBUTED TRAINING AND EXERCISES	4,628	4,628	0
198 MISSION PLANNING SYSTEMS	99,214	99,214	0
199 TACTICAL DECEPTION	17,074	24,574	7,500
Program increase - radar modeling		7,500	

R-1	Budget Request	Committee Recommended	Change from Request
200 OPERATIONAL HQ - CYBER	2,347	5,347	3,000
Program increase - command and control of the information environment		3,000	
201 DISTRIBUTED CYBER WARFARE OPERATIONS	76,592	76,592	0
202 AF DEFENSIVE CYBERSPACE OPERATIONS	8,367	0	-8,367
Programming error		-8,367	
203 JOINT CYBER COMMAND AND CONTROL	80,740	80,740	0
204 UNIFIED PLATFORM	107,548	107,548	0
208 INTEL DATA APPLICATIONS	1,065	1,065	0
209 GEOBASE	2,928	2,928	0
210 NUCLEAR PLANNING AND EXECUTION SYSTEM	0	16,200	16,200
Transfer from line 278		16,200	
211 CYBER SECURITY INTELLIGENCE SUPPORT	8,972	8,972	0
218 NON-TRADITIONAL ISR	3,069	3,069	0
219 E-4B NAOC	25,701	25,701	0
220 MEECN	41,171	41,171	0
221 ISSP	70,582	70,582	0
224 JOINT MILITARY DECEPTION INITIATIVE	2,588	2,588	0
226 AIRBORNE SIGINT ENTERPRISE	108,528	115,528	7,000
Program increase - special projects		7,000	
227 COMMERCIAL ECONOMIC ANALYSIS	4,542	4,542	0
230 C2 AIR OPERATIONS SUITE - C2 INFO SERVICES	8,097	8,097	0
231 CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,751	1,751	0
232 ISR MODERNIZATION & AUTOMATION DEVELOPMENT	13,138	13,138	0
233 GATM	4,895	4,895	0
234 CYBER SECURITY INITIATIVE	91	91	0
235 WEATHER SERVICE	11,716	24,716	13,000
Program increase - commercial weather data pilot		10,000	
Program increase - atmospheric rivers research		3,000	
236 ATCALs	8,511	8,511	0

R-1	Budget Request	Committee Recommended	Change from Request
237 AERIAL TARGETS	1,365	1,365	0
240 SECURITY AND INVESTIGATIVE ACTIVITIES	223	223	0
241 DEFENSE JOINT COUNTERINTELLIGENCE	8,328	8,328	0
243 IBS	22,123	22,123	0
244 U-2	20,170	20,170	0
245 AIRBORNE RECONNAISSANCE SYSTEMS Program increase - wide area motion imagery	55,048	60,048 5,000	5,000
246 MANNED RECONNAISSANCE SYSTEMS	14,590	14,590	0
247 DCGS	26,901	26,901	0
248 RQ-4	68,801	68,801	0
249 NETWORK-CENTRIC COLLABORATIVE TARGETING	17,564	17,564	0
250 NATO AGS	826	826	0
251 SUPPORT TO DCGS ENTERPRISE	28,774	28,774	0
INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES	15,036	15,036	0
252 ARCHITECTURES	15,036	15,036	0
253 RAPID CYBER ACQUISITION	3,739	3,739	0
254 PERSONNEL RECOVERY C2	2,702	2,702	0
255 INTELLIGENCE MISSION DATA	6,332	6,332	0
256 C-130 SQUADRONS	407	407	0
257 C-5 SQUADRONS RCMD delays	6,100	3,100 -3,000	-3,000
258 C-17 SQUADRONS BLOS underexecution and program growth	25,387	20,387 -5,000	-5,000
259 C-130J MILSATCOM modernization delays	11,060	10,060 -1,000	-1,000
260 LAIRCM	2,909	2,909	0
261 KC-135	12,955	12,955	0
262 CV-22	10,121	10,121	0
263 SPECIAL TACTICS/COMBAT CONTROL	6,297	6,297	0

R-1		Budget Request	Committee Recommended	Change from Request
264	MAINTENANCE, REPAIR AND OVERHAUL SYSTEM	19,892	19,892	0
265	LOGISTICS INFORMATION TECHNOLOGY (LOGIT) Program increase - tagless IUID	5,271	7,271 2,000	2,000
267	OTHER FLIGHT TRAINING	2,214	2,214	0
269	JOINT PERSONNEL RECOVERY AGENCY	2,164	2,164	0
270	CIVILIAN COMPENSATION PROGRAM	4,098	4,098	0
271	PERSONNEL ADMINISTRATION	3,191	3,191	0
272	AIR FORCE STUDIES AND ANALYSIS AGENCY	899	899	0
	FINANCIAL MANAGEMENT INFORMATION SYSTEMS			
273	DEVELOPMENT	5,421	5,421	0
276	SERVICE SUPPORT TO SPACECOM	13,766	13,766	0
999	CLASSIFIED PROGRAMS	17,240,641	16,612,340	-628,301
	Classified adjustment		-610,301	
	Classified adjustment		-18,000	
	STRATEGIC MISSION PLANNING AND EXECUTION			
278	SYSTEM	100,167	0	-100,167
	Transfer to OM,AF line 15D		-49,938	
	Transfer to OP,AF line 23		-216	
	Transfer to OP,AF line 27		-4,740	
	Transfer to line 153		-29,073	
	Transfer to line 210		-16,200	
279	AIR & SPACE OPERATIONS CENTER (AOC)	177,827	0	-177,827
	Transfer to OM,AF line 11C		-79,136	
	Transfer to OP,AF line 44		-19,142	
	Transfer to line 180		-79,549	
280	DEAMS - SOFTWARE PILOT PROGRAM (0608920F) Efficiencies from software pilot funding approach	136,202	129,392	-6,810
			-6,810	
281	DISTRIBUTED CYBER WARFARE OPERATIONS Programming error	37,346	0	-37,346
			-37,346	
	AIR FORCE DEFENSIVE CYBER SYSTEMS (AFDCS) -			
282	SOFTWARE PILOT PROGRAM (0308605F) Efficiencies from software pilot funding approach	240,926	228,880	-12,046
			-12,046	
	ALL DOMAIN COMMON PLATFORM (ADCP) -			
283	SOFTWARE PILOT PROGRAM (0308606F) Efficiencies from software pilot funding approach	190,112	180,607	-9,505
			-9,505	

R-1	Budget Request	Committee Recommended	Change from Request	
AIR FORCE WEATHER PROGRAMS - SOFTWARE PILOT				
284	PROGRAM (0308607F)	58,063	55,160	-2,903
	Efficiencies from software pilot funding approach		-2,903	
ELECTRONIC WARFARE INTEGRATED				
REPROGRAMMING (EWIR) - SOFTWARE PILOT				
285	PROGRAM (0308608F)	5,794	5,505	-289
	Efficiencies from software pilot funding approach		-289	



## AIR FORCE NUCLEAR MODERNIZATION

The Committee's recommendation provides \$9,353,925,000 in this account and Air Force procurement accounts for the Service's three major nuclear modernization programs, the B-21 bomber, the Ground Based Strategic Deterrent (GBSD) and the Long Range Standoff Weapon (LRSO). The Committee notes that the fiscal year 2023 budget requests for research, development, test and evaluation for all three programs have grown significantly from the amounts projected in the fiscal year 2021-2025 future years defense plan (FYDP), the last FYDP that was submitted to Congress prior to the fiscal year 2023 budget request. The total growth in the amount requested for these three programs in fiscal year 2023 is slightly under \$1,700,000,000. The fiscal year 2023 budget for LRSO represents growth of 135 percent over the amount projected in the fiscal year 2021-2025 FYDP. The Committee further notes that Department of Defense and Air Force officials have cited the need to "fully fund" nuclear modernization as a partial reason for decreases in conventional acquisition programs such as the F-35A.

Because the FYDP was not submitted with the fiscal year 2022 budget request, the budget justification and other program material submitted to Congress with the fiscal year 2023 budget request makes it difficult for the Committee to track this budget growth and the reasons for it. While the Committee's recommendation is evidence of its support for nuclear modernization, this support does not extend to rubber stamping the request and the Committee is not convinced that the budget growth reflected in the request is necessary to meet these programs' threshold or objective schedules. The Committee therefore directs the Secretary of the Air Force to submit a report to the House and Senate Appropriations Committees, not later than October 31, 2022, that explains the growth in the fiscal year 2023 research, development, test and evaluation budget requests for the B-21 (Long Range Strike-Bomber), GBSD, and LRSO programs between the fiscal year 2021-2025 FYDP and fiscal year 2023-2027 FYDP. The report shall categorize explanations as follows: fact-of-life changes, such as pricing inflation and other economic adjustments and higher-than-expected contractor proposals; program cost items not previously accounted for in the fiscal year 2021-2025 FYDP; changes in independent cost estimates and their year-by-year impact on annual funding requirements through the FY 2023-2027 FYDP; deliberate programmatic decisions, such as accelerating scheduled events or increasing required test assets; and other explanations the Air Force deems relevant. Further, the report shall explain why these increases are necessary to maintain the threshold or objective schedules for each program. The report may be submitted in classified form or with a classified annex, as necessary.

## KC-Y

The Committee's recommendation includes \$11,281,000, the same as the request, for the KC-Y or "bridge tanker" effort. The funds were submitted within the program element for KC-46A, but the Committee recommends these funds be realigned to a separate program element for greater transparency. The Committee under-

stands the Air Force will use this funding to stand up a system program office in anticipation of awarding a development contract for the KC-Y in fiscal year 2025. While the Committee understands the Air Force has not committed to an acquisition strategy for KC-Y, it is concerned that the funding allocated over the fiscal year 2023–2027 future years defense plan (FYDP) is insufficient to support a competitive acquisition approach. The Committee directs the Secretary of the Air Force to submit a report on funding for the KC-Y program to the congressional defense committees not later than 30 days after the submission of the fiscal year 2024 President’s budget request. This report shall identify the requested funding for KC-Y in the fiscal year 2024–2028 FYDP by year and appropriation; provide a status update on the development of the acquisition strategy; and identify any funding gaps, by year and appropriation, needed to support a full and open competition for KC-Y.

#### MQ-9 MULTI DOMAIN OPERATIONS

The Committee understands the Air Force intends by 2027 to field, through a combination of new production aircraft cut-in modifications and retrofits, 77 MQ-9 Block 5 aircraft with upgraded capabilities that fall under the MQ-9 Multi-Domain Operations (M2DO) configuration. The Committee further understands that these capabilities represent a portion of capabilities that fall under either the baseline M2DO or a “phase two” set of capabilities, but that not all these capabilities are funded in the future years defense plan (FYDP).

The Committee directs the Secretary of the Air Force to submit a report on the M2DO effort to the congressional defense committees not later than 60 days after the submission of the fiscal year 2024 President’s Budget. First, the report shall detail the Air Force’s plan to field 77 MQ-9 aircraft in the currently planned M2DO configuration, with a table displaying the annual plan for fielding M2DO-configured aircraft through both new production and retrofits until completion. Second, the report shall provide a plan to develop and field additional M2DO capabilities, including “phase two” capabilities, by the end of the fiscal year 2024–2028 FYDP. This section of the report preferably will group such capabilities by technical risk, and identify the annual research, development, test and evaluation and procurement funding required to field those capabilities within the specified timeline.

Furthermore, for each group of capabilities, the report shall identify the funding required to field those capabilities for a fleet of 77 aircraft as planned by the Air Force; a fleet that would support operational demands supported by the Air Force as of the fiscal year 2023 budget request; a fleet that would support operational demands projected at the end of the 2024–2028 FYDP; and the full projected inventory, disregarding any proposed divestments, at the end of the 2024–2028 FYDP. This report may be submitted in classified form, or with a classified annex, as necessary.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION,  
SPACE FORCE

Fiscal year 2023 budget request .....	\$15,819,372,000
Committee recommendation .....	15,461,468,000
Change from budget request .....	-357,904,000

The Committee recommends an appropriation of \$15,461,468,000 for Research, Development, Test and Evaluation, Space Force which will provide the following program in fiscal year 2023:

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

R-1		Budget Request	Committee Recommended	Change from Request
<b>2</b>	<b>SPACE TECHNOLOGY</b>	<b>243,737</b>	<b>286,492</b>	<b>42,755</b>
	DAF requested transfer from RDTE,AF line 13		8,355	
	Radiation hard electronics inadequate justification		-4,400	
	Resilient PNT inadequate justification		-10,200	
	Program increase - thin-film photovoltaic energy		3,000	
	Program increase - university consortia for space technology		10,000	
	Program increase - university research for next generation small satellite technology		20,000	
	Program increase - next generation multiband space array antenna		10,000	
	Program increase - advanced analog microelectronics		3,000	
	Program increase - Hall multi-mode propulsion		3,000	
	Program increase - hybrid space architecture		5,000	
<b>3</b>	<b>SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT</b>	<b>460,820</b>	<b>434,820</b>	<b>-26,000</b>
	Program reduction - follow-on tranches		-26,000	
<b>4</b>	<b>SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMONSTRATION</b>	<b>103,395</b>	<b>146,168</b>	<b>42,773</b>
	DAF requested transfer from line 42 for Maui Space Surveillance System		2,773	
	Program increase - Laser communication downlink systems		25,000	
	Program increase - commercial space access improvements		5,000	
	Program increase - additive manufacturing of solid rocket propellant		3,000	
	Program increase - tridyne multi-mode propulsion		3,000	
	Project increase - space research hub		4,000	
<b>5</b>	<b>SPACE FORCE WEATHER SERVICES RESEARCH</b>	<b>816</b>	<b>816</b>	<b>0</b>
<b>6</b>	<b>NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)</b>	<b>382,594</b>	<b>382,594</b>	<b>0</b>
<b>7</b>	<b>SPACE WARFIGHTING ANALYSIS</b>	<b>44,791</b>	<b>44,791</b>	<b>0</b>
<b>8</b>	<b>EO/IR WEATHER SYSTEMS</b>	<b>96,519</b>	<b>96,519</b>	<b>0</b>
<b>10</b>	<b>SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING</b>	<b>986,822</b>	<b>962,722</b>	<b>-24,100</b>
	Classified adjustment		-46,600	
	Program increase - space resiliency payloads		22,500	
<b>12</b>	<b>SPACE SITUATION AWARENESS SYSTEMS</b>	<b>230,621</b>	<b>221,421</b>	<b>-9,200</b>
	Reduce growth		-9,200	
<b>13</b>	<b>SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)</b>	<b>106,252</b>	<b>96,022</b>	<b>-10,230</b>
	Inadequate justification - digital engineering interconnected cloud-based ecosystem		-10,230	
<b>14</b>	<b>SPACE CONTROL TECHNOLOGY</b>	<b>57,953</b>	<b>50,453</b>	<b>-7,500</b>
	Inadequate justification		-9,500	
	Program increase - high-thrust gridded ion engine		2,000	

R-1	Budget Request	Committee Recommended	Change from Request
16	SPACE SECURITY AND DEFENSE PROGRAM Unjustified increase	59,169 56,600	-2,569
17	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) Unjustified increase	121,069 111,169	-9,900
18	PROTECTED TACTICAL SERVICE (PTS) Unjustified increase	294,828 279,628	-15,200
19	EVOLVED STRATEGIC SATCOM (ESS) Unjustified increase	565,597 542,097	-23,500
20	SPACE RAPID CAPABILITIES OFFICE Program increase - hyper-converged edge computing	45,427 54,427	9,000
21	GPS III FOLLOW-ON (GPS IIIIF) Unjustified increase - GPS IIIIF	325,927 318,727	-7,200
22	SPACE SITUATION AWARENESS OPERATIONS Program increase - artificial intelligence and autonomy for data analytics and sensor systems	49,628 54,628	5,000
23	COUNTERSPACE SYSTEMS	21,848 21,848	0
24	WEATHER SYSTEM FOLLOW-ON	48,870 48,870	0
25	SPACE SITUATION AWARENESS SYSTEMS Management services excess to need	105,140 95,740	-9,400
26	ADVANCED EHF MILSATCOM (SPACE)	11,701 11,701	0
27	POLAR MILSATCOM (SPACE)	67,465 67,465	0
28	WIDEBAND GLOBAL SATCOM (SPACE)	48,438 48,438	0
30	NEXT GENERATION OPIR DAF requested transfer to line 31 for Next-Gen OPIR - GEO DAF requested transfer to line 32 for Next-Gen OPIR - Polar Space modernization initiative inadequate justification	3,479,459 839,130 -1,713,933 -899,196 -27,200	-2,640,329
31	NEXT-GEN OPIR -- GEO DAF requested transfer from line 30 for Next-Gen OPIR - GEO	0 1,713,933 1,713,933	1,713,933
32	NEXT-GEN OPIR -- POLAR DAF requested transfer from line 30 for Next-Gen OPIR - Polar	0 899,196 899,196	899,196
33	COMMERCIAL SATCOM (COMSATCOM) INTEGRATION	23,513 23,513	0
34	RESILIENT MISSILE WARNING MISSILE TRACKING - LOW EARTH ORBIT (LEO) DAF requested transfer from line 36	499,840 525,637 25,797	25,797

R-1	Budget Request	Committee Recommended	Change from Request
35	RESILIENT MISSILE WARNING MISSILE TRACKING - MEDIUM EARTH ORBIT (MEO) DAF requested transfer from line 36 MEO ground inadequate justification	139,131 262,730 164,799 -41,200	123,599
36	RESILIENT MISSILE WARNING MISSILE TRACKING - INTEGRATED GROUND SEGMENT DAF requested transfer to Proc.SF line 20 DAF requested transfer to line 34 DAF requested transfer to line 35	390,596 0 -200,000 -25,797 -164,799	-390,596
37	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD Program increase - space mobility and logistics	124,103 154,103 30,000	30,000
39	SPACE TEST AND TRAINING RANGE DEVELOPMENT	21,453 21,453	0
40	ACQ WORKFORCE - SPACE & MISSILE SYSTEMS	253,716 253,716	0
41	SPACE & MISSILE SYSTEMS CENTER - MHA	13,962 13,962	0
42	SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEM DAF requested transfer to line 4 for Maui Space Surveillance System	2,773 0 -2,773	-2,773
43	MAJOR T&E INVESTMENT - SPACE	89,751 89,751	0
44	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	17,922 17,922	0
45	TACTICALLY RESPONSIVE LAUNCH Program increase	0 25,000 25,000	25,000
46	SPACE TEST PROGRAM (STP)	25,366 25,366	0
48	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	5,321 5,321	0
49	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	128,243 128,243	0
50	DCO-SPACE	28,162 28,162	0
51	NARROWBAND SATELLITE COMMUNICATIONS Inadequate justification - early design activities Program increase - L-Band communications	165,892 144,392 -24,500 3,000	-21,500
52	SATELLITE CONTROL NETWORK (SPACE)	42,199 42,199	0
53	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS)	2,062 2,062	0
54	SPACE AND MISSILE TEST AND EVALUATION CENTER	4,157 4,157	0
55	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT	38,103 38,103	0

R-1		Budget Request	Committee Recommended	Change from Request
56	SPACELIFT RANGE SYSTEM (SPACE) Program increase	11,658	21,658 10,000	10,000
57	GPS III SPACE SEGMENT	1,626	1,626	0
58	SPACE SUPERIORITY ISR	29,128	29,128	0
59	NATIONAL SPACE DEFENSE CENTER	2,856	2,856	0
60	BALLISTIC MISSILE DEFENSE RADARS	18,615	18,615	0
61	NCMC - TW/AA SYSTEM	7,274	7,274	0
62	NUDET DETECTION SYSTEM (SPACE)	80,429	80,429	0
63	SPACE SITUATION AWARENESS OPERATIONS	80,903	80,903	0
64	GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT	359,720	359,720	0
68	ENTERPRISE GROUND SERVICES	123,601	123,601	0
999	CLASSIFIED PROGRAMS Classified adjustment	4,973,358	4,883,398 -89,960	-89,960
70	SPACE COMMAND & CONTROL - SOFTWARE PILOT PROGRAM Program increase - cyber halo innovation research program	155,053	160,053 5,000	5,000

## SPACE FORCE PROGRAM AFFORDABILITY AND EXECUTABILITY

The fiscal year 2023 budget request for the Space Force is \$24,600,000,000, an increase of 36 percent above the fiscal year 2022 enacted level. Some of this increase is due to the establishment of a new Military Personnel account, which was previously included in the Air Force budget, and the planned transfer of the Space Development Agency into the Space Force. However, even after adjusting for these transfers, the growth in the Space Force budget is substantial, about 20 percent. Moreover, the Space Force's ambitious plans for new architectures, programs, and mission areas, do not appear to be backed up with credible budget projections in the outyears to actually deliver these capabilities. The request shows the Space Force budget peaking in fiscal year 2024 and then declining through fiscal year 2027 to levels even lower than requested for fiscal year 2023. The Committee cautions the Space Force against starting more programs than it can afford. The lack of a credible five-year budget raises fundamental questions about whether any serious analysis or long-term planning has been done to assess the realism and affordability of the entire portfolio of programs—not just individual programs—or to set priorities among programs, including deciding not to start programs if they are not affordable within projected budgets. The fiscal year 2023 budget request fails to clearly communicate the full funding and programmatic implications of what the Department of Defense is asking the Committee, and the Congress, to agree to in terms of cost, risks, uncertainties, and potential alternatives. The Committee reiterates its expectation that the Space Force's plans and programs must be based on rigorous technical analysis matched with executable plans resourced by realistic budgets. The current plan does not meet this expectation particularly with respect to aligning priorities within realistic budgets.

Therefore, the Committee directs the Secretary of the Air Force, through the Assistant Secretary of the Air Force for Space Acquisition and Integration, to provide the House and Senate Appropriations Committees with a briefing, including supporting analysis, an assessment of risks, and risk management plans, not later than by October 1, 2022, on the projected cost, affordability, and executability of the full portfolio of classified and unclassified programs and activities funded in the Space Force accounts.

## MISSILE WARNING-MISSILE TRACKING LIFE-CYCLE COST

The fiscal year 2023 request includes more than \$4,500,000,000 for missile warning-related programs. Specifically, \$3,479,459,000 is requested for Next-Generation Overhead Persistent Infrared (OPIR), an increase of \$1,140,538,000 over the fiscal year 2022 enacted level. In addition, the request includes \$1,029,567,000 to start a new program, Resilient Missile Warning-Missile Tracking system. The Committee recognizes that the Space Force is pivoting away from relying on a small number of exquisite, yet vulnerable, satellites to a more proliferated and diverse architecture of smaller satellites in various orbits. While the Committee supports the intent of the pivot, the Space Force has not provided sufficient information on the expected life-cycle cost of the new architecture, the



cost to recapitalize a proliferated architecture every 3–5 years, potential risks and challenges in the supply chain, the ability of the Space Force to scale up capabilities to command and control a much larger number of satellites, the applicability and ability to meet stringent requirements for missile warning certification, cybersecurity, and resilience against reversible and irreversible kinetic and non-kinetic attacks. Therefore, the Committee directs the Director of Cost Assessment and Program Evaluation to develop a life-cycle cost estimate for the proposed Resilient Missile Warning-Missile Tracking initiative and provide a report on the estimate to the House and Senate Appropriations Committees, not later than January 30, 2023.

Further, the Committee directs the Secretary of the Air Force to continue to provide quarterly briefings on the status of its missile warning-related program and expand the scope to include both the OPIR program and the Resilient Missile Warning-Missile Tracking program as an integrated set of programs.

#### SMALL SATELLITE TECHNOLOGY UNIVERSITY RESEARCH

Over the past decade, commercial space companies have demonstrated the ability to routinely and cost effectively deliver large numbers of small satellites to orbit. To leverage these advances for national security, additional technologies are needed, including low-cost lightweight satellite-to-satellite optical communications systems, low-cost large antennas for small satellites to enable space-based radar and cellular communication, and efficient scalable electric propulsion systems. There is also a critical need to develop novel acquisition approaches that simultaneously leverage the technical expertise of universities and the focus, agility, and speed of start-up companies. Therefore, the recommendation provides \$20,000,000 for university research on next generation small satellite technologies to enable small companies to access the expertise at leading research universities, and to rapidly demonstrate and transition next generation small satellite technologies to support national security.

#### UNIVERSITY CONSORTIA FOR SPACE TECHNOLOGY

The Committee recognizes the need to accelerate the transition of fundamental research and early-stage technology development into integrated systems capable of aiding the national security space enterprise. Specifically, the Committee notes the critical need for a university-led consortium that addresses and facilitates the advancement of capabilities related to space domain awareness; position, navigation, and timing; and space applications for cybersecurity. The recommendation provides \$10,000,000 for university consortia for space technology. The Committee intends that in addition to supporting research, development, and demonstration, this activity will educate and train students for the future national security space workforce.

#### COMMERCIAL SPACE COMMUNICATIONS NETWORKS

The Committee supports efforts to leverage commercial space networks to create an “outernet” for future military communica-

tions and believes the Space Force should undertake activities to promote interoperability standards and use of commercial ground and cloud architectures to increase the integration of commercial space networks. Therefore, the Committee directs the Assistant Secretary of the Air Force for Space Acquisition and Integration to provide a briefing, not later than 90 days after the enactment of this Act, on specific policy, plans, and steps the Space Force intends to take to shift its architecture in a manner that fully promotes and embraces the future commercial space network.

ARTIFICIAL INTELLIGENCE AND AUTONOMY FOR DATA ANALYTICS AND SENSOR SYSTEMS

The Committee is aware of advancements in artificial intelligence and autonomy that show promise to realize a new paradigm of automated, self-optimizing sensor systems that could enable more collaborative distributed space domain awareness systems. Such systems could provide resilience through infrastructure degradation and resolve ambiguities between sensor systems. Therefore, the recommendation includes an additional \$12,000,000 for artificial intelligence and autonomy to develop and demonstrate a distributed autonomous sensor management system and a modular hosting system.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

Fiscal year 2023 budget request .....	\$32,077,552,000
Committee recommendation .....	32,608,153,000
Change from budget request .....	+530,601,000

The Committee recommends an appropriation of \$32,608,153,000 for Research, Development, Test and Evaluation, Defense-Wide which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[in thousands of dollars]

R-1	Budget Request	Committee Recommended	Change from Request
<b>1 DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH</b>	<b>11,584</b>	<b>15,584</b>	<b>4,000</b>
Program increase - materials science in extreme environments		4,000	
<b>2 DEFENSE RESEARCH SCIENCES</b>	<b>401,870</b>	<b>414,870</b>	<b>13,000</b>
Program increase - human performance optimization		10,000	
Program increase - advanced predictive analytics for supply chain risk management		3,000	
<b>3 HIGH ENERGY LASER RESEARCH INITIATIVES</b>	<b>16,257</b>	<b>21,257</b>	<b>5,000</b>
Program increase - high energy laser research		5,000	
<b>4 BASIC RESEARCH INITIATIVES</b>	<b>62,386</b>	<b>68,686</b>	<b>6,300</b>
Project increase - Central American open source research initiative and coalition		1,300	
Program increase - DEPCOR		5,000	
<b>5 BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE</b>	<b>80,874</b>	<b>80,874</b>	<b>0</b>
<b>6 NATIONAL DEFENSE EDUCATION PROGRAM</b>	<b>132,347</b>	<b>137,347</b>	<b>5,000</b>
Program increase - SMART diversification activities		2,000	
Program increase - manufacturing engineering education program (MEEP)		3,000	
<b>7 HISTORICALLY BLACK COLLEGES &amp; UNIVERSITIES (HBCU) AND MINORITY-SERVING INSTITUTIONS</b>	<b>33,288</b>	<b>100,500</b>	<b>67,212</b>
Project increase - integrated research and training in artificial intelligence and machine learning for ROTC students		500	
Program increase		66,712	
<b>8 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM</b>	<b>34,734</b>	<b>34,734</b>	<b>0</b>
<b>9 JOINT MUNITIONS TECHNOLOGY</b>	<b>18,961</b>	<b>22,961</b>	<b>4,000</b>
Project increase - next generation explosives and propellants		2,000	
Program increase - energetics investment, machine learning and AI		2,000	
<b>10 BIOMEDICAL TECHNOLOGY</b>	<b>106,958</b>	<b>106,958</b>	<b>0</b>
<b>12 PROMOTION AND PROTECTION STRATEGIES</b>	<b>3,275</b>	<b>3,275</b>	<b>0</b>
<b>14 DEFENSE TECHNOLOGY INNOVATION (BEYOND 5G)</b>	<b>20,634</b>	<b>19,067</b>	<b>-1,567</b>
Insufficient justification		-1,567	
<b>15 LINCOLN LABORATORY RESEARCH PROGRAM</b>	<b>46,159</b>	<b>46,159</b>	<b>0</b>

R-1		Budget Request	Committee Recommended	Change from Request
16	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES	67,666	67,666	0
17	INFORMATION AND COMMUNICATIONS TECHNOLOGY	388,270	388,270	0
18	BIOLOGICAL WARFARE DEFENSE	23,059	23,059	0
19	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM Poor justification	256,197	244,637 -11,560	-11,560
20	CYBER SECURITY RESEARCH Program increase - academic cyber institutes	17,264	27,264 10,000	10,000
21	SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY	4,000	4,000	0
22	TACTICAL TECHNOLOGY Program reduction	221,883	208,383 -13,500	-13,500
23	MATERIALS AND BIOLOGICAL TECHNOLOGY Reduce growth	352,976	340,476 -12,500	-12,500
24	ELECTRONICS TECHNOLOGY	557,745	557,745	0
25	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH	192,162	192,162	0
26	SOFTWARE ENGINEERING INSTITUTE	11,030	11,030	0
27	HIGH ENERGY LASER RESEARCH	48,587	48,587	0
28	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT Program increase - signature management improvements (SUAS)	49,174	53,674 4,500	4,500
29	JOINT MUNITIONS ADVANCED TECHNOLOGY	34,065	34,065	0
30	SO/LIC ADVANCED DEVELOPMENT	4,919	4,919	0
31	COMBATING TERRORISM TECHNOLOGY SUPPORT Program increase - anti-tunneling Program increase - cooperative C-UAS development	72,614	145,114 47,500 25,000	72,500
32	FOREIGN COMPARATIVE TESTING	26,802	26,802	0
34	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT	395,721	395,721	0
35	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	6,505	6,505	0
36	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	16,737	16,737	0

R-1		Budget Request	Committee Recommended	Change from Request
37	<b>ADVANCED RESEARCH</b>	22,023	45,323	23,300
	Program increase - sounding rocket vehicle high speed testbed technology		10,000	
	Program increase - hypersonic interceptor component technology		4,300	
	Program increase - laser weapons optics tech risk mitigation		4,000	
	Program increase - benzoxazine for high-mach system thermal protection		5,000	
38	<b>JOINT HYPERSONICS TECHNOLOGY DEVELOPMENT &amp; TRANSITION</b>	52,156	57,156	5,000
	Program increase - university research		5,000	
39	<b>JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT</b>	18,898	18,898	0
40	<b>ADVANCED AEROSPACE SYSTEMS</b>	253,135	241,015	-12,120
	Reduce growth		-12,120	
41	<b>SPACE PROGRAMS AND TECHNOLOGY</b>	81,888	74,388	-7,500
	Program reduction		-7,500	
42	<b>ANALYTIC ASSESSMENTS</b>	24,052	24,052	0
43	<b>ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS</b>	53,890	53,890	0
46	<b>DEFENSE MODERNIZATION AND PROTOTYPING</b>	141,561	132,805	-8,756
	Excess growth		-8,756	
47	<b>DEFENSE INNOVATION UNIT (DIU)</b>	42,925	47,925	5,000
	Program increase - small craft electric propulsion		5,000	
48	<b>TECHNOLOGY INNOVATION</b>	109,535	72,535	-37,000
	Inadequate justification		-37,000	
49	<b>CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEVELOPMENT</b>	238,407	228,262	-10,145
	Poor justification		-10,145	
50	<b>RETRACT LARCH</b>	79,493	79,493	0
51	<b>JOINT ELECTRONIC ADVANCED TECHNOLOGY</b>	19,218	19,218	0
52	<b>JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS</b>	114,100	114,100	0
53	<b>NETWORKED COMMUNICATIONS CAPABILITIES</b>	3,168	3,168	0

R-1	Budget Request	Committee Recommended	Change from Request
54	256,142	322,342	66,200
<b>DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM</b>			
		5,000	
		6,000	
		7,000	
		5,000	
		12,000	
		5,200	
		5,000	
		10,000	
		5,000	
		6,000	
55	46,166	59,166	13,000
<b>MANUFACTURING TECHNOLOGY PROGRAM</b>			
		10,000	
		3,000	
56	13,663	13,663	0
<b>GENERIC LOGISTICS R&amp;D TECHNOLOGY DEMONSTRATIONS</b>			
57	58,411	88,411	30,000
<b>STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM</b>			
		15,000	
		15,000	
58	139,833	139,833	0
<b>MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT</b>			
59	2,411	2,411	0
<b>JOINT WARFIGHTING PROGRAM</b>			
60	250,917	250,917	0
<b>ADVANCED ELECTRONICS TECHNOLOGIES</b>			
61	305,050	298,050	-7,000
<b>COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS</b>			
		-7,000	
62	678,562	669,062	-9,500
<b>NETWORK-CENTRIC WARFARE TECHNOLOGY</b>			
		-9,500	
63	314,502	308,442	-6,060
<b>SENSOR TECHNOLOGY</b>			
		-6,060	
64	201	201	0
<b>DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT</b>			

R-1		Budget Request	Committee Recommended	Change from Request
65	SOFTWARE ENGINEERING INSTITUTE	13,417	13,417	0
66	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	111,149	111,149	0
67	TEST & EVALUATION SCIENCE & TECHNOLOGY Program increase - enhanced hypersonic testing capabilities	315,090	329,490 14,400	14,400
68	NATIONAL SECURITY INNOVATION NETWORK Project increase - secure email access Program increase - DoD mission acceleration centers	22,028	33,268 1,240 10,000	11,240
69	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT Excess growth Program increase - TRISO advanced fuel Program increase - power and thermal management subsystem technologies for high energy laser activities	180,170	186,290 -10,880 10,000 7,000	6,120
72	SOF ADVANCED TECHNOLOGY DEVELOPMENT Excess to need - engineering analysis Program increase - C-130J autonomous capabilities Program increase - identity management	118,877	127,477 -8,400 7,000 10,000	8,600
74	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	41,507	41,507	0
75	WALKOFF	133,795	133,795	0
76	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM Program increase - PFAS remediation and disposal Program increase - AFFF replacement, disposal, and cleanup technology	84,638	104,638 15,000 5,000	20,000
77	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	190,216	190,216	0
78	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	667,524	667,524	0
79	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAMS - DEM / VAL Poor justification	291,364	252,010 -39,354	-39,354
80	BALLISTIC MISSILE DEFENSE SENSORS	231,134	231,134	0
81	BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS	591,847	591,847	0
82	SPECIAL PROGRAMS - MDA	316,977	316,977	0

R-1		Budget Request	Committee Recommended	Change from Request
83	AEGIS BMD Program increase - lightweight telescope for advanced AEGIS interceptor	600,072	606,072 6,000	6,000
84	BALLISTIC MISSILE DEFENSE C2BMC	589,374	589,374	0
85	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	50,269	50,269	0
86	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	49,367	49,367	0
87	REGARDING TRENCH	12,146	12,146	0
88	SEA BASED X-BAND RADAR (SBX) Excess XBR operations and support costs	164,668	159,962 -4,706	-4,706
89	ISRAELI COOPERATIVE PROGRAMS	300,000	300,000	0
90	BMD TESTS	367,824	367,824	0
91	BMD TARGETS	559,513	559,513	0
92	COALITION WARFARE	11,154	11,154	0
93	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G)	249,591	249,591	0
94	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,166	3,166	0
95	GUAM DEFENSE DEVELOPMENT Early to need	397,936	374,262 -23,674	-23,674
97	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - MIP	33,950	33,950	0
99	HYPERSONIC DEFENSE	225,477	225,477	0
100	ADVANCED INNOVATIVE TECHNOLOGIES Reduce growth Program increase - pele mobile nuclear microreactor	1,145,358	1,095,108 -57,250 7,000	-50,250
101	TRUSTED & ASSURED MICROELECTRONICS Program increase - radiation-hardened fully-depleted silicon-on-insulator microelectronics Program increase - GaN and GaAs RFIC technology Program increase - magnetoresistive random-access memory (MRAM)	647,226	700,226 25,000 25,000 3,000	53,000
102	RAPID PROTOTYPING PROGRAM Excess growth RDER	179,189	161,199 -17,990	-17,990



R-1	Budget Request	Committee Recommended	Change from Request
103 DEFENSE INNOVATION UNIT (DIU) PROTOTYPING	24,402	24,402	0
104 DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT	2,691	2,691	0
105 CATAPULT	7,130	7,130	0
106 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT - NON S&T	45,779	45,779	0
108 WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)	3,229	3,229	0
109 JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY Excess to need	40,699	35,699 -5,000	-5,000
110 LONG RANGE DISCRIMINATION RADAR	75,120	75,120	0
111 IMPROVED HOMELAND DEFENSE INTERCEPTORS	1,833,357	1,833,357	0
112 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST	69,762	69,762	0
113 AEGIS BMD TEST Excess growth	182,776	175,619 -7,157	-7,157
114 BALLISTIC MISSILE DEFENSE SENSORS TEST	88,326	88,326	0
115 LAND-BASED SM-3 (LBSM3)	27,678	27,678	0
116 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST	84,075	84,075	0
117 SAFETY PROGRAM MANAGEMENT	2,417	2,417	0
118 ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,664	2,664	0
120 CYBER SECURITY INITIATIVE	1,165	1,165	0
123 BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	129,957	129,957	0
124 CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - DEM / VAL ACTIVITIES Excess to need	273,340	223,340 -50,000	-50,000
125 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	6,482	6,482	0

R-1	Budget Request	Committee Recommended	Change from Request
127 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - EMD	312,148	309,073	-3,075
Poor justification		-3,075	
128 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	9,120	9,120	0
129 COUNTER WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES	14,403	14,403	0
130 INFORMATION TECHNOLOGY DEVELOPMENT	1,244	1,244	0
131 HOMELAND PERSONNEL SECURITY INITIATIVE	6,191	6,191	0
132 DEFENSE EXPORTABILITY PROGRAM	10,145	10,145	0
133 OUSD(C) IT DEVELOPMENT INITIATIVES	5,938	5,938	0
136 DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM	23,171	23,171	0
137 MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS)	14,093	14,093	0
138 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	6,949	6,949	0
139 TRUSTED & ASSURED MICROELECTRONICS	302,963	302,963	0
140 NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	3,758	3,758	0
141 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)	8,121	8,121	0
142 CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION	16,048	16,048	0
143 JOINT CAPABILITY EXPERIMENTATION	12,452	12,452	0
144 DEFENSE READINESS REPORTING SYSTEM (DRRS)	8,902	8,902	0
145 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	6,610	6,610	0
146 CENTRAL TEST & EVAL INVESTMENT DEVELOPMENT	819,358	928,808	109,450
Unjustified growth		-40,950	
Program increase - hypersonic test facility modular assemblies		100,000	
Program increase - modeling and simulation of hypersonic test facilities		10,300	
Program increase - hypersonic test facilities		30,000	
Program increase - hypersonic ground testing capability		10,100	
147 ASSESSMENTS AND EVALUATIONS	4,607	4,607	0

R-1	Budget Request	Committee Recommended	Change from Request
148 MISSION SUPPORT	86,869	86,869	0
149 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	126,079	126,079	0
150 JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO)	53,278	53,278	0
151 CLASSIFIED PROGRAM USD(P) Classified adjustment	0	160,935 160,935	160,935
152 SYSTEMS ENGINEERING	39,009	39,009	0
153 STUDIES AND ANALYSIS SUPPORT	5,716	5,716	0
154 NUCLEAR MATTERS - PHYSICAL SECURITY	15,379	15,379	0
155 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	9,449	9,449	0
156 GENERAL SUPPORT TO USD (INTELLIGENCE)	6,112	6,112	0
157 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM Poor justification	124,475	122,232 -2,243	-2,243
165 SMALL BUSINESS INNOVATION RESEARCH (SBIR)/SMALL BUSINESS TECHNOLOGY TRANSFER	3,820	3,820	0
166 MAINTAINING TECHNOLOGY ADVANTAGE Excess growth	35,414	33,082 -2,332	-2,332
167 DEFENSE TECHNOLOGY ANALYSIS	56,114	56,114	0
168 DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	63,184	63,184	0
169 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	23,757	23,757	0
170 DEVELOPMENT TEST AND EVALUATION	26,652	26,652	0
171 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT)	14,636	14,636	0
172 MANAGEMENT HEADQUARTERS DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	3,518	3,518	0
173 BUDGET AND PROGRAM ASSESSMENTS Program reduction	15,244	14,176 -1,068	-1,068
174 ANALYSIS WORKING GROUP (AWG) SUPPORT Program reduction	4,700	0 -4,700	-4,700

R-1		Budget Request	Committee Recommended	Change from Request
175	CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES	13,132	13,132	0
176	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,323	3,323	0
177	DEFENSE SCIENCE BOARD DSB new start baseline	2,532	2,500 -32	-32
179	CYBER RESILIENCY AND CYBERSECURITY POLICY	32,306	32,306	0
180	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT Unjustified growth	12,354	8,236 -4,118	-4,118
181	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,034	3,034	0
182	JOINT STAFF ANALYTICAL SUPPORT Unjustified growth	4,332	3,058 -1,274	-1,274
183	C4I INTEROPERABILITY	69,698	69,698	0
189	COMBINED ADVANCED APPLICATIONS	16,171	16,171	0
191	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,072	3,072	0
192	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION Poor justification	37,852	33,861 -3,991	-3,991
193	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI)	716	716	0
194	MANAGEMENT HEADQUARTERS - MDA	25,259	25,259	0
195	JOINT SERVICE PROVIDER (JSP)	3,141	3,141	0
999	CLASSIFIED PROGRAMS	37,841	37,841	0

R-1	Budget Request	Committee Recommended	Change from Request
200 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	588,094	715,294	127,200
Project increase - systems engineering technology (SET) apprenticeship and internship program		1,200	
Project increase - partnerships for manufacturing training innovation		7,000	
Program increase - on-shore advanced microelectronic packaging for strategic mission enablement		40,000	
Program increase - career and technical education pilot		10,000	
Program increase - accelerated training in defense manufacturing (ATDM)		5,000	
Program increase - digital engineering enabled workforce development		7,000	
Program increase - digital design and engineering demonstration		5,500	
Program increase - digital thread manufacturing demonstration		8,000	
Program increase - advanced electrochromic manufacturing program		5,000	
Program increase - hybrid manufacturing for lightweight defense components		5,000	
Program increase - advanced design and engineering capabilities for small businesses		12,000	
Program increase - automated integrated metrology		5,000	
Program increase - resilient manufacturing ecosystem		5,000	
Program increase - ruggedized transceivers for harsh environments		7,500	
Program increase - advanced thermoplastics		4,000	
201 CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT	15,427	15,427	0
202 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS	8,317	8,317	0
203 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT)	68,030	65,588	-2,442
Poor justification		-2,442	
209 DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION	19,145	19,145	0
210 LONG HAUL COMMUNICATIONS (DCS)	13,195	13,195	0
211 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	5,746	5,746	0
212 KEY MANAGEMENT INFRASTRUCTURE (KMI)	92,018	92,018	0
213 INFORMATION SYSTEMS SECURITY PROGRAM	43,135	63,135	20,000
Program increase - centers for academic excellence		20,000	

R-1	Budget Request	Committee Recommended	Change from Request
214 INFORMATION SYSTEMS SECURITY PROGRAM Program increase - cyber institutes at senior military colleges	593,831	617,831 24,000	24,000
215 INFORMATION SYSTEMS SECURITY PROGRAM	7,005	7,005	0
216 GLOBAL COMMAND AND CONTROL SYSTEM	10,020	10,020	0
217 DEFENSE SPECTRUM ORGANIZATION	19,708	19,708	0
221 FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY	5,197	5,197	0
226 DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY INITIATIVE	10,000	10,000	0
229 SECURITY AND INVESTIGATIVE ACTIVITIES	450	450	0
230 INDUSTRIAL SECURITY ACTIVITIES	1,800	1,800	0
233 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES Program increase - joint cyber intelligence tool suite	4,622	19,622 15,000	15,000
234 COMBINED ADVANCED APPLICATIONS	49,380	49,380	
237 POLICY R&D PROGRAMS	6,214	6,214	0
238 NET CENTRICITY	17,917	17,917	0
240 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,095	6,095	0
246 INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS	4,575	4,575	0
247 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	2,497	2,497	0
248 INSIDER THREAT Program increase - insider threat pilot program	9,403	12,403 3,000	3,000
249 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	1,864	1,864	0
257 LOGISTICS SUPPORT ACTIVITIES	1,620	1,620	0
258 PACIFIC DISASTER CENTERS	1,875	1,875	0
259 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	3,264	3,264	0
261 MQ-9 UAV SOCOM requested transfer from OM,DW 1PL7	14,000	19,840 5,840	5,840

R-1	Budget Request	Committee Recommended	Change from Request
263 SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEVELOPMENT	179,499	179,499	0
264 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	75,136	75,136	0
265 SOF OPERATIONAL ENHANCEMENTS	142,900	191,260	48,360
Classified adjustment		-3,250	
Program increase - AISUM		25,000	
Program increase - precision strike munition shipboard safety and certification testing UPL		8,610	
Program increase - modular compact high energy laser		18,000	
266 WARRIOR SYSTEMS	129,133	141,864	12,731
Classified adjustment		-7,996	
Program increase - counter unmanned systems (CUxS) procurement acceleration UPL		5,400	
Program increase - maritime scalable effects (MSE) electronic warfare system acceleration UPL		2,397	
Program increase - mobile CUAS solutions		3,000	
Program increase - ground organic precision strike systems loitering munitions UPL		9,930	
267 SPECIAL PROGRAMS	518	518	0
268 UNMANNED ISR	3,354	3,354	0
269 SOF TACTICAL VEHICLES	13,594	13,594	0
270 SOF MARITIME SYSTEMS	82,645	119,645	37,000
Program increase - dry combat submersible (DCS) next acceleration UPL		30,000	
Program increase - diver propulsion		7,000	
272 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	7,583	12,583	5,000
Program increase - graphitic composite and graphitic carbon foam		5,000	
273 TELEPORT PROGRAM	1,270	1,270	0
274 NATIONAL BACKGROUND INVESTIGATION SERVICES - SOFTWARE PILOT PROGRAM	132,524	132,524	0
275 ACQUISITION VISIBILITY - SOFTWARE PILOT PROGRAM	17,123	17,123	0
276 ACCELERATE THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES (APPIT)	100,000	0	-100,000
Transfer to P,DW line 48, major equipment, OSD		-100,000	
276 GLOBAL COMMAND AND CONTROL SYSTEM	34,987	34,987	0

R-1	Budget Request	Committee Recommended	Change from Request
282 NATIONAL INDUSTRIAL SECURITY SYSTEMS (NISS) - SOFTWARE PILOT PROGRAM	14,749	14,749	0
999 CLASSIFIED PROGRAMS - SOFTWARE PILOT PROGRAM	265,028	265,028	0
999 CLASSIFIED PROGRAMS Classified adjustment	7,854,604	7,823,931 -30,673	-30,673



STRATEGIC NATIONAL STOCKPILE OF ACTIVE  
PHARMACEUTICAL INGREDIENTS

The Committee remains concerned about vulnerabilities in America's reliance on foreign-sourced supplies of active pharmaceutical ingredients and their chemical components, and more generally, the nation's reliance on off-shore drug production. The Committee continues to encourage the Secretary of Defense, the Director of the Defense Advanced Research Projects Agency, and the Director of the Biomedical Advanced Research and Development Authority to cooperatively research areas of mutual interest to address public health vulnerabilities, secure a national stockpile of life-saving drugs, and address vulnerability points for the military. Therefore, the Committee directs the Director of the Defense Advanced Research Projects Agency to brief the House and Senate Appropriations Committees, not later than 120 days after the enactment of this Act, on the status of these efforts, actions taken to date, and plans for future collaborations.

## CLEAN ENERGY TECHNOLOGY

The Department of Defense is the largest consumer of energy in the United States. The Committee encourages the Director of the Defense Innovation Unit to emphasize investments in clean energy technologies that show promise to significantly reduce the Department's greenhouse gas emissions and reliance on fossil fuels.

## NATIONAL CENTERS OF ACADEMIC EXCELLENCE IN CYBERSECURITY

Of the funding provided for the National Centers of Academic Excellence (CAE), a portion is to be used to sustain and administer the program, if needed. If funding permits, an expansion into middle and high schools should be considered. Not later than 60 days after the enactment of this Act, the Committee directs the Secretary of Defense to provide a delineation of the program costs for the current fiscal year for the CAE program to include both the cost of administration and the estimated future costs to begin expansion into certain middle and high schools.

## HISTORICALLY BLACK COLLEGES AND UNIVERSITIES SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS RESEARCH CENTERS OF EXCELLENCE

The Committee believes the Department of Defense faces challenges recruiting and retaining a workforce skilled in science, technology, engineering, and mathematics (STEM). While this is a nationwide concern, the Committee supports Department of Defense efforts to grow the STEM workforce pipeline and would like to see increased partnership with Hispanic Serving Institutions, Historically Black Colleges and Universities (HBCUs), and other Minority Serving Institutions (MSIs) to build a pipeline for scientists and engineers to enter the STEM workforce upon graduation. The Committee encourages the Under Secretary of Defense for Research and Engineering to work in partnership with HBCUs/MSIs to establish additional centers of excellence aligned to the National Defense Strategy and Research and Engineering STEM priorities.

MANUFACTURING OF ADVANCED COMPOSITES FOR HYPERSONICS AIDED  
BY DIGITAL ENGINEERING

The Committee supports the Department of Defense's investment in hypersonic flight systems and notes that manufacturing for high-temperature composite parts suitable for hypersonic vehicles maybe become more efficient and less expensive by leveraging modern digital engineering techniques. Therefore, the Committee supports manufacturing of advanced composites for hypersonics aided by digital engineering and encourages exploration of this technology across the Department of Defense.

## ADDITIVE AND ADVANCED MANUFACTURING COORDINATION EFFORTS

The Committee recognizes the importance of additive and advanced manufacturing as a disruptive technology, as well as the benefits of addressing supply chain challenges with solutions from the organic industrial base. The Committee directs the Under Secretary of Defense for Research and Engineering to provide a briefing to the congressional defense committees not later than 180 days after the enactment of this Act, on existing coordination efforts related to additive and advanced manufacturing across the Department, to include coordination on resources and investments; and recommendations to enhance coordinating efforts in future years.

## MATERIALS SCIENCE IN EXTREME ENVIRONMENTS

The Committee continues to support the Defense Threat Reduction Agency's Materials Science in Extreme Environments program, which expands research, education, and technology development efforts to counter weapons of mass destruction, and encourages the Secretary of Defense to continue to invest in this important program.

## OFFICE OF THE INSPECTOR GENERAL AUDITS AND REPORTS

The Committee directs the Office of the Inspector General at the Department of Defense to conduct audits into cost overruns at the Air Force Office of Energy, Installations, and Environment. The Inspector General shall submit an initial report of findings to the congressional defense committees and post the report on the website of the Department of Defense not later than 180 days after the enactment of this Act.

In addition, the Office of the Inspector General is directed to submit a report on covered contractors' compliance with the prohibition on advertising contained in 10 U.S.C. 3744(a)(8). Compliance should be reported on an individual basis for each covered contractor, and the report shall be posted on the Inspector General's website.

OFFICE OF INDUSTRIAL POLICY—CAREER AND TECHNICAL EDUCATION  
PILOT PROGRAM

The Committee recognizes the need to increase student enrollment in relevant Career and Technical Education (CTE), Pre-Apprenticeship, and Apprenticeship programs to address labor shortages in the defense manufacturing sector. The Committee rec-

ommendation includes \$10,000,000 in Industrial Base Analysis and Sustainment for a pilot program to promote awareness and enhancement of CTE programs and career pathways in middle schools, high schools, trade schools, technical schools, community colleges, and four-year colleges and universities by funding activities that may, but need not only, complement resources made available to Perkins, Pre-Apprenticeship, or Apprenticeship grant recipients specializing in fields relevant to the defense sector. The Deputy Assistant Secretary for Industrial Policy is directed to provide a briefing to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on the continuing priorities for this pilot program.

CARBON CAPTURE TECHNOLOGIES

To meet the climate challenge, the committee recommends the Department continue to develop technologies that capture carbon dioxide from seawater and air to turn such carbon dioxide into clean fuels to enhance fuel and energy security; to develop and demonstrate technologies that capture carbon dioxide from seawater and air to reuse such carbon dioxide to create products for military uses; to develop direct air capture technologies for use at military installations or facilities of the Department; or in modes of transportation for use by the Army or Navy.

HUMAN PERFORMANCE OPTIMIZATION

The Committee continues to support the Department of Defense with enhancing and sustaining the health, well-being, and performance of our troops through human performance optimization (HPO) programs. The Committee believes there is room to advance research in this area to contribute to the Services' readiness requirements, and therefore encourages collaboration across the Services, Defense Advanced Research Projects Agency, Defense Health Agency, and in partnership with universities and private entities to share relevant research to enhance the operational purpose of HPO efforts.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Fiscal year 2023 budget request .....	\$277,194,000
Committee recommendation .....	277,194,000
Change from budget request .....	---

The Committee recommends an appropriation of \$277,194,000 for Operational Test and Evaluation, Defense which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATIONAL TEST AND EVALUATION .....	119,529	119,529	---
LIVE FIRE TESTING .....	99,947	99,947	---
OPERATIONAL TEST ACTIVITIES AND ANALYSIS .....	57,718	57,718	---
TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE .....	277,194	277,194	---



TITLE V  
 REVOLVING AND MANAGEMENT FUNDS  
 DEFENSE WORKING CAPITAL FUNDS

Fiscal year 2023 budget request .....	\$1,329,895,000
Committee recommendation .....	1,329,895,000
Change from budget request .....	---

The Committee recommends an appropriation of \$1,329,895,000 for the Defense Working Capital Funds accounts which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
 [In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND, ARMY .....	29,937	29,937	0
WORKING CAPITAL FUND, AIR FORCE .....	80,448	80,448	0
WORKING CAPITAL FUND, DEFENSE-WIDE .....	8,302	8,302	0
DEFENSE WORKING CAPITAL FUND, DECA .....	1,211,208	1,211,208	0
TOTAL, DEFENSE WORKING CAPITAL FUNDS .....	1,329,895	1,329,895	0



TITLE VI  
OTHER DEPARTMENT OF DEFENSE PROGRAMS  
DEFENSE HEALTH PROGRAM

Fiscal year 2023 budget request .....	\$36,932,174,000
Committee recommendation .....	38,052,432,000
Change from budget request .....	+1,120,258,000

The Committee recommends an appropriation of \$38,052,432,000 for the Defense Health Program which will provide the following program in fiscal year 2023:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS  
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
<b>OPERATION AND MAINTENANCE</b>			
<b>IN-HOUSE CARE</b>	<b>9,906,943</b>	<b>9,864,958</b>	<b>-41,985</b>
Unjustified growth		-15,108	
Baseline adjustment		-16,795	
Medical care contracts excess growth		-25,082	
Program increase - telehealth for military children and families		15,000	
<b>PRIVATE SECTOR CARE</b>	<b>18,455,209</b>	<b>18,342,836</b>	<b>-112,373</b>
Unjustified growth		-74,524	
Baseline adjustment		-37,849	
<b>CONSOLIDATED HEALTH SUPPORT</b>	<b>1,916,366</b>	<b>1,899,949</b>	<b>-16,417</b>
Unjustified growth		-40,417	
Program increase - therapeutic service dog training program		15,000	
Program increase - outdoor recreation and education activities		5,000	
Program increase - armed forces medical examiner DNA testing to support POW/MIA efforts		4,000	
<b>INFORMATION MANAGEMENT</b>	<b>2,251,151</b>	<b>2,243,677</b>	<b>-7,474</b>
Unjustified growth		-3,362	
DMIX reduction		-4,112	
<b>MANAGEMENT ACTIVITIES</b>	<b>338,678</b>	<b>338,678</b>	<b>0</b>
<b>EDUCATION AND TRAINING</b>	<b>334,845</b>	<b>342,345</b>	<b>7,500</b>
Program increase - specialized medical pilot program		2,500	
Program increase - Uniformed Services University of the Health Sciences fetal alcohol spectrum disorders prevention and clinical guidelines research		5,000	
<b>BASE OPERATIONS AND COMMUNICATIONS</b>	<b>2,111,558</b>	<b>2,108,900</b>	<b>-2,658</b>
Excess growth		-2,658	
<b>TOTAL, OPERATION AND MAINTENANCE</b>	<b>35,314,750</b>	<b>35,141,343</b>	<b>-173,407</b>
<b>PROCUREMENT</b>			
<b>TOTAL, PROCUREMENT</b>	<b>570,074</b>	<b>570,074</b>	<b>0</b>



	Budget Request	Committee Recommended	Change from Request
<b>RESEARCH AND DEVELOPMENT</b>			
Program increase - optimizing military health and performance		7,000	
Program increase - vector borne health protection		5,000	
Program increase - brain injury and disease prevention research		65,000	
Program increase - individual occupational and environmental exposure monitoring		10,000	
Program increase - Uniformed Services University of the Health Sciences multi-domain operations		30,000	
Program increase - clinical research		30,000	
Program increase - telemedicine and advanced technology research center		2,000	
Program increase - joint civilian-medical surge facility		19,640	
Program increase - syndromic surveillance for emerging biothreats		4,500	
Peer-reviewed alcohol and substance use disorders research		4,000	
Peer-reviewed ALS research		40,000	
Peer-reviewed Alzheimer's research		15,000	
Peer-reviewed autism research		15,000	
Peer-reviewed bone marrow failure disease research		7,500	
Peer-reviewed breast cancer research		150,000	
Peer-reviewed cancer research		130,000	
Peer-reviewed Duchenne muscular dystrophy research		10,000	
Peer-reviewed hearing restoration research		5,000	
Peer-reviewed kidney cancer research		50,000	
Peer-reviewed lung cancer research		25,000	
Peer-reviewed lupus research		10,000	
Peer-reviewed melanoma research		40,000	
Peer-reviewed military burn research		10,000	
Peer-reviewed multiple sclerosis research		20,000	
Peer-reviewed Neurofibromatosis research		25,000	
Peer-reviewed orthopedic research		30,000	
Peer-reviewed ovarian cancer research		45,000	
Peer-reviewed pancreatic cancer research		15,000	
Peer-reviewed Parkinson's research		16,000	
Peer-reviewed prostate cancer research		110,000	
Peer-reviewed rare cancers research		17,500	
Peer-reviewed reconstructive transplant research		12,000	
Peer-reviewed spinal cord research		40,000	
Peer-reviewed tickborne disease research		7,000	
Peer-reviewed toxic exposures research		30,000	
Peer-reviewed traumatic brain injury and psychological		175,000	
Peer-reviewed tuberous sclerosis complex research		8,000	
Peer-reviewed vision research		20,000	
Global HIV/AIDS prevention		12,000	
HIV/AIDS program increase		20,000	
Joint warfighter medical research		20,000	
Trauma clinical research program		5,000	
Combat readiness medical research		5,000	

	<u>Budget Request</u>	<u>Committee Recommended</u>	<u>Change from Request</u>
TOTAL, RESEARCH AND DEVELOPMENT	909,994	2,227,134	1,317,140
SOFTWARE & TECHNOLOGY PILOT PROGRAMS	137,356	113,881	-23,475
DoD Medical Information Exchange and Interoperability (DMIX) / Enterprise Intelligence and Data Solutions (EIDS) excess growth		-23,475	

## REPROGRAMMING GUIDANCE FOR THE DEFENSE HEALTH PROGRAM

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 and Private Sector Care budget sub-activities are designated as congressional special interest items. Any transfer of funds in excess of \$10,000,000 into or out of these sub-activities requires the Secretary of Defense to follow prior approval reprogramming procedures for operation and maintenance funds.

The Committee directs the Secretary of Defense to provide written notification to the congressional defense committees of cumulative transfers in excess of \$10,000,000 out of the Private Sector Care budget sub-activity not later than 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.

The Committee further directs the Assistant Secretary of Defense for Health Affairs to provide quarterly briefings to the congressional defense committees on budget execution data for all Defense Health Program budget activities not later than 30 days after the end of each fiscal quarter, and to adequately reflect changes to the budget activities requested by the Services in future budget submissions. These reports should also be provided to the Government Accountability Office.

## CARRYOVER

For fiscal year 2023, 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 for Health Affairs to submit a detailed spending plan for any fiscal year 2022 designated carryover funds to the congressional defense committees not less than 30 days prior to executing the carryover funds.

## PEER-REVIEWED CANCER RESEARCH PROGRAM

The Committee recommends \$150,000,000 for the peer-reviewed breast cancer research program, \$110,000,000 for the peer-reviewed prostate cancer research program, \$45,000,000 for the peer-reviewed ovarian cancer research program, \$50,000,000 for the peer-reviewed kidney cancer research program, \$25,000,000 for the peer-reviewed lung cancer research program, \$15,000,000 for the peer-reviewed pancreatic cancer research program, \$17,500,000 for the peer-reviewed rare cancer research program, and \$130,000,000 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; blood cancers; brain cancer; colorectal cancer; endometrial cancer; esophageal cancer; germ cell cancers; head and neck cancer; liver cancer; lymphoma; mesothelioma; metastatic cancers; myeloma; neuroblastoma; pediatric brain tumors; pediatric, adolescent, and young adult cancers; sarcoma; stomach cancer; thyroid cancer; and Von Hippel-Lindau syndrome malignancies (excluding cancers of the kidney and pancreas). The inclusion of the individual rare cancer research program shall not prohibit the peer-reviewed cancer research program from funding the previously mentioned cancers or cancer subtypes that may be rare by definition.

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 for 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 shall 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 for Health Affairs to continue to emphasize the importance of these collaborations between military and non-military researchers throughout the peer-review process.

#### JOINT WARFIGHTER MEDICAL RESEARCH PROGRAM

The Committee recommendation includes \$20,000,000 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 for 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.

#### COMBAT READINESS MEDICAL RESEARCH PROGRAM

The Committee recommendation includes \$5,000,000 for the Combat Readiness Medical Research program. The program should focus on medical needs of the warfighter on the battlefield. Research should address the "golden hour" for servicemembers with life threatening injuries, battlefield diagnostics, and medical threats and treatments for warfighters deployed around the world.

The Committee expects the Assistant Secretary of Defense for Health Affairs to identify current gaps in medical planning and resources, consider medical capabilities that may mitigate fatalities, enhance battlefield diagnostics, and find solutions for life threatening complications after battlefield injury.

The funding in the Combat Readiness Medical Research program should be used for research and development of rapidly deployable, all-in-one acute and chronic wound care therapy engineered to address complex trauma and start tissue regeneration; freeze dried plasma and platelets; portable neurological devices in support of mild traumatic brain injury assessment; hand-held detection devices for traumatic brain injury; head trauma injury; ruggedized oxygen generation systems; medical simulation technology; sleep disorders; eating disorders; Myalgic Encephalomyelitis/Chronic Fatigue Syndrome; regenerative medicine; sarcoidosis; complementary health measures to accelerate return to duty; highly infectious disease treatment and transport; preventing and relieving service-related arthritis; telemedicine; Valley Fever; and infectious diseases.

#### ELECTRONIC HEALTH RECORDS

The Committee continues to support the efforts that the Department of Defense and the Department of Veterans Affairs are undertaking with regard to electronic health records and the health record system. It is the Committee's ongoing expectation that the Departments' electronic health record systems must be completely and meaningfully interoperable with seamless compatibility.

One of the determining factors setting the timeline for deployment of the electronic health record is the need to improve informational technology and related infrastructure at military medical facilities. The Committee directs the Secretary of Defense to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act on the status of the installation of all remaining information technology and related infrastructure required to complete the deployment of the electronic health record system, including the timeline to complete installation, and costs associated if the Department accelerated the deployment timeline.

The Committee continues to direct the Comptroller General to continue quarterly performance reviews of the deployment of MHS GENESIS with a focus on whether the program is meeting expected cost, schedule, scope, quality, and risk mitigation expectations. It is expected that the Program Executive Officer of Defense Healthcare Management Systems (PEO DHMS) will facilitate quar-

terly performance reviews by providing the Comptroller General with regular and in-depth access to the program.

Additionally, the Committee directs the Director of the Inter-agency 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. The PEO DHMS, in conjunction with the Director of the IPO and the Director of the Defense Health Agency, is directed to provide quarterly reports to the congressional defense committees on the cost of the program, including indirect costs being funded outside of the DHMS Modernization Electronic Health Record program; and the 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.

#### PEER-REVIEWED TOXIC EXPOSURES RESEARCH PROGRAM

The Committee is concerned by the number of known and unknown toxins that servicemembers are exposed to as part of their military service. Since 2006, the Peer-Reviewed Gulf War Illness Research Program has received congressionally directed funding to study the health impacts of deployment of warfighters during the 1990–1991 Persian Gulf War. The Committee remains committed to veterans affected by Gulf War Illness, and also acknowledges that there is commonality with this community and others exposed to substances that result in multiple, diverse symptoms and health abnormalities. Those exposed to burn pits are included in this category. Therefore, the Committee recommends \$30,000,000 for the peer-reviewed toxic exposures research program. The Assistant Secretary of Defense for Health Affairs is directed to select research projects of clear scientific merit and direct relevance to military exposures to toxic substances, including toxic industrial chemicals, materials, metals, and minerals. The inclusion of the toxic exposures research program shall not prohibit research in any other congressionally directed research program that may be associated with conditions or health abnormalities linked to toxic exposures.

As with other research programs, the Committee expects projects funded through the peer-reviewed toxic exposures research program to maintain a focus on issues of significance to military populations and the warfighter, and that the program shall promote 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.

#### COST AND BENEFITS OF MILITARY HEALTH SYSTEM TRANSFORMATION

The Committee remains concerned with the implementation of medical reforms mandated by the National Defense Authorization Act for Fiscal Year 2017. The reforms represent the most significant changes to the Military Health System (MHS) in decades, and the Committee believes it is critical to implement the reforms in

such a way that minimizes risk for servicemembers and beneficiaries.

The Committee has closely followed reform implementation efforts, to include management of the military treatment facilities transitioning from the Services to the Defense Health Agency; descope military treatment facilities; and the Department's evaluation that fewer military medical providers in non-combat critical specialties may be required.

Many assumptions regarding the return on investment from the MHS reforms have been challenged. The ongoing questions and concerns are multifaceted. First, the reforms should not hinder readiness levels or benefits. Second, ensuring that servicemembers and eligible beneficiaries can easily access quality health care is crucial. Third, as private sector care continues to rise, and as more beneficiaries are pushed away from Military Treatment Facilities and into the national markets, the Department of Defense may have less control over costs. The Department does not currently have an objective baseline from which to provide the costs or savings of the MHS reform efforts. Therefore, the Committee directs the Assistant Secretary of Defense for Health Affairs to submit a report to the congressional defense committees, not later than 180 days after the enactment of this Act, providing the baseline funding of the MHS prior to the implementation of the major MHS reform initiatives of fiscal year 2017. This report shall include a retroactive categorization of assumed costs and savings assumed by the reforms; the timeframe to achieve such costs or savings; a description of any assumption of non-monetary return-on-investment; and a prospective cost estimate for the future years defense program related to the MHS reforms, broken out by category and fiscal year.

#### MILITARY MEDICAL MANPOWER

In response to the reforms mandated by the National Defense Authorization Act for Fiscal Year 2017, the fiscal year 2020 President's Budget included a proposal to decrease military medical billets to allow Services to increase the number of operational billets needed for lethality. Since then, Congress has raised concerns about the assumptions behind the reductions and the ability of the Department to meet its obligations to servicemembers and beneficiaries for access to quality healthcare services. Reductions in military medical billets would have major ramifications throughout the Military Health System, yet leaders across the Department have been unable to articulate the consequences of these reductions.

The Committee notes that after further review of several factors, including national defense scenarios and the response to the COVID-19 pandemic, the number of billets the Services seek to eliminate from fiscal year 2023 through fiscal year 2025 has been modified and reduced. No funding was requested in the fiscal year 2023 President's Budget Request for the mitigation of reductions to military medical billets. Each of the Services have presented a plan to reduce billets over the coming years, leaving the Defense Health Agency with the responsibility of backfilling those lost positions with civilian or contracted medical support. The Committee remains concerned about servicemember readiness and beneficiary

care and is troubled that the Services' desire to shed billets is out of balance with survivability requirements in a potential conflict with a near-peer adversary and the obligation to beneficiaries of the military health system. Therefore, the Committee directs the Services' Surgeons General to submit vacancy rates by occupational code to the congressional defense committees on a monthly basis, with the first report being submitted not later than 60 days after the enactment of this Act.

Additionally, the Director, Defense Health Agency shall submit to the congressional defense committees not later than 120 days after the enactment of this Act, a detailed staffing plan, by market, location and type of civilian or contract personnel required, along with a categorization of effort the Defense Health Agency will undergo in recruiting and hiring in those locations for those specific providers. Furthermore, Director of the Defense Health Agency is directed to submit to the congressional defense committees on a quarterly basis, with the first report being submitted the quarter following enactment of this Act, vacancy rates among military and civilian medical personnel by location and specialty.

#### MEDICAL RESEARCH

Beginning in fiscal year 2023, most medical research that had been under Army's Research, Development, Test and Evaluation accounts are scheduled to move to the Defense Health Program. The Committee notes that through careful negotiations between leaders in the Army and Health Affairs, the Army has retained two Service-specific labs in the fiscal year 2023 budget request: the U.S. Army Aeromedical Research Laboratory and the U.S. Army Medical Research Institute of Environmental Medicine. The Committee supports this decision in the fiscal year 2023 recommendation.

The Committee will watch the transition of medical research assets and funding closely in the coming years to ensure that core medical research funding is responsive to the needs of our servicemembers. Additionally, the Committee recommendation for fiscal year 2023 includes \$1,144,000,000 for the Congressionally Directed Medical Research Programs (CDMRP) to fund high-risk, high-reward medical research that impacts our warfighters and Department of Defense beneficiaries. The CDMRP has historically been managed by the Army through the Medical Research and Development Command. The Committee directs the Assistant Secretary of Defense for Health Affairs to submit, to the House and Senate Appropriations Committees, a request for prior approval for any changes in management structure; functional alignment; or two-tiered, peer-reviewed process proposed for the CDMRP program, not less than 30 days prior to any proposed changes taking place.

#### BRAIN INJURY AND DISEASE PREVENTION RESEARCH

The Committee is supportive of ongoing research and development efforts focused on the increased risk of certain conditions after a servicemember experiences traumatic brain injury. The Committee is aware of research into the relationship between traumatic brain injury and neurodegenerative diseases, such as chronic traumatic encephalopathy (CTE) and Parkinson's disease, and rec-



ommends \$65,000,000 aimed at halting the neurodegenerative processes that follow traumatic brain injury. Servicemembers that have experienced traumatic brain injury are at risk for developing CTE and other neurodegenerative diseases associated with significant persistent behavioral and neurologic manifestations. Additional resources will accelerate work in this area and will add to the resources that the Department provides in its core budget for such efforts.

NATIONAL DISASTER MEDICAL SYSTEM PILOT AND JOINT CIVILIAN-  
MILITARY MEDICAL SURGE CAPACITY

The Committee continues to be concerned with the fracturing of the Military Health System and that not enough attention has been paid to the medical capabilities and capacity required for the homeland defense mission. To address these gaps, Congress provided an additional \$30,000,000 over fiscal years 2021 and 2022 to accelerate a pilot program on civilian and military partnerships to enhance interoperability and medical surge capability and capacity of the National Disaster Medical System (NDMS). Additionally, the Committee's fiscal year 2023 recommendation includes \$19,640,000 for the Department of Defense to continue development of a joint civilian-military modular surge capacity and capability to include an additional training function in partnership with the NDMS. This type of modular medical surge and training capacity should be adjacent to existing medical facilities and should include laboratories, intensive care units, and x-rays, and should leverage staff and services available in the adjacent medical facility. The medical surge and training capacity should allow for research and development of best practices for preparedness and response and include transportable clinical response functionality. Funding should be used to initiate facility requirements, including transportable clinical functionality, procurement of needed equipment and supplies, and development and implementation of a full complement of training curriculum and functionality necessary to activate or scale the surge capacity.

MOBILE APPLICATION TO ENABLE PERIODIC HEALTH ASSESSMENTS FOR  
RESERVISTS

The Committee understands that adoption of a mobile application developed by the Department of Defense's Telemedicine and Advanced Technology Research Center (TATRC), piloted in several states by the National Guard, has resulted in enhanced medical readiness. The Committee recommends an increase of \$2,000,000 for TATRC to expand implementation of a mobile application that would enable Reservists to complete the Periodic Health Assessment on a smartphone, tablet, computer, or other handheld mobile device and connect directly with providers. The Committee recommends that the Assistant Secretary of Defense for Health Affairs coordinate with the Chief of the Navy Reserve, Chief of the Army Reserve, and the Chief of the Air Force Reserve to implement this effort and ensure full compliance with Department of Defense cybersecurity protocols.

HEALTH AND WELLNESS OUTCOMES FOR MILITARY FAMILIES THROUGH  
OUTDOOR RECREATION AND EDUCATION

The Committee recognizes the wellness and health benefits of organized outdoor recreation and education activities for servicemembers and military families. Intentional, structured outdoor recreation and engagement activities offer a host of benefits, including positive health and behavioral outcomes for participants. The Committee includes \$5,000,000 above the request and directs the Assistant Secretary of Defense for Health Affairs to establish an outdoor recreation wellness program for military families in conjunction with vetted non-governmental partners and using a progression of immersive experiences on national parks, public lands, and waterways.

MENTAL HEALTH PROFESSIONALS AND TRAINING

The Committee remains concerned about the shortage of current and prospective mental health care professionals for servicemembers and their families, including social workers, clinical psychologists, and psychiatrists. To address the shortage across the military health system, the Committee urges the Assistant Secretary of Defense for Health Affairs, along with the Director of the Defense Health Agency and Services' Surgeons General, to review the tools available to the Department to increase the number of mental health professionals it educates, trains, and hires. This review should consider how the Health Professions Scholarship Program and programming through Uniformed Services University of the Health Sciences could be expanded to increase the number of mental health-related scholarships granted with the goal of increasing the pipeline of mental health providers. Additionally, the Committee encourages the Assistant Secretary of Defense for Health Affairs to revise regulations regarding employment of clinical psychologists to include those who graduate from programs accredited by the Psychological Clinical Science Accreditation System to ensure the Department has full access to qualified clinical psychologists.

The Committee notes that the shortage of behavioral health professionals is not limited to the military health system. It is a nationwide dilemma. Servicemembers, veterans, and their families face unique mental health challenges, and mental health services are not solely accessed within the military health system. While professionals working in the military health system are accustomed to dealing with the special needs of those who have experienced combat, many civilian providers lack the clinical expertise to effectively treat many of these unique mental health conditions. The Committee encourages the Assistant Secretary of Defense for Health Affairs to leverage the Uniformed Services University of the Health Sciences, in collaboration with leaders at the Department of Veterans Affairs, to develop a curriculum that could be accessed by civilian mental health students to broaden their knowledge, skills, and abilities that are necessary to evaluate and treat service members, veterans, and military family members.

Additionally, the Committee notes that mental health training and services vary across the world. The Committee encourages the

Assistant Secretary of Defense for Health Affairs to explore options for providing training and equipment for effective short- and long-term post-traumatic stress disorder treatment to military medical practitioners in partner nations, including Ukraine.

#### NON-URGENT MENTAL HEALTH ASSESSMENTS

The Committee directs the Director of the Defense Health Agency (DHA) to provide a briefing to the congressional defense committees not later than 90 days after the enactment of this Act on the progress made to implement the recommendations of the August 2020 Department of Defense Inspector General Evaluation of Access to Mental Health Care in the Department of Defense. In particular, the Committee is interested in the DHA's progress in developing a standard definition and required elements for an initial non-urgent mental health assessment and a way to track whether the assessment is completed, in either a primary care or a specialty mental health clinic, within the 7-day standard. The briefing shall also include resource requirements that may be necessary to accomplish implementation of the Inspector General's recommendations.

#### ADVANCED ORTHOPEDIC SURGICAL TRAINING FOR MILITARY ORTHOPEDIC SURGEONS

The Committee understands that servicemembers often must undergo orthopedic procedures and that musculoskeletal injuries account for a significant number of medical separations or retirements from military service. Delivery of direct training based on best practices related to orthopedic procedures for injuries to the knee, shoulder, and other extremities has become an increasingly important readiness issue. The Committee encourages the Assistant Secretary of Defense for Health Affairs to ensure that military orthopedic health professionals are provided with opportunities for advanced surgical training in arthroscopic techniques and to explore partnerships with medical professional societies that maintain best practices related to arthroscopic surgery and techniques.

#### NEURAL-ENABLED PROSTHETICS

The Committee understands the uniqueness of traumatic injuries and neurological diseases sustained by servicemembers in combat. Extramural research focused on accelerating functional recovery and rehabilitation of sensorimotor function that is also personalized to the needs of the patient would be valuable to injured servicemembers and their caregivers. The Committee is aware of the promising technology of wirelessly activated implantable biomedical technologies capable of focal stimulation inside nerves and encourages the Assistant Secretary of Defense for Health Affairs to explore research into such technologies to offset the effects of limb amputation, orthopedic injury and disease, and other neurodegenerative diseases.

## LONG COVID AND MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME

The Committee urges the Secretary of Defense, in conjunction with the Service Surgeons General, to address research projects related to diagnostic testing, cures, and treatments for post-viral illness, specifically Long COVID and myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS). The Committee recommends that the Assistant Secretary of Defense for Health Affairs conduct research on Long COVID and ME/CFS with a focus on issues related to military populations.

## MILITARY DIRECT CARE PROVIDER EDUCATION ON EATING DISORDERS

The Committee understands that servicemembers, particularly active duty servicewomen, and their families are disproportionately affected by the serious mental illness of eating disorders, threatening their health and combat readiness. Medical and behavioral health professionals in the military health systems should be trained, consistent with generally accepted standards of care, on how to screen, intervene, and refer patients to treatment. The Committee directs the Assistant Secretary of Defense for Health Affairs, in collaboration with the Services' Surgeons General, to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act, on related education and training activities undertaken by direct care providers, the use of generally accepted standards of care and screenings of servicemembers, and any barriers to implementing a standard, mandatory training for providers seeing patients suffering from eating disorders.

## METASTATIC CANCER RESEARCH

Research has revealed that there is a genetic basis for susceptibility to metastatic cancer or resistance to metastasis, but more research and data are required to develop a comprehensive understanding of this complex process. Clinical trials are an important aspect of that progress, and a diverse representation of patients in clinical trials is integral to the development of medications and therapies that effectively treat disease. The Committee encourages the Director of the Congressionally Directed Medical Research Program to continue to partner with outside experts and other federal agencies to implement the outstanding recommendation from the April 2018 Task Force Report to Congress on Metastatic Cancer concerning diverse enrollment in clinical trials. The Committee also encourages the Assistant Secretary of Defense for Health Affairs to implement the recommendations to inform patients about risk factors for metastasis (such as compliance, obesity, smoking, and alcohol use), increase cancer patient awareness of healthcare resources, and create standardized survivorship care plans for patients with metastatic cancer while validating whether their use improves outcomes for these patients. The Committee is interested in areas where assistance from other federal agencies is required to fully implement the recommendations of the Task Force's report. In addition to the report required by the Department of Defense Appropriations Act, 2022, the Committee directs the Assistant Secretary

of Defense for Health Affairs to provide an updated report, not later than 90 days after the enactment of this Act, to the House and Senate Appropriations Committees on the progress of implementing the recommendations, including an identification of any barriers to implementation and further recommendations to improve diverse research opportunities for metastatic cancer research for congressional consideration.

#### NATIONAL INTREPID CENTER OF EXCELLENCE

As servicemembers and veterans continue to face higher rates of brain trauma than civilians, it is imperative that agencies continue to collaborate to study neurological conditions. The Committee recognizes the high-quality mental health care and neurological research being conducted at the Centers of Excellence for Psychological Health and Traumatic Brain Injury, and encourages the Assistant Secretary of Defense for Health Affairs to leverage the tremendous efforts of the National Intrepid Center of Excellence to expand its work and share best practices with the Department of Veterans Affairs in order to strengthen research capacity and streamline access to preventative care. The Committee also applauds the partnership across the Military Health System Centers of Excellence and encourages the Assistant Secretary of Defense for Health Affairs to streamline and standardize operating procedures and collaboration guidelines across the locations.

#### ACCESS TO INFERTILITY TREATMENT

The Committee acknowledges infertility is a widespread problem, affecting both men and women of diverse ages, races, ethnicities, and genders, and the Committee notes the difficulty servicemembers may face in receiving infertility treatment while on active duty. The Committee urges the Secretary of Defense to prioritize expansion fertility procedures accessible to servicemembers. The Committee also encourages waivers to be considered for servicemembers undergoing infertility treatment, including waivers for “time trying” requirements, particularly for dual-military couples with co-location constraints.

#### IMPROVING COMBAT READINESS AND WARFIGHTER HEALTH

The Committee is aware that health research and clinical practice do not take sex-based differences into account consistently. It is of crucial importance to address sex-based differences in the immune system to provide optimal disease prevention, treatment, and management for all servicemembers. The Committee encourages the Assistant Secretary of Defense for Health Affairs and the Director of the Congressionally Directed Medical Research Program to explore the improvement of combat readiness and long-term health of the warfighter by understanding sex-based differences in the immune system.

#### TRANSITION OF MILITARY HEALTH SYSTEM TO THE DEFENSE HEALTH AGENCY

The Committee is dismayed by what appears to be a deprioritization of healthcare programs that had been included in

Service core budgets in previous years. With the transition of resources and management of health care services from the Military Departments to the Defense Health Agency (DHA), the Committee is concerned that, in many cases, investments that the Services had made to best serve their soldiers, sailors, airmen, marines, guardians, and their families, may not transfer to DHA and may be terminated without executing option years with little explanation. If there were successful programs in the Services, there should be good justification for why those programs would not continue at DHA. As such, in order to increase oversight of these decisions and subsequent funding implications, the Assistant Secretary of Defense for Health Affairs, along with the Director of the DHA and Service Secretaries, shall submit a report to the congressional defense committees not later than 60 days after the enactment of this Act detailing the factors that are being used to evaluate medical and health contracts that had been funded within the Services for fiscal years 2021 and/or fiscal year 2022 to determine whether such contracts should be retained.

#### CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Fiscal year 2023 budget request .....	\$1,059,818,000
Committee recommendation .....	1,059,818,000
Change from budget request .....	-----

The Committee recommends an appropriation of \$1,059,818,000 for Chemical Agents and Munitions Destruction, Defense which will provide the following program in fiscal year 2023:

#### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE .....	84,612	84,612	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION .....	975,206	975,206	0
TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE ..	1,059,818	1,059,818	0

#### DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES, DEFENSE

Fiscal year 2023 budget request .....	\$855,728,000
Committee recommendation .....	878,027,000
Change from budget request .....	+22,299,000

The Committee recommends an appropriation of \$878,027,000 for Drug Interdiction and Counter-Drug Activities, Defense which will provide the following program in fiscal year 2023:

#### EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
COUNTER-NARCOTICS SUPPORT .....	619,474	547,878	-71,596
Transfer to National Guard Counter-Drug Program .....		-40,343	
Undistributed reduction .....		-6,300	

## EXPLANATION OF PROJECT LEVEL ADJUSTMENTS—Continued

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Program decrease: Project 1387 .....		– 6,644	
Program decrease: Project 5111 .....		– 2,669	
Reduce duplicative efforts .....		– 15,640	
DRUG DEMAND REDUCTION PROGRAM .....	130,060	130,060	0
NATIONAL GUARD COUNTER-DRUG PROGRAM 100,316 .....	100,316	194,211	93,895
Transfer from Counter-Narcotics Support .....		40,343	
Program increase .....		53,552	
NATIONAL GUARD COUNTER-DRUG SCHOOLS .....	5,878	5,878	0
TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	855,728	878,027	22,299

The Committee recommendation includes \$547,878,000 for Counter-Narcotics Support, which supports the counternarcotics activities of United States Northern Command and United States Southern Command, including the operations of the Joint Inter-agency Task Force South.

The recommendation reduces funding for international programs, which are supported elsewhere in this Act. The Secretary of Defense is directed to ensure that international programs requested and supported by this account do not duplicate programs funded by the Defense Security Cooperation Agency in the Operation and Maintenance, Defense-Wide account. Any congressional notification submitted pursuant to 10 U.S.C. 284 shall identify any resources within the Operation and Maintenance, Defense-Wide account that are allocated for similar or related purposes.

The Secretary of Defense is directed to provide quarterly reports to the House and Senate Appropriations Committees on the use and status of funds provided under this heading, including information for each project as identified in the Project Definitions (PB 47) budget exhibit of the fiscal year 2023 budget justification materials and other documentation supporting the fiscal year 2023 budget request. The report shall be submitted in unclassified form but may be accompanied by a classified annex.

## OFFICE OF THE INSPECTOR GENERAL

Fiscal year 2023 budget request .....	\$479,359,000
Committee recommendation .....	\$479,359,000
Change from budget request .....	— — —

The Committee recommends an appropriation of \$479,359,000 for the Office of the Inspector General which will provide the following program in fiscal year 2023:

## EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE .....	475,971	475,971	0
PROCUREMENT .....	1,524	1,524	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION .....	1,864	1,864	0

## EXPLANATION OF PROJECT LEVEL ADJUSTMENTS—Continued

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
TOTAL, OFFICE OF THE INSPECTOR GENERAL .....	479,359	479,359	0

## COUNTER-ISIS TRAIN AND EQUIP FUND REVIEW

The Committee directs the Inspector General to review Department of Defense measures in place to ensure funds appropriated under the heading Counter-ISIS Train and Equip Fund reach their intended recipients and other measures to prevent waste, fraud, and abuse, and to submit a report and recommendations to the congressional defense committees not later than 90 days after the enactment of this Act.



TITLE VII

RELATED AGENCIES

NATIONAL AND MILITARY INTELLIGENCE PROGRAMS

The National Intelligence Program and the Military Intelligence Program budgets funded in this 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, and Air Force, and the CIA Retirement and Disability fund.

CLASSIFIED ANNEX

Adjustments to classified programs are addressed in a separate, detailed, and comprehensive classified annex. The Intelligence Community, the 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, 2023.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND  
DISABILITY SYSTEM FUND

Fiscal year 2023 budget request .....	\$514,000,000
Committee recommendation .....	514,000,000
Change from budget request .....	---

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

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.

INTELLIGENCE COMMUNITY MANAGEMENT ACCOUNT

Fiscal year 2023 budget request .....	\$635,000,000
Committee recommendation .....	578,705,000
Change from budget request .....	-56,295,000

The Committee recommends an appropriation of \$578,705,000 for the Intelligence Community Management Account.



## TITLE VIII

### GENERAL PROVISIONS

Title VIII of the accompanying bill includes 146 general provisions. A brief 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 funds to other military functions.

Section 8006 has been amended and 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 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 has been amended and provides limitations and conditions on the use of funds made available in this Act to initiate multiyear procurement contracts.

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

Section 8012 has been amended and stipulates 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-Protege Program.

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

Section 8017 provides that no funds made available in this Act shall be used for the support of any non-appropriated funds activity of the Department of Defense that procures malt beverages and wine except under certain conditions.

Section 8018 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 8019 provides a limitation on funds being used for the relocation of any Department of Defense entity into or within the National Capital Region.

Section 8020 provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544).

Section 8021 provides for the conveyance, without consideration, of relocatable housing units that are excess to the needs of the Air Force.

Section 8022 provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Section 8023 provides that no funding for the Defense Media Activity may be used for national or international political or psychological activities.

Section 8024 is new and provides the minimum wage for certain employees.

Section 8025 has been amended and provides funding for the Civil Air Patrol Corporation.

Section 8026 has been amended and prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers (FFRDCs), with certain limitations, and increases funding provided for FFRDCs.

Section 8027 defines the congressional defense committees as the Armed Services Committees of the House and Senate and the Subcommittees on Defense of the House and Senate Appropriations Committees.

Section 8028 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 House and Senate Appropriations Committees.

Section 8029 provides for competitions between private firms and Department of Defense depot maintenance activities.

Section 8030 is amended and requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

Section 8031 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 8032 provides for the revocation of blanket waivers of the Buy American Act.

Section 8033 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 8034 has been amended and appropriates funding for the National Defense Stockpile Transaction Fund.

Section 8035 prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

Section 8036 has been amended and provides for a waiver of "Buy American" provisions for certain cooperative programs.

Section 8037 has been amended and 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 4862(b) of title 10, United States Code.

Section 8038 provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Section 8039 has been amended and provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than \$350,000.

Section 8040 provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Section 8041 prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Section 8042 prohibits the use of Working Capital Funds to purchase specified investment items.

Section 8043 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 8044 is new and authorizes the Central Intelligence Agency to protect its domestic facilities from unmanned aircraft systems.

Section 8045 places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Section 8046 has been amended and places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

(RESCISSIONS)

Section 8047 has been amended and provides for the rescission of \$716,375,000 from the following programs:

2021 Appropriations:

Aircraft Procurement, Army:	
ARL SEMA MODS .....	7,300,000
Other Procurement, Army:	
Joint Information Environment .....	3,177,000
Aircraft Procurement, Air Force:	
H-60 .....	8,500,000
KC-46A MDAP .....	40,600,000

2022 Appropriations:	
Operation and Maintenance, Defense-Wide:	
DSCA Security Cooperation .....	75,000,000
DSCA Coalition Support Funds .....	25,000,000
DSCA Border Security .....	75,000,000
Counter-ISIS Train and Equip Fund:	
Counter-ISIS Train and Equip Fund .....	100,000,000
Aircraft Procurement, Army:	
ARL SEMA MODS .....	9,437,000
Other Procurement, Army:	
Joint Effects Targeting System .....	51,896,000
Contract Writing System .....	12,671,000
Building, Pre-Fab, Relocatable .....	6,977,000
Weapons Procurement, Navy:	
Drones and Decoys .....	30,321,000
Aircraft Procurement, Air Force:	
E-3 .....	30,000,000
H-60 .....	2,000,000
KC-46A MDAP .....	32,000,000
Research, Development, Test and Evaluation, Army:	
Information Technology Development .....	26,700,000
Research, Development, Test and Evaluation, Air Force:	
Advanced Technology and Sensors (C-ABSAA) .....	9,104,000
AWACS .....	20,000,000
Battlefield Airborne Communication Node (BACN) .....	26,292,000
HC/MC-130 Recap .....	30,000,000
HH-60W Combat Rescue Helicopter .....	14,400,000
Stand-in Attack Weapon .....	50,000,000
No-Year Appropriations:	
Defense Working Capital Funds:	
Defense Counterintelligence and Security Agency Working Capital Fund .....	30,000,000

Section 8048 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 8049 prohibits funding from being obligated or expended for assistance to the Democratic People's Republic of Korea unless specifically appropriated for that purpose.

Section 8050 provides for reimbursement to the National Guard and reserve when members of the National Guard and reserve provide intelligence or counterintelligence support to the combatant commands, defense agencies, and joint intelligence activities.

Section 8051 prohibits the transfer of Department of Defense and Central Intelligence Agency drug interdiction and counter-drug activities funds to other agencies.

Section 8052 provides funding for Red Cross and United Services Organization grants.

Section 8053 provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Section 8054 prohibits funding from being used for contractor bonuses being paid due to business restructuring.

Section 8055 provides transfer authority for the pay of military personnel in connection with support and services for eligible organizations and activities outside the Department of Defense.

Section 8056 provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Section 8057 provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Section 8058 has been amended and provides funding for Sexual Assault Prevention and Response Programs.

Section 8059 has been amended and 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 8060 prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Section 8061 provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

Section 8062 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 8063 provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Section 8064 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 8065 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 8066 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 8067 prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

Section 8068 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 8069 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 8070 provides for the transfer of funds made available in this Act under Operation and Maintenance, Navy to the John C. Stennis Center for Public Service Development Trust Fund.

Section 8071 prohibits the modification of command and control relationships to give Fleet Forces Command operational and administrative control of United States Navy forces assigned to the Pacific fleet.

Section 8072 requires notification for the rapid acquisition and deployment of supplies and associated support services.

Section 8073 provides funding and transfer authority for the Israeli Cooperative Programs.

Section 8074 has been amended and provides for the funding of prior year shipbuilding cost increases.

Section 8075 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 8076 prohibits funding from being used to initiate a new start program without prior written notification.

Section 8077 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.

Section 8078 prohibits funding from being used for the research, development, test, evaluation, procurement, or deployment of nuclear armed interceptors of a missile defense system.

Section 8079 makes funds available for transfer for the purposes of rapid acquisition and deployment of supplies and associated support services.

Section 8080 prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Section 8081 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 8082 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 8083 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 8084 provides limitations on the Shipbuilding and Conversion, Navy appropriation.

Section 8085 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 8086 places limitations on the reprogramming of funds from the Department of Defense Acquisition Workforce Development Account.

Section 8087 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. 3024(d)).

Section 8088 provides that any agency receiving funds made available in this Act shall post on a public website any report required to be submitted to Congress with certain exceptions.

Section 8089 prohibits the use of funds for federal contracts in excess of \$1,000,000 unless the contractor meets certain conditions.



Section 8090 provides funds for transfer to the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8091 prohibits the use of funds providing certain missile defense information to certain entities.

Section 8092 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 8093 provides the Director of National Intelligence with general transfer authority with certain limitations.

Section 8094 has been amended and authorizes the use of funds in the Shipbuilding and Conversion, Navy account to purchase two used auxiliary vessels for the National Defense Reserve Fleet.

Section 8095 directs the Secretary of Defense to post grant awards on a public Web site in a searchable format.

Section 8096 prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8097 places restrictions on transfer amounts available to pay salaries for non-Department of Defense personnel.

Section 8098 provides that operation and maintenance funds may be used for any purposes related to the National Defense Reserve Fleet.

Section 8099 prohibits the use of funds to award a new TAO Fleet Oiler or FFG Frigate program contract for the acquisition of certain components unless those components are manufactured in the United States.

Section 8100 prohibits funds for the development and design of certain future naval ships unless any contract specifies that all hull, mechanical, and electrical components are manufactured in the United States.

Section 8101 has been amended and prohibits funds for the decommissioning of certain Littoral Combat Ships.

Section 8102 prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Section 8103 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8104 prohibits the use of funding for information technology systems that do not have pornographic content filters.

Section 8105 has been amended and makes funds available through the Office of Local Defense Community Cooperation for transfer to the Secretary of Education, to make grants to construct, renovate, repair, or expand elementary and secondary public schools on military installations.

Section 8106 provides guidance on the implementation of the Policy for Assisted Reproductive Services for the Benefit of Seriously or Severely Ill/Injured Active Duty Service Members.

Section 8107 places restrictions on the use of funding for military parades.

Section 8108 has been amended and provides for the use of funds to modify up to six F-35 Joint Strike Fighters per variant to a test configuration.

Section 8109 prohibits funds in the Act from being used to enter into a contract or provide a loan to any corporation that has any unpaid Federal tax liability.

Section 8110 prohibits funds from being used to transfer the National Reconnaissance Office to the Space Force.

Section 8111 requires the Secretary of Defense to make a certification prior to the transfer of any element to the Space Force.

Section 8112 prohibits funds to establish a field operating agency of the Space Force.

Section 8113 provides authority to exceed working capital fund limitations.

Section 8114 has been amended and provides funds for agile development, test and evaluation, procurement, production and modification, and the operation and maintenance for certain software pilot programs.

Section 8115 prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Section 8116 has been amended and provides for the obligation of funds in anticipation of receipt of contributions from the Government of Kuwait.

Section 8117 requires notification of the receipt of contributions from foreign governments.

Section 8118 provides for the procurement of certain vehicles in the United States Central Command area.

Section 8119 is new and requires notification for the establishment of any overseas or foreign base.

Section 8120 is new and requires that the Secretary of Defense provide a report on any deployment of any United States Armed Forces personnel.

Section 8121 is new and requires the Chairman the Joint Chiefs to report on any unplanned activity or exercise.

Section 8122 prohibits funding from being used in contravention of the War Powers Resolution.

Section 8123 prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution.

Section 8124 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 8125 has been amended and provides that nothing in this Act may be construed as authorizing the use of force against Iran and North Korea.

Section 8126 prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Section 8127 prohibits the use of funding under certain headings to procure or transfer man-portable air defense systems.

Section 8128 prohibits funding from being used in violation the Child Soldiers Prevention Act of 2008.

Section 8129 has been amended and prohibits funds for any member of the Taliban.

Section 8130 has been amended and provides that certain support to friendly foreign countries be made in accordance with section 8005 of this Act.

Section 8131 has been amended and provides funding for International Security Cooperation Programs.

Section 8132 has been amended and provides funding to reimburse key cooperating nations for logistical, military, and other support.

Section 8133 provides funding to reimburse certain countries for border security.

Section 8134 provides security assistance to the Government of Jordan.

Section 8135 provides security assistance to the Ukraine.

Section 8136 prohibits funds from being used to enter into a contract with Rosoboronexport.

Section 8137 prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Section 8138 is new and prohibits funds to support military operations conducted by the Saudi-led coalition against the Houthis in the war in Yemen.

Section 8139 is new and prohibits funds to operate the detention facility at United States Naval Station, Guantanamo Bay, Cuba.

Section 8140 is new and allows for the transfer of funds for cyber activities.

Section 8141 has been amended and provides lift and sustainment to coalition forces.

Section 8142 is new and provides funding and the authority to address the issues at Red Hill Bulk Fuel Storage Facility.

Section 8143 is new and provides the Secretary of Defense the authority to expend funding to address the Red Hill Bulk Fuel Storage Facility issue.

Section 8144 is new and provides additional funding for pay for military personnel.

Section 8145 is new and prohibits funding from being used to reduce the availability of aircraft primarily in support of congressional travel.

Section 8146 is new and prohibits funds from being used to deny leave for health services.

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
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MILITARY PERSONNEL, ARMY				
ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS				
5	BASIC PAY.....	8,689,619	8,689,619	---
10	RETIRED PAY ACCRUAL.....	3,125,891	3,125,891	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	88,023	88,023	---
25	BASIC ALLOWANCE FOR HOUSING.....	2,530,707	2,530,707	---
30	BASIC ALLOWANCE FOR SUBSISTENCE.....	342,438	342,438	---
35	INCENTIVE PAYS.....	103,111	103,111	---
40	SPECIAL PAYS.....	368,226	368,226	---
45	ALLOWANCES.....	187,440	187,440	---
50	SEPARATION PAY.....	73,246	73,246	---
55	SOCIAL SECURITY TAX.....	663,067	663,067	---
	TOTAL, BUDGET ACTIVITY 1.....	16,171,768	16,171,768	---
-----				
ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL				
60	BASIC PAY.....	15,835,980	15,835,980	---
65	RETIRED PAY ACCRUAL.....	5,719,856	5,719,856	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	258,147	258,147	---
80	BASIC ALLOWANCE FOR HOUSING.....	5,367,592	5,367,592	---
85	INCENTIVE PAYS.....	88,064	88,064	---
90	SPECIAL PAYS.....	720,050	720,050	---
95	ALLOWANCES.....	704,619	704,619	---
100	SEPARATION PAY.....	291,756	291,756	---
105	SOCIAL SECURITY TAX.....	1,211,452	1,211,452	---
	TOTAL, BUDGET ACTIVITY 2.....	30,197,516	30,197,516	---
-----				

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
110 ACADEMY CADETS.....	101,808	101,808	---
ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115 BASIC ALLOWANCE FOR SUBSISTENCE.....	1,408,398	1,408,398	---
120 SUBSISTENCE-IN-KIND.....	756,055	756,055	---
TOTAL, BUDGET ACTIVITY 4.....	2,164,453	2,164,453	---
ACTIVITY 5: PERMANENT CHANGE OF STATION			
125 ACCESSION TRAVEL.....	138,210	138,210	---
130 TRAINING TRAVEL.....	172,155	172,155	---
135 OPERATIONAL TRAVEL.....	476,368	476,368	---
140 ROTATIONAL TRAVEL.....	678,677	678,677	---
145 SEPARATION TRAVEL.....	225,192	225,192	---
150 TRAVEL OF ORGANIZED UNITS.....	2,369	2,369	---
155 NON-TEMPORARY STORAGE.....	8,744	8,744	---
160 TEMPORARY LODGING EXPENSE.....	30,800	30,800	---
TOTAL, BUDGET ACTIVITY 5.....	1,732,515	1,732,515	---
ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170 APPREHENSION OF MILITARY DESERTERS.....	130	130	---
175 INTEREST ON UNIFORMED SERVICES SAVINGS.....	2,358	2,358	---
180 DEATH GRATUITIES.....	49,200	49,200	---
185 UNEMPLOYMENT BENEFITS.....	85,484	85,484	---
195 EDUCATION BENEFITS.....	11	11	---
200 ADOPTION EXPENSES.....	526	526	---
210 TRANSPORTATION SUBSIDY.....	10,728	10,728	---
215 PARTIAL DISLOCATION ALLOWANCE.....	98	98	---
216 SGLI EXTRA HAZARD PAYMENTS.....	3,521	3,521	---
217 RESERVE OFFICERS TRAINING CORPS (ROTC).....	102,255	102,255	---
218 JUNIOR ROTC.....	24,660	24,660	---
TRAUMATIC INJURY PROTECTION COVERAGE (T-SGLI).....	500	500	---
TOTAL, BUDGET ACTIVITY 6.....	279,471	279,471	---

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
LESS REIMBURSABLES.....	-342,276	-342,276	---
UNDISTRIBUTED ADJUSTMENT.....	---	-160,800	-160,800
	=====	=====	=====
TOTAL, TITLE I, MILITARY PERSONNEL, ARMY.....	50,305,255	50,144,455	-160,800
HEALTH CARE CONTRIBUTION - OFFICERS.....	535,933	535,933	---
HEALTH CARE CONTRIBUTION - ENLISTED.....	2,158,238	2,158,238	---
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TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	2,694,171	2,694,171	---
TOTAL, MILITARY PERSONNEL, ARMY.....	52,999,426	52,838,626	-160,800
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MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
MILITARY PERSONNEL, NAVY				
ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS				
5	BASIC PAY.....	5,159,618	5,159,618	---
10	RETIRED PAY ACCRUAL.....	1,896,069	1,896,069	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	66,077	66,077	---
25	BASIC ALLOWANCE FOR HOUSING.....	1,762,103	1,762,103	---
30	BASIC ALLOWANCE FOR SUBSISTENCE.....	197,763	197,763	---
35	INCENTIVE PAYS.....	160,679	160,679	---
40	SPECIAL PAYS.....	473,069	473,069	---
45	ALLOWANCES.....	123,399	123,399	---
50	SEPARATION PAY.....	58,370	58,370	---
55	SOCIAL SECURITY TAX.....	393,882	393,882	---
	TOTAL, BUDGET ACTIVITY 1.....	10,291,029	10,291,029	---
-----				
ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL				
60	BASIC PAY.....	11,631,449	11,631,449	---
65	RETIRED PAY ACCRUAL.....	4,283,545	4,283,545	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	183,647	183,647	---
80	BASIC ALLOWANCE FOR HOUSING.....	5,368,651	5,368,651	---
85	INCENTIVE PAYS.....	118,029	118,029	---
90	SPECIAL PAYS.....	1,085,609	1,085,609	---
95	ALLOWANCES.....	546,816	546,816	---
100	SEPARATION PAY.....	116,937	116,937	---
105	SOCIAL SECURITY TAX.....	889,825	889,825	---
	TOTAL, BUDGET ACTIVITY 2.....	24,224,508	24,224,508	---
-----				
ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN				
110	MIDSHIPMEN.....	102,772	102,772	---

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115 BASIC ALLOWANCE FOR SUBSISTENCE.....	979,326	979,326	---
120 SUBSISTENCE-IN-KIND.....	464,095	464,095	---
121 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	5	5	---
	-----	-----	-----
TOTAL, BUDGET ACTIVITY 4.....	1,443,426	1,443,426	---
ACTIVITY 5: PERMANENT CHANGE OF STATION			
125 ACCESSION TRAVEL.....	96,540	96,540	---
130 TRAINING TRAVEL.....	105,554	105,554	---
135 OPERATIONAL TRAVEL.....	277,373	277,373	---
140 ROTATIONAL TRAVEL.....	233,664	233,664	---
145 SEPARATION TRAVEL.....	135,929	135,929	---
150 TRAVEL OF ORGANIZED UNITS.....	30,867	30,867	---
155 NON-TEMPORARY STORAGE.....	15,647	15,647	---
160 TEMPORARY LODGING EXPENSE.....	20,926	20,926	---
	-----	-----	-----
TOTAL, BUDGET ACTIVITY 5.....	916,500	916,500	---
ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170 APPREHENSION OF MILITARY DESERTERS.....	55	55	---
175 INTEREST ON UNIFORMED SERVICES SAVINGS.....	664	664	---
180 DEATH GRATUITIES.....	21,200	21,200	---
185 UNEMPLOYMENT BENEFITS.....	38,528	38,528	---
195 EDUCATION BENEFITS.....	543	543	---
200 ADOPTION EXPENSES.....	126	126	---
210 TRANSPORTATION SUBSIDY.....	3,168	3,168	---



MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
215 PARTIAL DISLOCATION ALLOWANCE.....	16	16	---
216 SGLI EXTRA HAZARD PAYMENTS.....	3,805	3,805	---
217 RESERVE OFFICERS TRAINING CORPS (ROTC).....	22,926	22,926	---
218 JUNIOR ROTC.....	15,924	15,924	---
TOTAL, BUDGET ACTIVITY 6.....	106,955	106,955	---
LESS REIMBURSABLES.....	-455,964	-455,964	---
UNDISTRIBUTED ADJUSTMENT.....	---	-385,189	-385,189
	=====	=====	=====
TOTAL, TITLE I, MILITARY PERSONNEL, NAVY.....	36,629,226	36,244,037	-385,189
300 HEALTH CARE CONTRIBUTION - OFFICERS.....	328,907	328,907	---
300 HEALTH CARE CONTRIBUTION - ENLISTED.....	1,657,214	1,657,214	---
TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	1,986,121	1,986,121	---
TOTAL, MILITARY PERSONNEL, NAVY.....	38,615,347	38,230,158	-385,189
	=====	=====	=====

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
MILITARY PERSONNEL, MARINE CORPS				
ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS				
5	BASIC PAY.....	1,891,628	1,891,628	---
10	RETIRED PAY ACCRUAL.....	696,947	696,947	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	30,075	30,075	---
25	BASIC ALLOWANCE FOR HOUSING.....	619,108	619,108	---
30	BASIC ALLOWANCE FOR SUBSISTENCE.....	75,580	75,580	---
35	INCENTIVE PAYS.....	53,336	53,336	---
40	SPECIAL PAYS.....	14,076	14,076	---
45	ALLOWANCES.....	40,497	40,497	---
50	SEPARATION PAY.....	20,244	20,244	---
55	SOCIAL SECURITY TAX.....	140,210	140,210	---
	TOTAL, BUDGET ACTIVITY 1.....	3,581,701	3,581,701	---
-----				
ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL				
60	BASIC PAY.....	5,548,684	5,548,684	---
65	RETIRED PAY ACCRUAL.....	2,042,496	2,042,496	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	150,520	150,520	---
80	BASIC ALLOWANCE FOR HOUSING.....	1,711,955	1,711,955	---
85	INCENTIVE PAYS.....	8,881	8,881	---
90	SPECIAL PAYS.....	213,348	213,348	---
95	ALLOWANCES.....	307,453	307,453	---
100	SEPARATION PAY.....	101,202	101,202	---
105	SOCIAL SECURITY TAX.....	424,068	424,068	---
	TOTAL, BUDGET ACTIVITY 2.....	10,508,607	10,508,607	---

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115 BASIC ALLOWANCE FOR SUBSISTENCE.....	453,167	453,167	---
120 SUBSISTENCE-IN-KIND.....	344,323	344,323	---
121 FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE.....	10	10	---
TOTAL, BUDGET ACTIVITY 4.....	797,500	797,500	---
-----			
ACTIVITY 5: PERMANENT CHANGE OF STATION			
125 ACCESSION TRAVEL.....	49,648	49,648	---
130 TRAINING TRAVEL.....	18,820	18,820	---
135 OPERATIONAL TRAVEL.....	161,027	161,027	---
140 ROTATIONAL TRAVEL.....	89,215	89,215	---
145 SEPARATION TRAVEL.....	87,105	87,105	---
150 TRAVEL OF ORGANIZED UNITS.....	1,116	1,116	---
155 NON-TEMPORARY STORAGE.....	10,380	10,380	---
160 TEMPORARY LODGING EXPENSE.....	2,180	2,180	---
TOTAL, BUDGET ACTIVITY 5.....	419,491	419,491	---
-----			
ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170 APPREHENSION OF MILITARY DESERTERS.....	250	250	---
175 INTEREST ON UNIFORMED SERVICES SAVINGS.....	126	126	---
180 DEATH GRATUITIES.....	13,400	13,400	---
185 UNEMPLOYMENT BENEFITS.....	31,089	31,089	---
195 EDUCATION BENEFITS.....	1	1	---
200 ADOPTION EXPENSES.....	70	70	---
210 TRANSPORTATION SUBSIDY.....	1,529	1,529	---
215 PARTIAL DISLOCATION ALLOWANCE.....	9	9	---
216 SGLI EXTRA HAZARD PAYMENTS.....	2,319	2,319	---
218 JUNIOR ROTC.....	3,999	3,999	---
TOTAL, BUDGET ACTIVITY 6.....	52,792	52,792	---

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
LESS REIMBURSABLES.....	-30,023	-30,023	---
UNDISTRIBUTED ADJUSTMENT.....	---	-99,296	-99,296
	=====	=====	=====
TOTAL, TITLE I, MILITARY PERSONNEL, MARINE CORPS....	15,330,068	15,230,772	-99,296
300 HEALTH CARE CONTRIBUTION - OFFICERS.....	126,511	126,511	---
300 HEALTH CARE CONTRIBUTION - ENLISTED.....	900,862	900,862	---
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TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	1,027,373	1,027,373	---
TOTAL, MILITARY PERSONNEL, MARINE CORPS.....	16,357,441	16,258,145	-99,296
	=====	=====	=====

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
MILITARY PERSONNEL, AIR FORCE				
ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS				
5	BASIC PAY.....	5,811,078	5,811,078	---
10	RETIRED PAY ACCRUAL.....	2,106,760	2,106,760	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	70,764	70,764	---
25	BASIC ALLOWANCE FOR HOUSING.....	1,737,650	1,737,650	---
30	BASIC ALLOWANCE FOR SUBSISTENCE.....	220,818	220,818	---
35	INCENTIVE PAYS.....	387,163	387,163	---
40	SPECIAL PAYS.....	365,878	365,878	---
45	ALLOWANCES.....	128,513	128,513	---
50	SEPARATION PAY.....	42,327	42,327	---
55	SOCIAL SECURITY TAX.....	443,862	443,862	---
	TOTAL, BUDGET ACTIVITY 1.....	11,314,813	11,314,813	---
-----				
ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL				
60	BASIC PAY.....	10,868,244	10,868,244	---
65	RETIRED PAY ACCRUAL.....	3,950,240	3,950,240	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	149,927	149,927	---
80	BASIC ALLOWANCE FOR HOUSING.....	4,482,320	4,482,320	---
85	INCENTIVE PAYS.....	66,124	66,124	---
90	SPECIAL PAYS.....	372,403	372,403	---
95	ALLOWANCES.....	663,448	663,448	---
100	SEPARATION PAY.....	98,310	98,310	---
105	SOCIAL SECURITY TAX.....	831,420	831,420	---
	TOTAL, BUDGET ACTIVITY 2.....	21,482,436	21,482,436	---
-----				
ACTIVITY 3: PAY AND ALLOWANCES OF CADETS				
110	ACADEMY CADETS.....	90,350	90,350	---
ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL				
115	BASIC ALLOWANCE FOR SUBSISTENCE.....	1,199,558	1,199,558	---
120	SUBSISTENCE-IN-KIND.....	296,024	296,024	---
	TOTAL, BUDGET ACTIVITY 4.....	1,495,582	1,495,582	---
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MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
ACTIVITY 5: PERMANENT CHANGE OF STATION			
125 ACCESSION TRAVEL.....	92,491	92,491	---
130 TRAINING TRAVEL.....	59,414	59,414	---
135 OPERATIONAL TRAVEL.....	298,434	298,434	---
140 ROTATIONAL TRAVEL.....	457,026	457,026	---
145 SEPARATION TRAVEL.....	143,126	143,126	---
150 TRAVEL OF ORGANIZED UNITS.....	2,844	2,844	---
155 NON-TEMPORARY STORAGE.....	42,406	42,406	---
160 TEMPORARY LODGING EXPENSE.....	21,026	21,026	---
-----			
TOTAL, BUDGET ACTIVITY 5.....	1,116,767	1,116,767	---
ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170 APPREHENSION OF MILITARY DESERTERS.....	25	25	---
175 INTEREST ON UNIFORMED SERVICES SAVINGS.....	1,603	1,603	---
180 DEATH GRATUITIES.....	18,700	18,700	---
185 UNEMPLOYMENT BENEFITS.....	28,267	28,267	---
200 ADOPTION EXPENSES.....	305	305	---
210 TRANSPORTATION SUBSIDY.....	2,927	2,927	---
215 PARTIAL DISLOCATION ALLOWANCE.....	99	99	---
216 SGLI EXTRA HAZARD PAYMENTS.....	4,767	4,767	---
217 RESERVE OFFICERS TRAINING CORPS (ROTC).....	44,609	44,609	---
218 JUNIOR ROTC.....	19,812	19,812	---
-----			
TOTAL, BUDGET ACTIVITY 6.....	121,114	121,114	---
LESS REIMBURSABLES.....	-480,775	-480,775	---
UNDISTRIBUTED ADJUSTMENT.....	---	-80,000	-80,000
=====			
TOTAL, TITLE I, MILITARY PERSONNEL, AIR FORCE.....	35,140,287	35,060,287	-80,000
300 HEALTH CARE CONTRIBUTION - OFFICERS.....	353,964	353,964	---
300 HEALTH CARE CONTRIBUTION - ENLISTED.....	1,501,369	1,501,369	---
-----			
TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	1,855,333	1,855,333	---
TOTAL, MILITARY PERSONNEL, AIR FORCE.....	36,995,620	36,915,620	-80,000
=====			

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
MILITARY PERSONNEL, SPACE FORCE			
ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
BASIC PAY.....	393,549	393,549	---
RETIRED PAY ACCRUAL.....	145,221	145,221	---
THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	4,000	4,000	---
BASIC ALLOWANCE FOR HOUSING.....	121,963	121,963	---
BASIC ALLOWANCE FOR SUBSISTENCE.....	15,049	15,049	---
SPECIAL PAYS.....	1,002	1,002	---
ALLOWANCES.....	2,025	2,025	---
SEPARATION PAY.....	1,786	1,786	---
SOCIAL SECURITY TAX.....	30,062	30,062	---
TOTAL, BUDGET ACTIVITY 1.....	714,657	714,657	---
ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
BASIC PAY.....	169,954	169,954	---
RETIRED PAY ACCRUAL.....	62,712	62,712	---
THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	2,536	2,536	---
BASIC ALLOWANCE FOR HOUSING.....	89,870	89,870	---
SPECIAL PAYS.....	3,744	3,744	---
ALLOWANCES.....	6,152	6,152	---
SEPARATION PAY.....	213	213	---
SOCIAL SECURITY TAX.....	13,001	13,001	---
TOTAL, BUDGET ACTIVITY 2.....	348,182	348,182	---
ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
BASIC ALLOWANCE FOR SUBSISTENCE.....	20,539	20,539	---
ACTIVITY 5: PERMANENT CHANGE OF STATION TRAVEL			
ACCESSION TRAVEL.....	4,057	4,057	---
TRAINING TRAVEL.....	2,554	2,554	---
OPERATIONAL TRAVEL.....	17,212	17,212	---
ROTATIONAL TRAVEL.....	1,994	1,994	---
SEPARATION TRAVEL.....	5,267	5,267	---

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
TRAVEL OF ORGANIZED UNITS.....	89	89	---
NON-TEMPORARY STORAGE.....	1,015	1,015	---
TEMPORARY LODGING EXPENSE.....	788	788	---
TOTAL, BUDGET ACTIVITY 5.....	32,976	32,976	---
ACTIVITY 6: OTHER MILITARY PERSONNEL COST			
DEATH GRATUITIES.....	500	500	---
UNEMPLOYMENT BENEFITS.....	365	365	---
ADOPTION EXPENSES.....	8	8	---
TRANSPORTATION SUBSIDY.....	134	134	---
TOTAL, BUDGET ACTIVITY 6.....	1,007	1,007	---
UNDISTRIBUTED ADJUSTMENT.....	---	-33,000	-33,000
	=====	=====	=====
TOTAL, TITLE I, MILITARY PERSONNEL, SPACE FORCE.....	1,117,361	1,084,361	-33,000
HEALTH CARE CONTRIBUTION - OFFICERS.....	25,237	25,237	---
HEALTH CARE CONTRIBUTION - ENLISTED.....	23,765	23,765	---
TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	49,002	49,002	---
TOTAL, MILITARY PERSONNEL, SPACE FORCE.....	1,166,363	1,133,363	-33,000
	=====	=====	=====



MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----				
RESERVE PERSONNEL, ARMY				
ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	1,709,050	1,709,050	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	49,447	49,447	---
30	PAY GROUP F TRAINING (RECRUITS).....	225,142	225,142	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	8,917	8,917	---
60	MOBILIZATION TRAINING.....	3,008	3,008	---
70	SCHOOL TRAINING.....	238,162	238,162	---
80	SPECIAL TRAINING.....	359,443	359,443	---
90	ADMINISTRATION AND SUPPORT.....	2,654,243	2,654,243	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	19,955	19,955	---
100	EDUCATION BENEFITS.....	10,008	10,008	---
120	HEALTH PROFESSION SCHOLARSHIP.....	64,520	64,520	---
130	OTHER PROGRAMS (ADMIN & SUPPORT).....	42,791	42,791	---
TOTAL, BUDGET ACTIVITY 1.....		5,384,686	5,384,686	---
UNDISTRIBUTED ADJUSTMENT.....		---	-10,000	-10,000
		=====	=====	=====
TOTAL, TITLE I, RESERVE PERSONNEL, ARMY.....		5,384,686	5,374,686	-10,000
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	490,000	490,000	---
TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....		490,000	490,000	---
TOTAL, RESERVE PERSONNEL, ARMY.....		5,874,686	5,864,686	-10,000
		=====	=====	=====

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
RESERVE PERSONNEL, NAVY				
ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	776,312	776,312	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	10,835	10,835	---
30	PAY GROUP F TRAINING (RECRUITS).....	56,507	56,507	---
60	MOBILIZATION TRAINING.....	15,177	15,177	---
70	SCHOOL TRAINING.....	57,990	57,990	---
80	SPECIAL TRAINING.....	173,288	173,288	---
90	ADMINISTRATION AND SUPPORT.....	1,252,436	1,252,436	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	7,155	7,155	---
100	EDUCATION BENEFITS.....	130	130	---
120	HEALTH PROFESSION SCHOLARSHIP.....	60,947	60,947	---
	TOTAL, BUDGET ACTIVITY 1.....	2,410,777	2,410,777	---
	UNDISTRIBUTED ADJUSTMENT.....	---	-10,000	-10,000
	TOTAL, TITLE I, RESERVE PERSONNEL, NAVY.....	2,410,777	2,400,777	-10,000
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	168,000	168,000	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	168,000	168,000	---
	TOTAL, RESERVE PERSONNEL, NAVY.....	2,578,777	2,568,777	-10,000

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----				
RESERVE PERSONNEL, MARINE CORPS				
ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	234,658	234,658	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	46,424	46,424	---
30	PAY GROUP F TRAINING (RECRUITS).....	152,649	152,649	---
60	MOBILIZATION TRAINING.....	1,461	1,461	---
70	SCHOOL TRAINING.....	24,312	24,312	---
80	SPECIAL TRAINING.....	64,417	64,417	---
90	ADMINISTRATION AND SUPPORT.....	306,725	306,725	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	6,615	6,615	---
95	PLATOON LEADER CLASS.....	6,907	6,907	---
100	EDUCATION BENEFITS.....	5,774	5,774	---
TOTAL, BUDGET ACTIVITY 1.....		849,942	849,942	---
UNDISTRIBUTED ADJUSTMENT.....		---	-10,000	-10,000
		=====	=====	=====
TOTAL, TITLE I, RESERVE PERSONNEL, MARINE CORPS.....		849,942	839,942	-10,000
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	83,000	83,000	---
TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....		83,000	83,000	---
TOTAL, RESERVE PERSONNEL, MARINE CORPS.....		932,942	922,942	-10,000
		=====	=====	=====

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
RESERVE PERSONNEL, AIR FORCE				
ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	744,411	744,411	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	107,354	107,354	---
30	PAY GROUP F TRAINING (RECRUITS).....	72,181	72,181	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	5,194	5,194	---
60	MOBILIZATION TRAINING.....	570	570	---
70	SCHOOL TRAINING.....	221,731	221,731	---
80	SPECIAL TRAINING.....	351,425	351,425	---
90	ADMINISTRATION AND SUPPORT.....	928,379	928,379	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	10,621	10,621	---
100	EDUCATION BENEFITS.....	10,950	10,950	---
120	HEALTH PROFESSION SCHOLARSHIP.....	64,130	64,130	---
130	OTHER PROGRAMS (ADMIN & SUPPORT).....	2,932	2,932	---
-----				
	TOTAL, BUDGET ACTIVITY 1.....	2,519,878	2,519,878	---
	UNDISTRIBUTED ADJUSTMENT.....	---	-10,000	-10,000
=====				
	TOTAL, TITLE I, RESERVE PERSONNEL, AIR FORCE.....	2,519,878	2,509,878	-10,000
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	181,000	181,000	---
-----				
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	181,000	181,000	---
	TOTAL, RESERVE PERSONNEL, AIR FORCE.....	2,700,878	2,690,878	-10,000
=====				

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----				
NATIONAL GUARD PERSONNEL, ARMY				
ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	2,657,734	2,657,734	---
30	PAY GROUP F TRAINING (RECRUITS).....	552,298	552,298	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	47,941	47,941	---
70	SCHOOL TRAINING.....	587,537	587,537	---
80	SPECIAL TRAINING.....	757,064	766,764	+9,700
90	ADMINISTRATION AND SUPPORT.....	4,642,452	4,642,452	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	70,700	70,700	---
100	EDUCATION BENEFITS.....	9,087	9,087	---
TOTAL, BUDGET ACTIVITY 1.....		9,324,813	9,334,513	+9,700
UNDISTRIBUTED ADJUSTMENT.....		---	-20,000	-20,000
ADVANCED TRAUMA AND PUBLIC HEALTH DIRECT TRAINING SERVICES.....		---	1,200	+1,200
EXERCISE NORTHERN STRIKE.....		---	8,500	+8,500
		=====	=====	=====
TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, ARMY.....		9,324,813	9,324,213	-600
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	873,000	873,000	---
TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....		873,000	873,000	---
TOTAL, NATIONAL GUARD PERSONNEL, ARMY.....		10,197,813	10,197,213	-600
		=====	=====	=====

MILITARY PERSONNEL  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
NATIONAL GUARD PERSONNEL, AIR FORCE				
ACTIVITY 1: RESERVE COMPONENT TRAINING AND SUPPORT				
10	PAY GROUP A TRAINING (15 DAYS & DRILLS 24/48).....	934,473	934,473	---
30	PAY GROUP F TRAINING (RECRUITS).....	147,492	147,492	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	5,808	5,808	---
70	SCHOOL TRAINING.....	380,343	380,343	---
80	SPECIAL TRAINING.....	267,431	270,931	+3,500
90	ADMINISTRATION AND SUPPORT.....	3,363,168	3,363,168	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	19,559	19,559	---
100	EDUCATION BENEFITS.....	9,061	9,061	---
	TOTAL, BUDGET ACTIVITY 1.....	5,127,335	5,130,835	+3,500
	UNDISTRIBUTED ADJUSTMENT.....	---	-12,000	-12,000
	ADVANCED TRAUMA AND PUBLIC HEALTH DIRECT TRAINING SERVICES.....	---	2,400	+2,400
	EXERCISE NORTHERN STRIKE.....	---	2,000	+2,000
		=====	=====	=====
	TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, AIR FORCE.	5,127,335	5,123,235	-4,100
	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	336,000	336,000	---
		-----	-----	-----
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY) (PUBLIC LAW 108-375).....	336,000	336,000	---
	TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE.....	5,463,335	5,459,235	-4,100
		=====	=====	=====

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
OPERATION AND MAINTENANCE, ARMY			
BUDGET ACTIVITY 1: OPERATING FORCES			
LAND FORCES			
10	4,506,811	4,306,811	-200,000
20	177,136	170,636	-6,500
30	894,629	874,129	-20,500
40	2,570,949	2,564,449	-6,500
50	1,184,230	1,184,230	---
60	2,220,817	2,120,817	-100,000
LAND FORCES READINESS			
70	7,366,299	7,432,699	+66,400
80	483,683	483,683	---
90	1,399,173	1,399,173	---
100	897,522	897,522	---
LAND FORCES READINESS SUPPORT			
110	9,330,325	9,281,325	-49,000
120	4,666,658	4,666,658	---
130	284,483	274,983	-9,500
140	450,348	450,348	---
160	383,360	383,360	---
COMBATANT COMMAND SUPPORT			
170	385,685	441,025	+55,340
180	359,602	364,852	+5,250
190	204,336	209,711	+5,375
200	67,756	67,756	---
210	495,066	489,066	-6,000
220	673,701	663,701	-10,000
230	178,033	178,033	---
TOTAL, BUDGET ACTIVITY 1			
	39,180,602	38,904,967	-275,635

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
<b>BUDGET ACTIVITY 2: MOBILIZATION</b>				
MOBILITY OPERATIONS				
240	434,423	434,423	---	
250	378,494	378,494	---	
260	4,001	4,001	---	
	-----	-----		
	TOTAL, BUDGET ACTIVITY 2	816,918	816,918	---
<b>BUDGET ACTIVITY 3: TRAINING AND RECRUITING</b>				
ACCESSION TRAINING				
270	173,439	173,439	---	
280	78,826	78,826	---	
290	128,117	116,117	-12,000	
300	554,992	554,992	---	
BASIC SKILL AND ADVANCED TRAINING				
310	1,115,045	1,085,045	-30,000	
320	1,396,392	1,381,392	-15,000	
330	221,960	221,960	---	
340	717,318	701,318	-16,000	
RECRUITING AND OTHER TRAINING AND EDUCATION				
350	691,053	691,053	---	
360	192,832	192,832	---	
370	235,340	235,340	---	
380	251,378	251,378	---	
390	196,088	201,088	+5,000	
	-----	-----		
	TOTAL, BUDGET ACTIVITY 3	5,952,780	5,884,780	-68,000
<b>BUDGET ACTIVITY 4: ADMIN &amp; SERVICEWIDE ACTIVITIES</b>				
LOGISTICS OPERATIONS				
410	662,083	655,083	-7,000	
420	822,018	822,018	---	
430	806,861	771,861	-35,000	
440	483,187	483,187	---	
SERVICEWIDE SUPPORT				
450	486,154	498,154	+12,000	
460	1,871,173	1,871,173	---	



OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
470 MANPOWER MANAGEMENT.....	344,668	344,668	---
480 OTHER PERSONNEL SUPPORT.....	811,999	811,999	---
490 OTHER SERVICE SUPPORT.....	2,267,280	2,248,980	-18,300
500 ARMY CLAIMS ACTIVITIES.....	191,912	191,912	---
510 REAL ESTATE MANAGEMENT.....	288,942	293,942	+5,000
520 FINANCIAL MANAGEMENT AND AUDIT READINESS.....	410,983	410,983	---
530 DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT.....	38,714	38,714	---
540 INTERNATIONAL MILITARY HEADQUARTERS.....	532,377	532,377	---
550 MISC. SUPPORT OF OTHER NATIONS.....	35,709	35,709	---
OTHER PROGRAMS			
CLASSIFIED PROGRAMS.....	2,113,196	2,065,530	-47,666
TOTAL, BUDGET ACTIVITY 4.....	12,167,256	12,076,290	-90,966
HISTORICAL UNOBLIGATION.....	---	-250,000	-250,000
P.L. 115-68 IMPLEMENTATION.....	---	250	+250
RESTORE READINESS.....	---	150,000	+150,000
	=====	=====	=====
TOTAL, OPERATION AND MAINTENANCE, ARMY.....	58,117,556	57,583,205	-534,351
	=====	=====	=====

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, NAVY			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10	7,334,452	7,254,452	-80,000
20	2,793,739	2,758,739	-35,000
30	65,248	65,248	---
40	214,767	214,767	---
50	1,075,365	1,057,865	-17,500
60	1,751,737	1,721,737	-30,000
70	70,319	70,319	---
80	1,679,193	1,659,193	-20,000
SHIP OPERATIONS			
90	6,454,952	6,399,952	-55,000
100	1,183,237	1,183,237	---
110	10,038,261	9,938,261	-100,000
120	2,422,095	2,392,095	-30,000
COMBAT OPERATIONS/SUPPORT			
130	1,632,824	1,632,824	---
140	339,103	339,103	---
150	881,999	881,999	---
160	444,150	444,150	---
170	2,274,710	2,259,710	-15,000
180	194,346	194,346	---
190	101,049	101,049	---
200	65,893	70,893	+5,000
210	282,742	288,742	+6,000
230	477,540	477,540	---
WEAPONS SUPPORT			
240	1,664,076	1,664,076	---
250	1,495,783	1,495,783	---
260	649,371	649,371	---

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
BASE SUPPORT			
270	1,647,834	1,637,834	-10,000
280	3,549,311	3,639,311	+90,000
290	5,503,088	5,503,088	---
	-----	-----	-----
	TOTAL, BUDGET ACTIVITY 1	56,287,184	55,995,684
			-291,500
-----			
BUDGET ACTIVITY 2: MOBILIZATION			
300	467,648	467,648	---
310	683,932	683,932	---
320	364,096	357,096	-7,000
330	133,780	133,780	---
340	21,196	21,196	---
	-----	-----	-----
	TOTAL, BUDGET ACTIVITY 2	1,670,652	1,663,652
			-7,000
-----			
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
350	190,578	190,578	---
360	14,679	14,679	---
370	170,845	170,845	---
BASIC SKILLS AND ADVANCED TRAINING			
380	1,133,889	1,133,889	---
390	334,844	334,844	---
400	356,670	356,670	---
RECRUITING, AND OTHER TRAINING AND EDUCATION			
410	204,498	204,498	---
420	89,971	89,971	---
430	69,798	69,798	---
440	55,194	60,194	+5,000
	-----	-----	-----
	TOTAL, BUDGET ACTIVITY 3	2,620,966	2,625,966
			+5,000
-----			
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE SUPPORT			
450	1,349,966	1,349,966	---
460	227,772	227,772	---
470	667,627	637,627	-30,000
480	284,962	284,962	---

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
LOGISTICS OPERATIONS AND TECHNICAL SUPPORT			
490 DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT.....	62,824	62,824	---
500 SERVICEWIDE TRANSPORTATION.....	207,501	207,501	---
520 PLANNING, ENGINEERING, AND PROGRAM SUPPORT.....	554,265	539,265	-15,000
530 ACQUISITION, LOGISTICS, AND OVERSIGHT.....	798,473	810,473	+12,000
INVESTIGATIONS AND SECURITY PROGRAMS			
540 INVESTIGATIVE AND SECURITY SERVICES.....	791,059	791,059	---
OTHER PROGRAMS			
CLASSIFIED PROGRAMS.....	628,700	628,700	---
-----			
TOTAL, BUDGET ACTIVITY 4.....	5,573,149	5,540,149	-33,000
HISTORICAL UNOBLIGATION.....	---	-200,000	-200,000
P.L. 115-68 IMPLEMENTATION.....	---	260	+260
RESTORE READINESS.....	---	150,000	+150,000
=====			
TOTAL, OPERATION AND MAINTENANCE, NAVY.....	66,151,951	65,775,711	-376,240
=====			

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
OPERATION AND MAINTENANCE, MARINE CORPS			
BUDGET ACTIVITY 1: OPERATING FORCES			
EXPEDITIONARY FORCES			
10	1,740,491	1,723,991	-16,500
20	1,699,425	1,685,766	-13,659
30	221,886	221,886	---
USMC PREPOSITIONING			
40	139,518	137,518	-2,000
COMBAT OPERATIONS/SUPPORT			
50	94,199	94,199	---
60	194,904	194,904	---
BASE SUPPORT			
70	1,292,219	1,292,219	---
80	2,699,487	2,699,487	---
-----			
	8,082,129	8,049,970	-32,159
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
ACCESSION TRAINING			
90	23,217	23,217	---
100	1,268	1,268	---
BASIC SKILLS AND ADVANCED TRAINING			
110	118,638	118,638	---
120	64,626	64,626	---
130	523,603	517,603	-6,000
RECRUITING AND OTHER TRAINING EDUCATION			
140	225,759	225,759	---
150	51,882	51,882	---
160	27,660	32,660	+5,000
-----			
	1,036,653	1,035,653	-1,000
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
SERVICEWIDE SUPPORT			
170	78,542	78,542	---
180	401,030	401,030	---
OTHER PROGRAMS			
	62,590	62,590	---
-----			
	542,162	542,162	---

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
HISTORICAL UNOBLIGATION.....	---	-40,000	-40,000
PROGRAM INCREASE - P.L. 115-68 IMPLEMENTATION.....	---	340	+340
RESTORE READINESS.....	---	50,000	+50,000
	=====	=====	=====
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS.....	9,660,944	9,638,125	-22,819
	=====	=====	=====

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, AIR FORCE			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10	936,731	975,731	+39,000
20	2,657,865	2,595,001	-62,864
30	1,467,518	1,467,518	---
40	4,341,794	4,241,794	-100,000
50	4,091,088	4,091,088	---
60	130,754	130,754	---
70	8,782,940	8,770,940	-12,000
80	5,871,718	5,833,718	-38,000
90	10,638,741	10,592,741	-46,000
COMBAT RELATED OPERATIONS			
100	1,035,043	1,026,543	-8,500
110	1,436,329	1,426,329	-10,000
120	716,931	711,931	-5,000
SPACE OPERATIONS			
140	690	690	---
COCOM			
160	197,210	202,775	+5,565
170	503,419	553,607	+50,188
180	436,807	437,057	+250
190	331,162	319,347	-11,815
200	27,318	28,208	+890
210	---	250	+250
220	1,367	1,367	---
230	329,543	330,051	+508
240	186,759	186,759	---
OPERATING FORCES			
	1,705,801	1,705,801	---
CLASSIFIED PROGRAMS			
	1,705,801	1,705,801	---
TOTAL, BUDGET ACTIVITY 1			
	45,827,528	45,630,000	-197,528

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
<hr/>			
BUDGET ACTIVITY 2: MOBILIZATION			
MOBILITY OPERATIONS			
250	2,780,616	2,780,616	---
260	721,172	721,172	---
<hr/>			
	3,501,788	3,501,788	---
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
ACCESSION TRAINING			
270	189,721	189,721	---
280	26,684	26,684	---
290	135,515	135,515	---
BASIC SKILLS AND ADVANCED TRAINING			
300	541,511	541,511	---
310	779,625	796,625	+17,000
320	313,556	313,556	---
330	171,087	171,087	---
RECRUITING, AND OTHER TRAINING AND EDUCATION			
340	197,956	197,956	---
350	8,282	8,282	---
360	254,907	254,907	---
370	355,375	355,375	---
380	69,964	74,964	+5,000
<hr/>			
	3,044,183	3,066,183	+22,000
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
LOGISTICS OPERATIONS			
390	1,058,129	1,058,129	---
400	139,428	139,428	---
ADMIN SERVICEWIDE ACTIVITIES			
410	1,283,066	1,273,066	-10,000
420	33,222	33,222	---
430	1,790,985	1,790,985	---
440	30,526	51,300	+20,774
460	42,558	42,558	---



OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
480	INTERNATIONAL SUPPORT.....	102,065	102,065	---
	CLASSIFIED PROGRAMS.....	1,427,764	1,423,964	-3,800
	TOTAL, BUDGET ACTIVITY 4.....	5,907,743	5,914,717	+6,974
	HISTORICAL UNOBLIGATION.....	---	-225,000	-225,000
	P.L. 115-68 IMPLEMENTATION.....	---	750	+750
	RESTORE READINESS.....	---	150,000	+150,000
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE.....	58,281,242	58,038,438	-242,804

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
OPERATION AND MAINTENANCE, SPACE FORCE				
BUDGET ACTIVITY 1: OPERATING FORCES				
AIR OPERATIONS				
10	GLOBAL C3I & EARLY WARNING.....	472,484	472,484	---
20	SPACE LAUNCH OPERATIONS.....	187,832	187,832	---
30	SPACE OPERATIONS.....	695,228	695,228	---
40	EDUCATION & TRAINING.....	153,135	153,135	---
60	DEPOT MAINTENANCE.....	285,863	285,863	---
70	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION...	235,253	235,253	---
80	CONTRACTOR LOGISTICS & SYSTEM SUPPORT.....	1,358,565	1,358,565	---
90	SPACE OPERATIONS -BOS.....	144,937	144,937	---
50	SPECIAL PROGRAMS.....	272,941	272,941	---
	TOTAL, BUDGET ACTIVITY 1.....	3,806,238	3,806,238	---
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
100	ADMINISTRATION.....	228,420	176,420	-52,000
	TOTAL, BUDGET ACTIVITY 4.....	228,420	176,420	-52,000
	HISTORICAL UNOBLIGATION.....	---	-15,000	-15,000
=====				
	TOTAL, OPERATION AND MAINTENANCE, SPACE FORCE.....	4,034,658	3,967,658	-67,000
=====				

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
BUDGET ACTIVITY 1: OPERATING FORCES			
10	445,366	422,366	-23,000
20	9,887	9,887	---
30	679,336	656,336	-23,000
40	246,259	273,759	+27,500
SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT			
50	2,056,291	2,043,398	-12,893
60	39,178	39,178	---
70	1,513,025	1,514,244	+1,219
80	1,207,842	1,247,773	+39,931
SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL			
90	196,271	196,271	---
100	1,299,309	1,332,010	+32,701
110	3,314,770	3,313,427	-1,343
-----			
TOTAL, BUDGET ACTIVITY 1	11,007,534	11,048,649	+41,115
BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
120	176,454	176,454	---
130	101,492	101,492	---
SPECIAL OPERATIONS COMMAND PROFESSIONAL DEVELOPMENT			
140	35,279	35,279	---
-----			
TOTAL, BUDGET ACTIVITY 3	313,225	313,225	---
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
150	139,656	270,067	+130,411
170	646,072	646,072	---
180	4,107	4,107	---
190	1,506,300	1,491,300	-15,000
200	29,127	29,127	---
210	983,133	983,133	---
DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY -			
230	10,245	10,245	---
240	935,241	1,000,241	+65,000
250	26,113	26,113	---

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
260 DEFENSE INFORMATION SYSTEMS AGENCY.....	2,266,729	2,266,729	---
270 DEFENSE INFORMATION SYSTEMS AGENCY - CYBER.....	643,643	643,643	---
300 DEFENSE LEGAL SERVICES AGENCY.....	233,687	233,687	---
310 DEFENSE LOGISTICS AGENCY.....	429,060	404,060	-25,000
320 DEFENSE MEDIA ACTIVITY.....	243,631	236,131	-7,500
330 DEFENSE PERSONNEL ACCOUNTING AGENCY.....	150,021	150,021	---
340 DEFENSE SECURITY COOPERATION AGENCY.....	2,445,669	2,348,599	-97,070
350 DEFENSE TECHNOLOGY SECURITY AGENCY.....	40,063	40,063	---
360 DEFENSE THREAT REDUCTION AGENCY.....	941,763	911,763	-30,000
380 DEFENSE THREAT REDUCTION AGENCY - CYBER.....	56,052	56,052	---
390 DEPARTMENT OF DEFENSE EDUCATION ACTIVITY.....	3,276,276	3,366,276	+90,000
400 MISSILE DEFENSE AGENCY.....	541,787	541,787	---
430 OFFICE OF THE LOCAL DEFENSE COMMUNITY COOPERATION - OSD.....	108,697	188,697	+80,000
440 OFFICE OF THE SECRETARY OF DEFENSE.....	2,239,072	2,281,371	+42,299
450 OFFICE OF THE SECRETARY OF DEFENSE - CYBER.....	55,255	55,255	---
500 WASHINGTON HEADQUARTERS SERVICES.....	369,943	359,943	-10,000
CLASSIFIED PROGRAMS.....	18,764,415	18,755,115	-9,300
TOTAL, BUDGET ACTIVITY 4.....	37,085,757	37,299,597	+213,840
P.L. 115-68 IMPLEMENTATION.....	---	2,100	+2,100
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE.....	48,406,516	48,663,571	+257,055
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)			
10 IRAQ.....	358,015	300,000	-58,015
20 SYRIA.....	183,677	150,000	-33,677
TOTAL, COUNTER ISIS TRAIN AND EQUIP FUND (CTEF).....	541,692	450,000	-91,692

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
OPERATION AND MAINTENANCE, ARMY RESERVE				
BUDGET ACTIVITY 1: OPERATING FORCES				
LAND FORCES				
10	MODULAR SUPPORT BRIGADES.....	14,404	14,404	---
20	ECHELONS ABOVE BRIGADES.....	662,104	632,104	-30,000
30	THEATER LEVEL ASSETS.....	133,599	131,599	-2,000
40	LAND FORCES OPERATIONS SUPPORT.....	646,693	638,693	-8,000
50	AVIATION ASSETS.....	128,883	125,883	-3,000
LAND FORCES READINESS				
60	FORCES READINESS OPERATIONS SUPPORT.....	409,994	409,994	---
70	LAND FORCES SYSTEM READINESS.....	90,595	90,595	---
80	DEPOT MAINTENANCE.....	44,453	44,453	---
LAND FORCES READINESS SUPPORT				
90	BASE OPERATIONS SUPPORT.....	567,170	567,170	---
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION...	358,772	358,772	---
110	MANAGEMENT AND OPERATIONS HEADQUARTERS.....	22,112	22,112	---
120	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS.....	2,929	2,929	---
130	CYBERSPACE ACTIVITIES - CYBERSECURITY.....	7,382	7,382	---
	TOTAL, BUDGET ACTIVITY 1.....	3,089,090	3,046,090	-43,000
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
LOGISTICS OPERATIONS				
140	SERVICEWIDE TRANSPORTATION.....	18,994	18,994	---
150	ADMINISTRATION.....	20,670	20,670	---
160	SERVICEWIDE COMMUNICATIONS.....	31,652	31,652	---
170	MANPOWER MANAGEMENT.....	6,852	6,852	---
180	OTHER PERSONNEL SUPPORT.....	61,246	61,246	---
	TOTAL, BUDGET ACTIVITY 4.....	139,414	139,414	---
	HISTORICAL UNOBLIGATION.....	---	-18,000	-18,000
	TRAUMA TRAINING.....	---	2,000	+2,000
	TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE.....	3,228,504	3,169,504	-59,000

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
OPERATION AND MAINTENANCE, NAVY RESERVE				
BUDGET ACTIVITY 1: OPERATING FORCES				
OPERATING FORCES				
10	MISSION AND OTHER FLIGHT OPERATIONS.....	669,533	662,533	-7,000
20	INTERMEDIATE MAINTENANCE.....	11,134	11,134	---
30	AIRCRAFT DEPOT MAINTENANCE.....	164,892	164,892	---
40	AIRCRAFT DEPOT OPERATIONS SUPPORT.....	494	494	---
50	AVIATION LOGISTICS.....	25,843	25,843	---
60	COMBAT COMMUNICATIONS.....	20,135	20,135	---
70	COMBAT SUPPORT FORCES.....	131,104	131,104	---
80	CYBERSPACE ACTIVITIES.....	289	289	---
90	ENTERPRISE INFORMATION.....	27,189	27,189	---
100	SUSTAINMENT, RESTORATION & MODERNIZATION.....	44,784	44,784	---
110	BASE OPERATING SUPPORT.....	116,374	116,374	---
	TOTAL, BUDGET ACTIVITY 1.....	1,211,771	1,204,771	-7,000
-----				
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
ADMINISTRATION AND SERVICEWIDE ACTIVITIES				
120	ADMINISTRATION.....	1,986	1,986	---
130	MILITARY MANPOWER & PERSONNEL MANAGEMENT.....	12,550	12,550	---
140	ACQUISITION AND PROGRAM MANAGEMENT.....	1,993	1,993	---
	TOTAL, BUDGET ACTIVITY 4.....	16,529	16,529	---
	HISTORICAL UNOBLIGATION.....	---	-7,000	-7,000
	TRAUMA TRAINING.....	---	2,000	+2,000
	TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE.....	1,228,300	1,216,300	-12,000
		=====	=====	=====

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
-----				
OPERATION AND MAINTENANCE, MARINE CORPS RESERVE				
BUDGET ACTIVITY 1: OPERATING FORCES				
10	OPERATING FORCES.....	109,045	146,545	+37,500
20	DEPOT MAINTENANCE.....	19,361	19,361	---
30	SUSTAINMENT, RESTORATION & MODERNIZATION.....	45,430	45,430	---
40	BASE OPERATING SUPPORT.....	118,364	118,364	---
	TOTAL, BUDGET ACTIVITY 1.....	292,200	329,700	+37,500
-----				
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES				
ADMINISTRATION AND SERVICEWIDE ACTIVITIES				
50	ADMINISTRATION.....	12,033	12,033	---
	TOTAL, BUDGET ACTIVITY 4.....	12,033	12,033	---
	HISTORICAL UNOBLIGATION.....	---	-3,000	-3,000
	TRAUMA TRAINING.....	---	2,000	+2,000
	TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	304,233	340,733	+36,500
		=====	=====	=====

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
OPERATION AND MAINTENANCE, AIR FORCE RESERVE			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10	1,743,908	1,732,908	-11,000
20	193,568	193,568	---
30	493,664	493,664	---
40	133,782	133,782	---
50	341,724	341,724	---
60	522,195	522,195	---
70	1,706	6,706	+5,000
-----			
	3,430,547	3,424,547	-6,000
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
80	102,038	102,038	---
90	9,057	9,057	---
100	14,896	14,896	---
110	7,544	7,544	---
120	462	462	---
-----			
	133,997	133,997	---
	---	-25,000	-25,000
	---	2,000	+2,000
=====			
	3,564,544	3,535,544	-29,000
=====			



OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD			
BUDGET ACTIVITY 1: OPERATING FORCES			
LAND FORCES			
10	964,237	960,737	-3,500
20	214,191	214,191	---
30	820,752	820,752	---
40	97,184	97,184	---
50	54,595	52,595	-2,000
60	1,169,826	1,160,826	-9,000
LAND FORCES READINESS			
70	722,788	722,788	---
80	46,580	46,580	---
90	259,765	259,765	---
LAND FORCES READINESS SUPPORT			
100	1,151,215	1,146,215	-5,000
110	1,053,996	1,053,996	---
120	1,148,286	1,148,286	---
130	8,715	8,715	---
140	8,307	8,307	---
TOTAL, BUDGET ACTIVITY 1			
	7,720,437	7,700,937	-19,500
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
150	6,961	6,961	---
160	73,641	81,841	+8,200
170	100,389	100,389	---
180	9,231	9,231	---
190	243,491	243,491	---

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
200	REAL ESTATE MANAGEMENT.....	3,087	3,087	---
	TOTAL, BUDGET ACTIVITY 4.....	436,800	445,000	+8,200
	HISTORICAL UNOBLIGATION.....	---	-54,000	-54,000
	TRAUMA TRAINING.....	---	3,000	+3,000
	TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD.	8,157,237	8,094,937	-62,300

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD			
BUDGET ACTIVITY 1: OPERATING FORCES			
AIR OPERATIONS			
10	2,301,784	2,294,784	-7,000
20	587,793	598,193	+10,400
30	1,193,699	1,201,699	+8,000
40	437,042	471,042	+34,000
50	1,284,264	1,269,264	-15,000
60	967,169	969,569	+2,400
70	12,661	12,661	---
80	15,886	15,886	---
	-----	-----	-----
	TOTAL, BUDGET ACTIVITY 1	6,833,098	+32,800
BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
90	52,075	52,075	---
100	48,306	48,306	---
	-----	-----	-----
	TOTAL, BUDGET ACTIVITY 4	100,381	---
	HISTORICAL UNOBLIGATION	-30,000	-30,000
	TRAUMA TRAINING	3,000	+3,000
	DENY CLOSURE OF COMBAT READINESS TRAINING CENTER	2,500	+2,500
	-----	-----	-----
	TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD	6,908,979	+8,300
	=====	=====	=====

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----				
MISCELLANEOUS				
10	U. S. COURT OF APPEALS FOR THE ARMED FORCES.....	16,003	16,003	---
50	ENVIRONMENTAL RESTORATION, ARMY.....	196,244	273,700	+77,456
	TOTAL, ENVIRONMENTAL RESTORATION, ARMY.....	196,244	273,700	+77,456
60	ENVIRONMENTAL RESTORATION, NAVY.....	359,348	390,113	+30,765
70	ENVIRONMENTAL RESTORATION, AIR FORCE.....	314,474	438,810	+124,336
80	ENVIRONMENTAL RESTORATION, DEFENSE-WIDE.....	8,924	10,979	+2,055
90	ENVIRONMENTAL RESTORATION, FORMERLY USED SITES.....	227,262	292,580	+65,318
	SUPPORT OF INTERNATIONAL SPORTING COMPETITIONS, DEFENSE.....	10,377	10,377	---
10	OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID.....	112,800	150,000	+37,200
10	COOPERATIVE THREAT REDUCTION.....	341,598	351,598	+10,000
10	DOD ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT.....	53,791	53,791	---
	TOTAL, OPERATION & MAINTENANCE, MISCELLANEOUS.....	1,640,821	1,987,951	+347,130
=====				
OFFICE OF THE INSPECTOR GENERAL				
10	OFFICE OF THE INSPECTOR GENERAL.....	474,650	474,650	---
20	OFFICE OF THE INSPECTOR GENERAL - CYBER.....	1,321	1,321	---
30	RESEARCH, DEVELOPMENT, TEST AND EVALUATION.....	1,864	1,864	---
40	PROCUREMENT.....	1,524	1,524	---
	TOTAL, OFFICE OF THE INSPECTOR GENERAL.....	479,359	479,359	---
=====				

OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
DEFENSE HEALTH PROGRAM			
OPERATION AND MAINTENANCE			
10	9,906,943	9,864,958	-41,985
20	18,455,209	18,342,836	-112,373
30	1,916,366	1,899,949	-16,417
40	2,251,151	2,243,677	-7,474
50	338,678	338,678	---
60	334,845	342,345	+7,500
70	2,111,558	2,108,900	-2,658
	-----	-----	-----
	SUBTOTAL, OPERATION AND MAINTENANCE	35,141,343	-173,407
PROCUREMENT			
150	21,625	21,625	---
160	234,157	234,157	---
180	74,068	74,068	---
180	240,224	240,224	---
	-----	-----	-----
	SUBTOTAL, PROCUREMENT	570,074	---
RESEARCH DEVELOPMENT TEST AND EVALUATION			
80	39,568	39,568	---
90	175,477	187,477	+12,000
100	320,862	462,362	+141,500
110	166,960	186,600	+19,640
120	103,970	103,970	---
130	85,186	85,186	---
140	17,971	17,971	---
150	---	1,144,000	+1,144,000
	-----	-----	-----
	DOD MEDICAL INFORMATION EXCHANGE AND INTEROPERABILITY (DMIX) / ENTERPRISE INTELLIGENCE AND DATA SOLUTIONS (IDS)	137,356	113,881
	-----	-----	-----
	SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION	1,047,350	2,341,015
SOFTWARE & TECHNOLOGY PILOT PROGRAMS			
	=====	=====	=====
	TOTAL, DEFENSE HEALTH PROGRAM	38,052,432	+1,120,258
	=====	=====	=====



OPERATION AND MAINTENANCE  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
OFFICE OF THE INSPECTOR GENERAL			
OFFICE OF THE INSPECTOR GENERAL.....	479,359	479,359	---
DEFENSE HEALTH PROGRAM			
OPERATION AND MAINTENANCE.....	35,314,750	35,141,343	-173,407
PROCUREMENT.....	570,074	570,074	---
RESEARCH DEVELOPMENT TEST AND EVALUATION.....	1,047,350	2,341,015	+1,293,665
	=====	=====	=====
TOTAL, DEFENSE HEALTH PROGRAM.....	36,932,174	38,052,432	+1,120,258
	=====	=====	=====
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	855,728	878,027	+22,299
	=====	=====	=====
CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE....			
CHEM DEMILITARIZATION - O&M.....	84,612	84,612	---
	-----	-----	-----
TEST AND EVALUATION.....	975,206	975,206	---
	-----	-----	-----
TOTAL, CHEM AGENTS & MUNITIONS DESTRUCTION, DEFENSE.....	1,059,818	1,059,818	---

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
-----						
AIRCRAFT PROCUREMENT, ARMY						
AIRCRAFT						
FIXED WING						
1						
4		10,598		10,598		
SMALL UNMANNED AIRCRAFT SYSTEM.....						
ROTARY						
7	35	524,661	35	524,661		
8		169,218		169,218		
10	25	650,406	35	923,406	+10	+273,000
11		68,147		68,147		
12	28	178,658	28	178,658		
13	6	169,149	6	169,149		
14		18,749		18,749		
-----						
		1,789,586		2,062,586		+273,000
TOTAL, AIRCRAFT.....						
MODIFICATION OF AIRCRAFT						
16		57,700		57,700		
18		13,038		143,038		+130,000
19		21,380		21,380		
20		85,840		85,840		
21		11,215		51,215		+40,000
22						
23						
24		1,591		1,591		
25						
26		21,346		21,346		
27		44,526		44,526		
28		72,387		72,387		
30		71,130		69,320		-1,810
31		14,683		14,683		
32						
33						
-----						
		414,836		583,026		+168,190
TOTAL, MODIFICATION OF AIRCRAFT.....						



PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
SUPPORT EQUIPMENT AND FACILITIES						
GROUND SUPPORT AVIONICS						
34		167,927		167,927		
35		6,622		6,622		
36		107,112		107,112		
37	125	288,209	125	274,334		-13,875
OTHER SUPPORT						
39		20,823		20,823		
40		25,773		25,773		
41		27,492		27,492		
42		1,275		1,275		
		645,233		631,358		-13,875
=====						
		2,849,665		3,276,970		+427,315
=====						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	REQUEST AMOUNT
-----						
MISSILE PROCUREMENT, ARMY						
OTHER MISSILES						
SURFACE-TO-AIR MISSILE SYSTEM						
1						
		4,260		4,260		
2		9,200		9,200		
3	6	135,747	6	135,747		
4	252	1,037,093	252	1,037,093		
5	120	213,172	120	213,172		
6		18,924		18,924		
AIR-TO-SURFACE MISSILE SYSTEM						
7	752	111,294	752	101,401		-9,893
8	713	216,030	713	216,030		
9						
10		249,285		249,285		
ANTI-TANK/ASSAULT MISSILE SYSTEM						
11	582	162,968	582	162,968		
12	893	105,423	893	103,866		-1,557
13	4,674	785,028	4,674	785,028		
14	342	4,354	342	4,354		
15	23	155,705	23	155,705		
16		37,937		37,937		
		3,246,420		3,234,970		-11,450
MODIFICATION OF MISSILES						
MODIFICATIONS						
17		253,689		253,689		
19						
20		5,154		5,154		
21		218,359		218,359		
22		20,468		20,468		
		497,670		497,670		
-----						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
23 SPARES AND REPAIR PARTS	---	6,508	---	6,508	---	---
24 SUPPORT EQUIPMENT AND FACILITIES	---	11,317	---	11,317	---	---
AIR DEFENSE TARGETS	---	11,317	---	11,317	---	---
TOTAL, SUPPORT EQUIPMENT AND FACILITIES	---	11,317	---	11,317	---	---
=====						
TOTAL, MISSILE PROCUREMENT, ARMY		3,761,915		3,750,465		-11,450
=====						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES (N&TCV), ARMY						
TRACKED COMBAT VEHICLES						
1	72	380,677	72	380,677	---	---
2	---	3,852	---	3,852	---	---
3	28	358,708	28	354,708	---	-2,000
MODIFICATION OF TRACKED COMBAT VEHICLES						
4	102	671,271	102	642,957	---	-28,314
5	---	279,531	---	212,846	---	-66,686
6	---	3,028	---	3,028	---	---
7	27	493,003	48	680,089	+21	+187,086
8	12	138,759	12	132,203	---	-6,556
9	---	---	---	---	---	---
12	6	36,990	6	36,990	---	---
14	44	656,340	44	634,340	---	-22,000
15	---	---	---	---	---	---
	---	3,020,189	---	3,081,689	---	+61,530
WEAPONS AND OTHER COMBAT VEHICLES						
16	---	---	---	---	---	---
17	---	26,627	---	26,627	---	---
18	---	8,516	---	8,516	---	---
19	---	48,301	---	48,301	---	---
20	---	11,703	---	11,703	---	---
21	---	6,436	---	6,436	---	---
23	---	---	---	---	---	---
24	---	221,293	---	185,035	---	-36,258
26	---	---	---	---	---	---
MOD OF WEAPONS AND OTHER COMBAT VEH						
27	---	---	---	---	---	---
28	---	3,374	---	3,374	---	---
30	---	---	---	3,000	---	+3,000
33	---	2,263	---	2,263	---	---

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST		RECOMMENDED	CHANGE FROM REQUEST
	QTY	AMOUNT	QTY	QTY
			AMOUNT	AMOUNT
-----				
36		2,138	2,138	
37		225,220	225,220	
		555,871	522,613	-33,258
		3,576,030	3,604,302	+28,272



PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
27		9,350		9,350		
28						
MISCELLANEOUS						
29		3,823		3,823		
30		19,921		19,921		
31		13,001		13,001		
32		17,528		17,528		
33		101		101		
-----						
		2,054,429		1,992,026		-62,403
AMMUNITION PRODUCTION BASE SUPPORT						
PRODUCTION BASE SUPPORT						
34		499,613		499,613		
35		80,970		80,970		
36		4,039		4,039		
-----						
		584,622		584,622		
=====						
		2,639,051		2,576,648		-62,403
=====						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
OTHER PROCUREMENT, ARMY						
TACTICAL AND SUPPORT VEHICLES						
TACTICAL VEHICLES						
2		23,021		23,021		
SEMITRAILERS, FLATBED:						
3		21,869		19,369		-2,500
HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)						
4		6,121		6,121		
5		34,316		44,316		+10,000
GROUND MOBILITY VEHICLES (GMV)						
6				120,000		+120,000
ARNG HMMWV MODERNIZATION PROGRAM						
7		703,110		686,396		-16,714
JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES						
8				30,000		+30,000
TRUCK, DUMP, 20t (CCE)						
9		74,086		63,175		-10,911
FAMILY OF MEDIUM TACTICAL VEH (FMTV)						
10		23,772		23,772		
FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C)						
11		39,950		39,950		
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN						
12		96,112		89,642		-6,470
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)						
13		54,674		54,674		
PLS ESP						
15				20,000		+20,000
TACTICAL WHEELED VEHICLE PROTECTION KITS						
16		31,819		82,319		+50,500
MODIFICATION OF IN SVC EQUIP						
NON-TACTICAL VEHICLES						
17		1,286		1,286		
PASSENGER CARRYING VEHICLES						
18		15,059		15,059		
NONTACTICAL VEHICLES, OTHER						
TOTAL, TACTICAL AND SUPPORT VEHICLES						
		1,125,195		1,319,100		+193,905
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
COMM - JOINT COMMUNICATIONS						
19		179,853		179,853		
SIGNAL MODERNIZATION PROGRAM						
20		382,007		420,407		+38,400
TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE						
22		4,066		4,066		
DISASTER INCIDENT RESPONSE COMMS TERMINAL (DI						
23		5,505		5,505		
JCSE EQUIPMENT (USREDCOM)						
COMM - SATELLITE COMMUNICATIONS						
26		107,228		107,228		
DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS						
27		119,259		109,836		-9,423
TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS						
28		23,173		23,173		
SHF TERM						
29		184,911		184,911		
ASSURED POSITIONING, NAVIGATION AND TIMING						
30		5,853		5,853		
EHF SATELLITE COMMUNICATION						
31		4,916		4,916		
SMART-T (SPACE)						
32		3,179		3,179		
GLOBAL BRDCST SVC - GBS						



PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
COHM - COMBAT SUPPORT COMM						
COHM - C3 SYSTEM						
34 COE TACTICAL SERVER INFRASTRUCTURE (TSI).....	---	94,287	---	94,287	---	---
COHM - COMBAT COMMUNICATIONS						
35 HANDHELD MANPACK SMALL FORM FIT (HMS).....	---	728,366	---	682,375	---	-45,991
37 ARMY LINK 16 SYSTEMS.....	---	47,581	---	47,581	---	---
38 TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM.....	---	---	---	15,000	---	+15,000
39 UNIFIED COMMAND SUITE.....	---	20,178	---	30,178	---	+10,000
40 COTS COMMUNICATIONS EQUIPMENT.....	---	320,595	---	323,654	---	+3,059
41 FAMILY OF MED COHM FOR COMBAT CASUALTY CARE.....	---	7,621	---	7,621	---	---
42 ARMY COMMUNICATIONS & ELECTRONICS.....	---	59,705	---	59,705	---	---
COHM - INTELLIGENCE COMM						
43 CI AUTOMATION ARCHITECTURE (MIP).....	---	13,891	---	13,891	---	---
44 DEFENSE MILITARY DECEPTION INITIATIVE.....	---	---	---	---	---	---
45 MULTI-DOMAIN INTELLIGENCE.....	---	20,637	---	20,637	---	---
INFORMATION SECURITY						
46 INFORMATION SYSTEM SECURITY PROGRAM-ISSP.....	---	1,019	---	1,019	---	---
47 COMMUNICATIONS SECURITY (COMSEC).....	---	125,692	---	125,692	---	---
49 INSIDER THREAT PROGRAM - UNIT ACTIVITY MONITO.....	---	1,796	---	1,796	---	---
48 DEFENSIVE CYBER OPERATIONS.....	---	---	---	---	---	---
50 SID CAPABILITY.....	---	---	---	---	---	---
51 BIOMETRIC ENABLING CAPABILITY (BEC).....	---	816	---	816	---	---
52 ARCYBER DEFENSIVE CYBER OPERATIONS.....	---	18,239	---	18,239	---	---
COHM - LONG HAUL COMMUNICATIONS						
54 BASE SUPPORT COMMUNICATIONS.....	---	10,262	---	25,262	---	+15,000
COHM - BASE COMMUNICATIONS						
55 INFORMATION SYSTEMS.....	---	116,522	---	93,999	---	-22,523
56 EMERGENCY MANAGEMENT MODERNIZATION PROGRAM.....	---	5,036	---	5,036	---	---
59 INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM.....	---	214,806	---	214,806	---	---
ELECT EQUIP						
ELECT EQUIP - TACT INT REL ACT (TIARA)						
62 TITAN.....	---	84,821	---	---	---	-84,821
63 JTT/CIBS-M (MIP).....	---	2,352	---	2,352	---	---
64 TERRESTRIAL LAYER SYSTEMS (TLS).....	---	88,915	---	8,373	---	-80,542
66 DCGS-A INTEL.....	---	76,771	---	96,451	---	+19,680
67 JOINT TACTICAL GROUND STATION (JTAGS)-INTEL.....	---	349	---	349	---	---

PROCUREMENT  
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED	CHANGE FROM REQUEST
		QTY	AMOUNT	QTY	AMOUNT
68	TROJAN.....	---	20,562	---	20,562
69	MOD OF IN-SVC EQUIP (INTEL SPT).....	---	30,424	---	40,424
					+10,000

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
70	---	2,269	---	2,269	---	---
ELECT EQUIP - TACTICAL COLLECTION DEVICES.....						
72	---	---	---	---	---	---
ELECT EQUIP - ELECTRONIC WARFARE (EW) EW PLANNING AND MANAGEMENT TOOLS (EWPMT).....						
73	---	5,688	---	5,688	---	---
AIR VIGILANCE (AV).....						
74	---	3,060	---	3,060	---	---
MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST.....						
75	---	---	---	---	---	---
FAMILY OF PERSISTENT SURVEILLANCE CAP.....						
76	---	19,519	---	15,019	---	-4,500
COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES.....						
77	---	437	---	437	---	---
CI MODERNIZATION.....						
78	---	166,736	---	166,736	---	---
ELECT EQUIP - TACTICAL SURV. (TAC SURV) SENTINEL MODS.....						
79	---	424,253	---	99,229	---	-325,024
NIGHT VISION DEVICES.....						
80	---	11,357	---	11,357	---	---
SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF.....						
81	---	---	---	---	---	---
INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS.....						
82	---	202,258	---	195,818	---	-6,440
FAMILY OF WEAPON SIGHTS (FWS).....						
83	---	5,116	---	5,116	---	---
ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE.....						
84	---	37,914	---	37,914	---	---
FORWARD LOOKING INFRARED (IFLIR).....						
85	---	326,364	---	346,364	---	+20,000
COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS).....						
86	---	186,515	---	186,515	---	---
JOINT BATTLE COMMAND - PLATFORM (JBC-P).....						
87	---	10,304	---	5,152	---	-5,152
JOINT EFFECTS TARGETING SYSTEM (JETS).....						
88	---	3,038	---	3,038	---	---
COMPUTER BALLISTICS: LHMBC XM32.....						
89	---	4,879	---	4,879	---	---
MORTAR FIRE CONTROL SYSTEM.....						
90	---	4,370	---	4,370	---	---
MORTAR FIRE CONTROL SYSTEM MODIFICATIONS.....						
91	---	162,208	---	162,208	---	---
COUNTERFIRE RADARS.....						
92	---	60,455	---	80,455	---	+20,000
ELECT EQUIP - TACTICAL C2 SYSTEMS ARMY COMMAND POST INTEGRATED INFRASTRUCTURE.....						
93	---	9,676	---	9,676	---	---
FIRE SUPPORT C2 FAMILY.....						
94	---	72,619	---	72,619	---	---
AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD).....						
95	---	438,967	---	438,967	---	---
IAMD BATTLE COMMAND SYSTEM.....						
96	---	4,586	---	4,586	---	---
LIFE CYCLE SOFTWARE SUPPORT (LCSS).....						
97	---	37,199	---	37,199	---	---
NETWORK MANAGEMENT INITIALIZATION AND SERVICE.....						
98	---	4,102	---	4,102	---	---
GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A).....						
99	---	6,926	---	6,926	---	---
INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY.....						
101	---	4,076	---	15,076	---	+11,000
MOD OF IN-SERVICE EQUIPMENT (ENFIRE).....						
102	---	8,033	---	8,033	---	---
ELECT EQUIP - AUTOMATION ARMY TRAINING MODERNIZATION.....						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
103		96,554		96,554		
104		43,767				-43,767
105		97		97		
106		73,655		73,655		
107		17,701		4,075		-13,626
108		88,141		88,141		
109						
ELECT EQUIP - AUDIO VISUAL SYS (A/V)						
ELECT EQUIP - SUPPORT						
111		12,853		12,853		
999		1,596		1,596		
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.						
		5,688,481		5,208,811		-479,670
OTHER SUPPORT EQUIPMENT						
CHEMICAL DEFENSIVE EQUIPMENT						
112				12,000		+12,000
113		47,960		47,960		
114		56,129		56,129		
BRIDGING EQUIPMENT						
116		13,785		13,785		
117						
118		6,774		1,045		-5,729
119		10,379		10,379		
ENGINEER (NON-CONSTRUCTION) EQUIPMENT						
120						
122						
124		52,340		52,340		
125						
COMBAT SERVICE SUPPORT EQUIPMENT						
127		7,672		7,672		
128						
129		4,691		4,691		
130		124,953		124,953		
131		15,933		15,933		
132						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
133	---	---	---	---	---	---
FIELD FEEDING EQUIPMENT.....						
134	---	42,444	---	42,444	---	---
CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM.....						
135	---	---	---	---	---	---
FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS.....						
136	---	4,155	---	4,155	---	---
ITEMS LESS THAN \$5M (ENG SPT).....						
PETROLEUM EQUIPMENT						
137	---	2,845	---	2,845	---	---
QUALITY SURVEILLANCE EQUIPMENT18355.....						
138	---	26,433	---	26,433	---	---
DISTRIBUTION SYSTEMS, PETROLEUM & WATER.....						
MEDICAL EQUIPMENT						
139	---	75,606	---	78,106	---	+2,500
COMBAT SUPPORT MEDICAL.....						
MAINTENANCE EQUIPMENT						
140	---	3,936	---	3,936	---	---
MOBILE MAINTENANCE EQUIPMENT SYSTEMS.....						
CONSTRUCTION EQUIPMENT						
147	---	31,341	---	31,341	---	---
ALL TERRAIN CRANES.....						
149	---	3,256	---	3,256	---	---
FAMILY OF DIVER SUPPORT EQUIPMENT.....						
150	---	9,104	---	4,169	---	-4,935
CONST EQUIP ESP.....						
RAIL FLOAT CONTAINERIZATION EQUIPMENT						
151	---	47,889	---	47,889	---	---
ARMY WATERCRAFT ESP.....						
152	---	104,676	---	104,676	---	---
MANEUVER SUPPORT VESSEL (MSV).....						
153	---	10,131	---	10,131	---	---
ITEMS LESS THAN \$5.0M (FLOAT/RAIL).....						
GENERATORS						
154	---	54,400	---	112,689	---	+58,289
GENERATORS AND ASSOCIATED EQUIPMENT.....						
155	---	8,293	---	8,293	---	---
TACTICAL ELECTRIC POWER RECAPITALIZATION.....						
MATERIAL HANDLING EQUIPMENT						
156	---	8,819	---	8,819	---	---
FAMILY OF FORKLIFTS.....						
TRAINING EQUIPMENT						
157	---	48,046	---	48,046	---	---
COMBAT TRAINING CENTERS SUPPORT.....						
158	---	201,966	---	201,966	---	---
TRAINING DEVICES, NONSYSTEM.....						
159	---	255,670	---	255,670	---	---
SYNTHETIC TRAINING ENVIRONMENT (STE).....						
160	---	9,546	---	9,546	---	---
GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING.....						
TEST MEASURE AND DIG EQUIPMENT (TMD)						
162	---	36,514	---	36,514	---	---
INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE).....						
164	---	32,734	---	32,734	---	---
TEST EQUIPMENT MODERNIZATION (TEMOD).....						
OTHER SUPPORT EQUIPMENT						
166	---	102,556	---	102,556	---	---
PHYSICAL SECURITY SYSTEMS (OPA3).....						
167	---	31,417	---	31,417	---	---
BASE LEVEL COM'L EQUIPMENT.....						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
168 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3).....	---	24,047	---	34,047	---	+10,000
169 BUILDING, PRE-FAB, RELOCATABLE.....	---	32,151	---	32,151	---	---
170 SPECIAL EQUIPMENT FOR TEST AND EVALUATION.....	---	84,779	---	84,779	---	---
TOTAL, OTHER SUPPORT EQUIPMENT.....	---	1,633,370	---	1,705,495	---	+72,125
SPARE AND REPAIR PARTS						
172 INITIAL SPARES - C&E.....	---	10,463	---	10,463	---	---
181 TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEMS.....	---	---	---	---	---	---
TOTAL, OTHER PROCUREMENT, ARMY.....	---	8,457,509	---	8,243,869	---	-213,640

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
-----						
AIRCRAFT PROCUREMENT, NAVY						
COMBAT AIRCRAFT						
1		90,865		90,865		
2	13	1,663,515	13	1,699,053		+35,538
3		387,596		182,376		-205,220
4	15	1,909,635	15	1,973,748		+64,113
5		200,118		200,118		
6	10	1,669,986	12	1,861,016	+2	+191,030
7		357,824		325,559		-32,265
8		31,795		31,795		
9						
11		41,521		41,521		
12	5	842,401	5	802,650		-39,751
13						
		7,195,256		7,208,701		+13,445
-----						
TRAINER AIRCRAFT						
	10	123,217	10	107,801		-15,416
15	26	119,816	26	119,816		
		243,033		227,617		-15,416
-----						
OTHER AIRCRAFT						
16	5	439,501	5	430,530		-8,971
17		29,122		29,122		
19	3	587,820	3	584,192		-3,628
20		75,235		70,335		-4,900
21						
22		2,703		2,703		
23	4	696,713	2	348,356	-2	-348,357
24		51,483		27,729		-23,754
25	5	103,882	5	98,132		-5,750
		1,986,439		1,591,099		-395,340
-----						
MODIFICATION OF AIRCRAFT						
27		141,514		141,514		
28		572,681		552,849		-19,832
29		86,116		67,116		-19,000

PROCUREMENT  
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED	CHANGE FROM REQUEST		
		QTY	AMOUNT	QTY	AMOUNT		
					QTY		
30	AEA SYSTEMS.....	---	25,058	---	25,058	---	---
31	AV-8 SERIES.....	---	26,657	---	26,657	---	---
32	INFRARED SEARCH AND TRACK (IRST).....	---	144,699	---	96,574	---	-48,125
33	ADVERSARY.....	---	105,188	---	105,188	---	---
34	F-18 SERIES.....	---	480,663	---	424,589	---	-56,074
35	H-53 SERIES.....	---	40,151	---	40,151	---	---
36	MH-60 SERIES.....	---	126,238	---	126,238	---	---
37	H-1 SERIES.....	---	122,498	---	122,498	---	---
38	EP-3 SERIES.....	---	8,492	---	8,492	---	---
39	E-2 SERIES.....	---	188,897	---	188,897	---	---
40	TRAINER A/C SERIES.....	---	9,568	---	9,568	---	---
41	C-2A.....	---	---	---	---	---	---
42	C-130 SERIES.....	---	132,170	---	119,695	---	-12,475
43	FENSG.....	---	695	---	695	---	---
44	CARGO/TRANSPORT A/C SERIES.....	---	10,902	---	8,688	---	-2,214
45	E-6 SERIES.....	---	129,049	---	129,049	---	---
46	EXECUTIVE HELICOPTERS SERIES.....	---	55,265	---	55,265	---	---
47	T-45 SERIES.....	---	201,670	---	193,207	---	-8,463
48	POWER PLANT CHANGES.....	---	24,685	---	24,685	---	---
49	JPATS SERIES.....	---	19,780	---	19,780	---	---
50	AVIATION LIFE SUPPORT MODS.....	---	1,143	---	1,143	---	---
51	COMMON ECM EQUIPMENT.....	---	129,722	---	129,722	---	---
52	COMMON AVIONICS CHANGES.....	---	136,883	---	131,883	---	-5,000
53	COMMON DEFENSIVE WEAPON SYSTEM.....	---	6,373	---	6,373	---	---
54	ID SYSTEMS.....	---	3,828	---	3,828	---	---
55	P-8 SERIES.....	---	249,342	---	238,916	---	-10,426
56	MAGTF EW FOR AVIATION.....	---	24,684	---	24,684	---	---
57	HQ-8 SERIES.....	---	9,846	---	9,846	---	---
58	V-22 (TILT/ROTOR ACFT) OSPREY.....	---	207,621	---	235,221	---	+27,600
59	NEXT GENERATION JAMMER (NGJ).....	---	401,563	---	385,540	---	-16,023
60	F-35 STOVL SERIES.....	---	216,356	---	199,294	---	-17,062
61	F-35 CV SERIES.....	---	208,336	---	204,110	---	-4,226
62	QUICK REACTION CAPABILITY (QRC).....	---	47,864	---	47,864	---	---



PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
63 MQ-4 SERIES.....	---	94,738	---	91,977	---	-2,761
64 RQ-21 SERIES.....	---	6,576	---	6,576	---	---
TOTAL, MODIFICATION OF AIRCRAFT.....	---	4,397,511	---	4,203,430	---	-194,081
AIRCRAFT SPARES AND REPAIR PARTS						
72 SPARES AND REPAIR PARTS.....	---	1,872,417	---	1,972,417	---	+100,000
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
69 COMMON GROUND EQUIPMENT.....	---	542,214	---	519,886	---	-22,328
70 AIRCRAFT INDUSTRIAL FACILITIES.....	---	101,559	---	101,559	---	---
71 WAR CONSUMABLES.....	---	40,316	---	40,316	---	---
72 OTHER PRODUCTION CHARGES.....	---	46,403	---	46,403	---	---
73 SPECIAL SUPPORT EQUIPMENT.....	---	423,280	---	423,280	---	---
TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES..	---	1,153,772	---	1,131,444	---	-22,328
TOTAL, AIRCRAFT PROCUREMENT, NAVY.....	---	16,848,428	---	16,334,708	---	-513,720

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
WEAPONS PROCUREMENT, NAVY						
BALLISTIC MISSILES						
MODIFICATION OF MISSILES						
1	---	1,125,164	---	1,106,399	---	-18,765
TRIDENT II MODS.....						
SUPPORT EQUIPMENT AND FACILITIES						
2	---	7,767	---	7,767	---	---
MISSILE INDUSTRIAL FACILITIES.....						
TOTAL, BALLISTIC MISSILES.....						
---	---	1,132,931	---	1,114,166	---	-18,765
OTHER MISSILES						
STRATEGIC MISSILES						
3	40	160,190	70	206,501	+30	+46,311
TOMAHAWK.....						
TACTICAL MISSILES						
4	337	335,900	337	335,900	---	---
AMRAAM.....						
5	128	63,288	128	62,288	---	-1,000
SIDEWINDER.....						
6	125	489,123	125	410,473	---	-78,650
STANDARD MISSILE.....						
7	---	---	---	---	---	---
STANDARD MISSILE (AP-CY).....						
8	31	58,481	---	---	-31	-58,481
JASSM.....						
9	481	108,317	481	100,684	---	-7,633
SMALL DIAMETER BOMB II.....						
10	100	92,131	100	92,131	---	---
RAM.....						
11	293	78,395	293	78,395	---	---
JOINT AIR GROUND MISSILE (JAGM).....						
12	110	6,603	110	6,603	---	---
HELLFIRE.....						
13	---	183,222	---	182,134	---	-1,088
AERIAL TARGETS.....						
14	61	62,930	30	50,430	-31	-12,500
DRONES AND DECOYS.....						
15	---	3,524	---	3,524	---	---
OTHER MISSILE SUPPORT.....						
16	60	226,022	60	219,662	---	-6,360
LRASM.....						
17	39	59,034	39	59,034	---	---
NAVAL STRIKE MISSILE (NSM).....						
MODIFICATION OF MISSILES						
18	---	435,308	---	435,308	---	---
TOMAHAWK MODS.....						
19	136	282,035	136	282,035	---	---
ESSM.....						
21	69	131,275	69	131,275	---	---
AARGM.....						
22	---	71,198	---	71,198	---	---
STANDARD MISSILES MODS.....						
SUPPORT EQUIPMENT AND FACILITIES						
23	---	1,976	---	1,976	---	---
WEAPONS INDUSTRIAL FACILITIES.....						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
26		40,793		40,793		
		2,889,745		2,770,344		-119,401
26		3,789		3,789		
27	28	151,128	28	123,128		-28,000
28		14,403		14,403		
29		106,772		103,372		-3,400
30		18,502		18,502		
31		9,282		9,282		
32		87,044		87,044		
33		3,965		3,965		
34		5,315		5,315		
		400,200		368,800		-31,400
35		13,859		13,859		
36		2,655		2,655		
37		34,259		34,259		
38		81,725		106,725		+25,000
39	30	4,580	30	4,580		
40		8,710		8,710		
		145,788		170,788		+25,000
42		170,041		170,041		
		4,738,705		4,594,139		-144,566

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
-----						
PROCUREMENT OF AMMO, NAVY & MARINE CORPS						
PROC AMMO, NAVY						
NAVY AMMUNITION						
1		47,198		47,198		
GENERAL PURPOSE BOMBS.....						
2	3,037	76,688	3,037	76,688		
JDAH.....						
3		70,005		70,005		
AIRBORNE ROCKETS, ALL TYPES.....						
4		20,586		20,586		
MACHINE GUN AMMUNITION.....						
5		51,109		47,303		-3,806
PRACTICE BOMBS.....						
6		72,534		71,391		-1,143
CARTRIDGES & CART ACTUATED DEVICES.....						
7		114,475		101,048		-13,427
AIR EXPENDABLE COUNTERMEASURES.....						
8		7,096		7,096		
JATOS.....						
9		30,018		20,471		-9,547
5 INCH/54 GUN AMMUNITION.....						
10		40,089		27,870		-12,219
INTERMEDIATE CALIBER GUN AMMUNITION.....						
11		42,707		39,595		-3,112
OTHER SHIP GUN AMMUNITION.....						
12		49,023		44,552		-4,471
SMALL ARMS & LANDING PARTY AMMO.....						
13		9,480		9,480		
PYROTECHNIC AND DEMOLITION.....						
14		1,622		1,622		
AMMUNITION LESS THAN \$5 MILLION.....						
		632,630		584,905		-47,725
-----						
		TOTAL, PROC AMMO, NAVY.....				
PROC AMMO, MARINE CORPS						
15		71,214		62,713		-8,501
MORTARS.....						
16		65,169		62,627		-2,542
DIRECT SUPPORT MUNITIONS.....						
17		225,271		143,729		-81,542
INFANTRY WEAPONS AMMUNITION.....						
18		19,691		19,691		
COMBAT SUPPORT MUNITIONS.....						
19		17,327		17,327		
AMMO MODERNIZATION.....						
20		15,514		15,514		
ARTILLERY MUNITIONS.....						
21		5,476		5,476		
ITEMS LESS THAN \$5 MILLION.....						
		419,662		327,077		-92,585
-----						
		TOTAL, PROC AMMO, MARINE CORPS.....				
=====						
		TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS.....		911,982		-140,310
=====						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
SHIPBUILDING & CONVERSION, NAVY						
FLEET BALLISTIC MISSILE SHIPS						
1		3,079,223		3,079,223		
2		2,778,553		2,778,553		
OTHER WARSHIPS						
3		1,481,530		1,463,905		-17,625
4		1,052,024		1,052,024		
5	2	4,534,184	2	4,534,184		
6		2,025,651		2,025,651		
7						
8		618,295		573,422		-44,873
9		72,976		72,976		
10	2	4,376,537	2	4,376,537		
11		618,352		618,352		
13	1	1,085,224	1	1,085,224		
14		74,949				-74,949
		15,939,722		15,802,275		-137,447
AMPHIBIOUS SHIPS						
15	1	1,673,000	1	1,673,000		
16						
17						
20	1	1,085,470	1	1,085,470		
21						
		2,758,470		2,758,470		
AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS						
22	1	794,719	1	794,719		
23						
24	1	95,915	1	95,915		
26						
27		707,412		707,412		
28	2	190,433	2	190,433		
29		68,274		68,274		
30	2	36,301	2	36,301		

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
31 AUXILIARY VESSELS.....	2	140,686	2	140,686	---	---
32 COMPLETION OF PY SHIPBUILDING PROGRAMS.....	---	1,328,146	---	1,328,146	---	---
TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM.....	---	3,361,886	---	3,361,886	-----	-----
TOTAL, SHIPBUILDING & CONVERSION, NAVY.....		27,917,854		27,780,407	-----	-137,447



PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
28						
OCEAN ENGINEERING						
		11,773		11,773		
DIVING AND SALVAGE EQUIPMENT.....						
29						
SMALL BOATS						
		57,262		57,262		
STANDARD BOATS.....						
30						
PRODUCTION FACILITIES EQUIPMENT						
		174,743		174,743		
OPERATING FORCES IPE.....						
31						
OTHER SHIP SUPPORT						
		57,313		54,883		-2,430
LCS COMMON MISSION MODULES EQUIPMENT.....						
32						
		94,987		90,295		-4,692
LCS MCM MISSION MODULES.....						
33						
		3,594		3,594		
LCS ASW MISSION MODULES.....						
34						
		5,100		5,100		
LCS SUW MISSION MODULES.....						
35						
		76,526		88,526		+12,000
LCS IN-SERVICE MODERNIZATION.....						
36						
LOGISTICS SUPPORT						
		49,763		49,763		
SMALL & MEDIUM UVV.....						
		4,302,492		4,036,959		-265,533
TOTAL, SHIPS SUPPORT EQUIPMENT.....						
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
37						
SHIP SONARS						
		12,063		12,063		
SPQ-9B RADAR.....						
38						
		141,591		140,157		-1,434
AN/SQQ-89 SURF ASW COMBAT SYSTEM.....						
39						
		446,653		438,684		-7,969
SSN ACOUSTICS EQUIPMENT.....						
40						
		17,424		17,424		
UNDERSEA WARFARE SUPPORT EQUIPMENT.....						
41						
ASW ELECTRONIC EQUIPMENT						
		31,708		31,708		
SUBMARINE ACOUSTIC WARFARE SYSTEM.....						
42						
		14,325		14,325		
SSTD.....						
43						
		266,228		266,228		
FIXED SURVEILLANCE SYSTEM.....						
44						
		25,030		25,030		
SURTASS.....						
45						
ELECTRONIC WARFARE EQUIPMENT						
		292,417		288,142		-4,275
AN/SLQ-32.....						
46						
RECONNAISSANCE EQUIPMENT						
		311,210		311,210		
SHIPBOARD IW EXPLOIT.....						
47						
		2,487		2,487		
AUTOMATED IDENTIFICATION SYSTEM (AIS).....						
48						
OTHER SHIP ELECTRONIC EQUIPMENT						
		34,500		34,500		
COOPERATIVE ENGAGEMENT CAPABILITY.....						
49						
		19,038		19,038		
NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS).....						
50						
		73,675		73,675		
ATDLS.....						



PROCUREMENT  
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED	CHANGE FROM REQUEST		
		QTY	AMOUNT	QTY	AMOUNT		
					QTY		
51	NAVY COMMAND AND CONTROL SYSTEM (NCCS).....	---	3,435	---	3,435	---	---
52	MINESWEEPING SYSTEM REPLACEMENT.....	---	16,336	---	16,336	---	---
53	SHALLOW WATER MCM.....	---	---	---	---	---	---
54	NAVSTAR GPS RECEIVERS (SPACE).....	---	30,439	---	30,439	---	---
55	AMERICAN FORCES RADIO AND TV.....	---	2,724	---	2,724	---	---
56	STRATEGIC PLATFORM SUPPORT EQUIP.....	---	6,266	---	6,266	---	---
	AVIATION ELECTRONIC EQUIPMENT						
57	ASHORE ATC EQUIPMENT.....	---	89,396	---	89,396	---	---
58	AFLOAT ATC EQUIPMENT.....	---	86,732	---	79,591	---	-7,141
59	ID SYSTEMS.....	---	59,226	---	59,226	---	---
60	JOINT PRECISION APPROACH AND LANDING SYSTEM.....	---	8,186	---	8,186	---	---
61	NAVAL MISSION PLANNING SYSTEMS.....	---	26,778	---	25,092	---	-1,686
	OTHER SHORE ELECTRONIC EQUIPMENT						
62	MARITIME INTEGRATED BROADCAST SYSTEM.....	---	3,520	---	3,520	---	---
63	TACTICAL/MOBILE C41 SYSTEMS.....	---	31,840	---	27,434	---	-4,406
64	DCGS-N.....	---	15,606	---	15,606	---	---
65	CANES.....	---	402,550	---	402,550	---	---
66	RADIAC.....	---	9,062	---	9,062	---	---
67	CANES-INTELL.....	---	48,665	---	48,665	---	---
68	GPETE.....	---	23,479	---	23,479	---	---
69	NETWORK TACTICAL COMMON DATA LINK.....	---	11,792	---	11,792	---	---
70	INTEG COMBAT SYSTEM TEST FACILITY.....	---	6,053	---	6,053	---	---
71	EMI CONTROL INSTRUMENTATION.....	---	4,219	---	4,219	---	---
72	ITEMS LESS THAN \$5 MILLION.....	---	102,846	---	88,951	---	-13,895
	SHIPBOARD COMMUNICATIONS						
73	SHIPBOARD TACTICAL COMMUNICATIONS.....	---	36,941	---	36,941	---	---
74	SHIP COMMUNICATIONS AUTOMATION.....	---	101,691	---	101,691	---	---
75	COMMUNICATIONS ITEMS UNDER \$5M.....	---	55,290	---	54,140	---	-1,150
	SUBMARINE COMMUNICATIONS						
76	SUBMARINE BROADCAST SUPPORT.....	---	91,150	---	91,150	---	---
77	SUBMARINE COMMUNICATION EQUIPMENT.....	---	74,569	---	74,569	---	---
	SATELLITE COMMUNICATIONS						
78	SATELLITE COMMUNICATIONS SYSTEMS.....	---	39,827	---	39,827	---	---
79	NAVY MULTIBAND TERMINAL (NMT).....	---	24,586	---	24,586	---	---

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
80						
SHORE COMMUNICATIONS						
		4,699	2,651			-2,048
JCS COMMUNICATIONS EQUIPMENT.....						
81		156,034	156,034			
CRYPTOGRAPHIC EQUIPMENT						
INFO SYSTEMS SECURITY PROGRAM (ISSP).....						
82		1,055	1,055			
MIO INTEL EXPLOITATION TEAM.....						
83		18,832	18,832			
CRYPTOLOGIC EQUIPMENT						
CRYPTOLOGIC COMMUNICATIONS EQUIP.....						
92		88,556	63,347			-5,209
OTHER ELECTRONIC SUPPORT						
COAST GUARD EQUIPMENT.....						
		3,350,729	3,301,516			-49,213
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....						
94		291,670	303,520			+11,850
AVIATION SUPPORT EQUIPMENT						
SONOBUOYS						
SONOBUOYS - ALL TYPES.....						
95		5,247	5,247			
AIRCRAFT SUPPORT EQUIPMENT						
MINOTAUR.....						
96		106,209	95,657			-10,552
WEAPONS RANGE SUPPORT EQUIPMENT.....						
97		275,461	227,987			-47,474
AIRCRAFT SUPPORT EQUIPMENT.....						
98		22,717	22,717			
ADVANCED ARRESTING GEAR (AAG).....						
99		18,594	18,594			
ELECTROMAGNETIC AIRCRAFT LAUNCH SYSTEM.....						
100		15,175	15,175			
METEOROLOGICAL EQUIPMENT.....						
101		4,689	4,689			
LEGACY AIRBORNE MINE COUNTERMEASURES.....						
102		1,610	1,610			
LAMPS EQUIPMENT.....						
103		86,409	82,118			-4,291
AVIATION SUPPORT EQUIPMENT.....						
104		136,647	131,239			-5,408
UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CONTROL.....						
		964,428	908,553			-55,875
TOTAL, AVIATION SUPPORT EQUIPMENT.....						
105		5,902	5,902			
ORDNANCE SUPPORT EQUIPMENT						
SHIP GUN SYSTEM EQUIPMENT						
SHIP GUN SYSTEMS EQUIPMENT.....						
106		217	217			
SHIP MISSILE SYSTEMS EQUIPMENT						
HARPOON SUPPORT EQUIPMENT.....						
107		286,788	277,828			-8,960
SHIP MISSILE SUPPORT EQUIPMENT.....						
108		95,856	92,270			-3,586
TOMAHAWK SUPPORT EQUIPMENT.....						
109		279,430	279,430			
FBM SUPPORT EQUIPMENT						
STRATEGIC MISSILE SYSTEMS EQUIP.....						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
-----						
ASW SUPPORT EQUIPMENT						
110		128,874		128,874		
111		26,920		26,920		
OTHER ORDNANCE SUPPORT EQUIPMENT						
112		17,048		14,336		-2,712
113		5,938		5,938		
OTHER EXPENDABLE ORDNANCE						
114		86,264		86,264		
115		80,591		80,591		
116		198,695		169,945		-28,750
-----						
		1,212,523		1,168,515		-44,008
-----						
CIVIL ENGINEERING SUPPORT EQUIPMENT						
117		4,799		4,799		
118		2,542		2,542		
119		50,619		50,001		-618
120		16,305		16,305		
121		28,586		26,276		-2,310
122		2,840		2,840		
123		64,311		55,200		-9,111
124		1,263		1,263		
-----						
		171,265		159,226		-12,039
-----						
SUPPLY SUPPORT EQUIPMENT						
125		32,338		32,338		
126		6,255		6,255		
127		613,039		613,039		
-----						
		651,632		651,632		
-----						
PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
TRAINING DEVICES						
128		1,285		1,285		
129		44,618		44,618		
COMMAND SUPPORT EQUIPMENT						
130		55,728		38,774		-16,954
131		5,325		25,325		+20,000
133		6,077		6,077		

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
134 OPERATING FORCES SUPPORT EQUIPMENT.....	---	16,252	---	13,784	---	-2,468
135 C4ISR EQUIPMENT.....	---	6,497	---	6,497	---	---
136 ENVIRONMENTAL SUPPORT EQUIPMENT.....	---	36,592	---	36,592	---	---
137 PHYSICAL SECURITY EQUIPMENT.....	---	118,598	---	107,372	---	-11,226
138 ENTERPRISE INFORMATION TECHNOLOGY.....	---	29,407	---	29,407	---	---
142 NEXT GENERATION ENTERPRISE SERVICE.....	---	201,314	---	177,314	---	-24,000
143 CYBERSPACE ACTIVITIES.....	---	5,018	---	5,018	---	---
144 CYBER MISSION FORCES.....	---	17,115	---	17,115	---	---
TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT...	---	543,826	---	509,178	---	-34,648
145 SPARES AND REPAIR PARTS.....	---	532,313	---	532,313	---	---
CLASSIFIED PROGRAMS.....	---	17,295	---	17,295	---	---
TOTAL, OTHER PROCUREMENT, NAVY.....	---	11,746,503	---	11,285,187	---	-461,316

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
-----						
PROCUREMENT, MARINE CORPS						
WEAPONS AND COMBAT VEHICLES						
TRACKED COMBAT VEHICLES						
1		5,653		5,653		
AAV7A1 PIP.....						
2	74	536,678	74	502,021		-34,657
AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES.....						
3		57,099		55,739		-1,360
LAV PIP.....						
ARTILLERY AND OTHER WEAPONS						
4		1,782		1,782		
155MM LIGHTWEIGHT TOWED HOWITZER.....						
5		143,808		143,808		
ARTILLERY WEAPONS SYSTEM.....						
6		11,118		11,118		
WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION.....						
-----						
		756,138		720,121		-36,017
TOTAL, WEAPONS AND COMBAT VEHICLES.....						
GUIDED MISSILES AND EQUIPMENT						
GUIDED MISSILES						
7	13	42,958	13	42,958		
TOMAHAWK.....						
8	115	174,369	115	174,369		
NAVAL STRIKE MISSILE (NSM).....						
9		173,801		166,053		-7,748
GROUND BASED AIR DEFENSE.....						
10	4	18,495	4	17,205		-1,290
ANTI-ARMOR MISSILE - JAVELIN.....						
11		21,419		21,419		
FAMILY OF ANTI-ARMOR WEAPON SYSTEMS.....						
12		663		663		
ANTI-ARMOR MISSILE - TOW.....						
13	44	7,605	44	7,605		
GUIDED MLRS ROCKET (GMLRS).....						
-----						
		439,310		430,272		-9,038
TOTAL, GUIDED MISSILES AND EQUIPMENT.....						
COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
COMMAND AND CONTROL SYSTEMS						
14		30,292		30,292		
COMMON AVIATION COMMAND AND CONTROL SYSTEM.....						
REPAIR AND TEST EQUIPMENT						
15		58,024		45,777		-12,247
REPAIR AND TEST EQUIPMENT.....						
16		293		293		
MODIFICATION KITS.....						
OTHER SUPPORT (TEL)						
COMMAND AND CONTROL						
17		83,345		83,345		
ITEMS UNDER \$5 MILLION (COMM & ELEC).....						
18		11,048		11,048		
AIR OPERATIONS C2 SYSTEMS.....						
RADAR + EQUIPMENT (NON-TEL)						
19		61,943		61,943		
GROUND/AIR TASK ORIENTED RADAR.....						
INTELL/COMM EQUIPMENT (NON-TEL)						
20		1,663		1,663		
GCSS-MC.....						
21		48,322		48,322		
FIRE SUPPORT SYSTEM.....						

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
22 INTELLIGENCE SUPPORT EQUIPMENT.....	---	182,894	---	167,894	---	-15,000
24 UNMANNED AIR SYSTEMS (INTEL).....	---	47,595	---	39,219	---	-8,376
25 DCGS-MC.....	---	47,998	---	40,598	---	-7,400
26 UAS PAYLOADS.....	---	8,619	---	8,619	---	---
OTHER SUPPORT (NON-TEL)						
29 NEXT GENERATION ENTERPRISE NETWORK.....	---	276,763	---	248,745	---	-28,018
30 COMMON COMPUTER RESOURCES.....	---	40,096	---	32,096	---	-8,000
31 COMMAND POST SYSTEMS.....	---	58,314	---	58,314	---	---
32 RADIO SYSTEMS.....	---	612,450	---	526,866	---	-85,584
33 COMM SWITCHING & CONTROL SYSTEMS.....	---	51,976	---	39,326	---	-12,650
34 COMM & ELEC INFRASTRUCTURE SUPPORT.....	---	26,029	---	26,029	---	---
35 CYBERSPACE ACTIVITIES.....	---	17,759	---	17,759	---	---
36 CYBER MISSION FORCES.....	---	4,036	---	4,036	---	---
CLASSIFIED PROGRAMS.....	---	3,884	---	3,884	---	---
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT.....	---	1,673,343	---	1,496,068	---	-177,275
SUPPORT VEHICLES						
ADMINISTRATIVE VEHICLES						
39 COMMERCIAL CARGO VEHICLES.....	---	35,179	---	27,269	---	-7,910
TACTICAL VEHICLES						
40 MOTOR TRANSPORT MODIFICATIONS.....	---	17,807	---	17,807	---	---
41 JOINT LIGHT TACTICAL VEHICLE.....	413	222,257	413	222,257	---	---
43 TRAILERS.....	---	2,721	---	2,721	---	---
TOTAL, SUPPORT VEHICLES.....	---	277,964	---	270,054	---	-7,910
ENGINEER AND OTHER EQUIPMENT						
ENGINEER AND OTHER EQUIPMENT						
45 TACTICAL FUEL SYSTEMS.....	---	7,854	---	7,854	---	---
46 POWER EQUIPMENT ASSORTED.....	---	5,841	---	5,841	---	---
47 AMPHIBIOUS SUPPORT EQUIPMENT.....	---	38,120	---	38,120	---	---
48 EOD SYSTEMS.....	---	201,047	---	182,247	---	-18,800
MATERIALS HANDLING EQUIPMENT						
49 PHYSICAL SECURITY EQUIPMENT.....	---	69,967	---	65,967	---	-4,000
GENERAL PROPERTY						
50 FIELD MEDICAL EQUIPMENT.....	---	21,780	---	21,780	---	---
51 TRAINING DEVICES.....	---	86,272	---	72,171	---	-14,101

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
52 FAMILY OF CONSTRUCTION EQUIPMENT.....	---	27,605	---	27,605	---	---
53 ULTRA-LIGHT TACTICAL VEHICLE.....	---	15,033	---	15,033	---	---
OTHER SUPPORT						
54 ITEMS LESS THAN \$5 MILLION.....	---	26,433	---	26,433	---	---
TOTAL, ENGINEER AND OTHER EQUIPMENT.....	---	499,952	---	463,051	---	-36,901
54 SPARES AND REPAIR PARTS.....	---	34,799	---	34,799	---	---
TOTAL, PROCUREMENT, MARINE CORPS.....	---	3,681,506	---	3,414,365	---	-267,141





PROCUREMENT  
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED	CHANGE FROM REQUEST		
		QTY	AMOUNT	QTY	AMOUNT		
					QTY		
24	B-52.....	---	127,854	---	113,729	---	-14,125
	COMBAT RESCUE HELICOPTER.....	---	---	---	---	---	---
25	LARGE AIRCRAFT INFRARED COUNTERMEASURES.....	---	25,286	---	25,286	---	---
	TACTICAL AIRCRAFT						
26	A-10.....	---	83,972	---	83,972	---	---
27	E-11 BACN/HAG.....	---	10,309	---	10,309	---	---
28	F-15.....	---	194,379	---	194,379	---	---
29	F-16.....	---	700,455	---	770,965	---	+70,510
30	F-22A.....	---	764,222	---	747,933	---	-16,289
31	F-35 MODIFICATIONS.....	---	414,382	---	414,382	---	---
32	F-15 EPAW.....	19	259,837	19	259,837	---	---
34	KC-46A MODS.....	---	467	---	467	---	---
	AIRLIFT AIRCRAFT						
35	C-5.....	---	46,027	---	15,673	---	-30,354
36	C-17A.....	---	152,009	---	157,509	---	+5,500
37	C-32A.....	---	4,068	---	4,068	---	---
38	C-37A.....	---	6,062	---	6,062	---	---
	TRAINER AIRCRAFT						
39	GLIDER MODS.....	---	149	---	149	---	---
40	T-6.....	---	6,215	---	6,215	---	---
41	T-1.....	---	6,262	---	6,262	---	---
42	T-38.....	---	111,668	---	111,668	---	---
	OTHER AIRCRAFT						
44	U-2 MODS.....	---	81,650	---	72,850	---	-8,800
45	KC-10A (ATCA).....	---	3,443	---	2,043	---	-1,400
46	C-21.....	---	2,024	---	2,024	---	---
47	VC-25A MOD.....	---	2,146	---	2,146	---	---
48	C-40.....	---	2,197	---	2,197	---	---
49	C-130.....	---	114,268	---	242,268	---	+128,000
50	C-130J MODS.....	---	112,299	---	112,299	---	---
51	C-135.....	---	149,023	---	136,123	---	-12,900
52	COMPASS CALL MODS.....	---	16,630	---	90,130	---	+73,500
53	RC-135.....	---	212,828	---	212,828	---	---
54	E-3.....	---	54,247	---	29,187	---	-25,060

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
55 E-4.....	---	5,973	---	5,973	---	---
56 E-8.....	---	16,610	---	---	---	-16,610
57 AIRBORNE WARNING AND CONTROL SYSTEM.....	---	---	---	---	---	---
59 H-1.....	---	1,757	---	1,757	---	---
60 H-60.....	---	10,820	---	10,820	---	---
61 COMBAT RESCUE HELICOPTER MODIFICATION.....	---	3,083	---	3,083	---	---
62 RQ-4 UAV MODS.....	---	1,286	---	1,286	---	---
63 HC/MC-130 MODIFICATIONS.....	---	138,956	---	108,318	---	-30,638
64 OTHER AIRCRAFT.....	---	29,029	---	41,383	---	+12,354
65 MQ-9 MODS.....	---	64,370	---	164,370	---	+100,000
66 MQ-9 UAS PAYLOADS.....	---	---	---	---	---	---
67 SENIOR LEADER C3, SYSTEM - AIRCRAFT.....	---	24,784	---	24,784	---	---
68 CV-22 MODS.....	---	153,026	---	153,026	---	---
TOTAL, MODIFICATION OF INSERVICE AIRCRAFT.....	---	4,257,137	---	4,468,125	---	+210,988
AIRCRAFT SPARES AND REPAIR PARTS INITIAL SPARES/REPAIR PARTS.....	---	623,661	---	722,070	---	+98,409
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES COMMON SUPPORT EQUIPMENT AIRCRAFT REPLACEMENT SUPPORT EQUIP.....	---	138,935	---	138,935	---	---
POST PRODUCTION SUPPORT 71 B-2A.....	---	1,802	---	1,802	---	---
72 B-2B.....	---	36,325	---	36,325	---	---
73 B-52.....	---	5,883	---	5,883	---	---
73A C-5 (BA07).....	---	---	---	18,000	---	+18,000
74 F-15.....	---	2,764	---	2,764	---	---
75 F-16 POST PRODUCTION SUPPORT.....	---	5,102	---	5,102	---	---
77 MQ9 POST PROD.....	---	7,069	---	7,069	---	---
78 RQ-4 POST PRODUCTION CHARGES.....	---	40,845	---	40,845	---	---
INDUSTRIAL RESPONSIVENESS INDUSTRIAL RESPONSIVENESS.....	---	19,128	---	19,128	---	---
WAR CONSUMABLES WAR CONSUMABLES.....	---	31,165	---	31,165	---	---

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
81 OTHER PRODUCTION CHARGES	---	1,047,300	---	1,047,300	---	---
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	---	1,336,318	---	1,354,318		+18,000
CLASSIFIED PROGRAMS	---	18,092	---	18,092	---	---
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	---	18,517,428	---	18,114,396		-403,032







PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER PROCUREMENT, AIR FORCE						
VEHICULAR EQUIPMENT						
PASSENGER CARRYING VEHICLES						
1						
		2,446		2,446		
CARGO + UTILITY VEHICLES						
2		1,125		1,125		
3		999		1,900		+901
4		35,220		35,220		
SPECIAL PURPOSE VEHICLES						
5		60,461		60,461		
6		382		382		
7		49,623		49,623		
FIRE FIGHTING EQUIPMENT						
8		11,231		11,231		
MATERIALS HANDLING EQUIPMENT						
9		12,559		15,269		+2,700
BASE MAINTENANCE SUPPORT						
10		6,409		6,409		
11		72,012		72,012		
		252,467		256,068		+3,601
ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
COMM SECURITY EQUIPMENT (COMSEC)						
13		96,851		96,851		
14		467,901		467,901		
INTELLIGENCE PROGRAMS						
15		7,043		7,043		
16		2,424		2,424		
17		25,308		25,308		
ELECTRONICS PROGRAMS						
18		65,531		65,531		
19		1,597		1,597		
20		9,611		6,611		-3,000
21		174,640		174,640		
22		20,658		20,658		
23		93,351		93,567		+216

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
24		6,118		6,118		
25		13,947		13,947		
27				4,740		+4,740
SPECIAL COMM-ELECTRONICS PROJECTS						
28		101,517		101,517		
29		2,487		2,487		
30		32,807		32,807		
31		10,210		10,210		
32						
35		134,213		139,213		+5,000
36		66,294		66,294		
37		29,518		29,518		
38		55,324		55,324		
39						
40		786		786		
41						
42		248		248		
43		275		275		
44		2,611		21,753		+19,142
AIR FORCE COMMUNICATIONS						
46		29,791		29,791		
47		83,320		80,320		-3,000
48		5,199		5,199		
49		11,896		11,896		
50		4,619		4,619		
ORGANIZATION AND BASE						
51		120,050		120,050		
52		14,053		14,053		
54		91,313		91,313		
MODIFICATIONS						
55		167,419		59,419		-108,000
TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP.						
		1,948,930		1,864,028		-84,902



PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
56		92,995		102,995		+10,000
PERSONAL SAFETY AND RESCUE EQUIP						
ITEMS LESS THAN \$5,000,000 (SAFETY).....						
57		12,199		12,199		
DEPOT PLANT + MATERIALS HANDLING EQ						
POWER CONDITIONING EQUIPMENT.....						
58		9,326		9,326		
MECHANIZED MATERIAL HANDLING.....						
BASE SUPPORT EQUIPMENT						
59		52,890		52,890		
BASE PROCURED EQUIPMENT.....						
60		231,552		231,552		
ENGINEERING AND EOD EQUIPMENT.....						
61		28,758		28,758		
MOBILITY EQUIPMENT.....						
62		21,740		12,740		-9,000
FUELS SUPPORT EQUIPMENT (FSE).....						
63						
ITEMS LESS THAN \$5M (BASE SUPPORT).....						
SPECIAL SUPPORT PROJECTS						
65		28,153		28,153		
DARP RC135.....						
66		217,713		217,713		
DISTRIBUTED GROUND SYSTEMS.....						
70		978,499		978,499		
SPECIAL UPDATE PROGRAM.....						
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP.....						
		1,673,825		1,674,825		+1,000
SPARE AND REPAIR PARTS						
71		1,007		1,007		
SPARES AND REPAIR PARTS (CYBER).....						
72		23,175		18,175		-5,000
SPARES AND REPAIR PARTS.....						
		21,791,709		21,612,571		-179,138
CLASSIFIED PROGRAMS.....						
TOTAL, OTHER PROCUREMENT, AIR FORCE.....						
		25,691,113		25,426,674		-264,439

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
-----						
PROCUREMENT, SPACE FORCE						
2		51,414		51,414		
3		62,691		60,241		-2,450
4		26,394		16,144		-10,250
5		21,982		14,482		-7,500
6		5,424		5,424		
7	2	657,562	2	646,962		-10,600
8		103,340		103,340		
9		950		950		
10		21,896		21,896		
11		29,587		20,067		-9,520
12		29,333		29,333		
13		148,666		141,966		-6,700
14		817,484		805,004		-12,480
15		46,833		46,833		
16	5	1,056,133	5	1,009,033		-47,100
17		7,062		7,062		
18		42,464		42,464		
19		39,145		39,145		
20	3	314,288	5	514,288	+2	+200,000
22		73,957		68,257		-5,700
23		71,712		71,712		
24		1,352		1,352		
-----						
TOTAL, PROCUREMENT, SPACE FORCE		3,629,669		3,717,369		+87,700
		=====		=====	=====	=====

PROCUREMENT  
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED	CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY
						AMOUNT
-----						
PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT					
	MAJOR EQUIPMENT, DCHA					
1	MAJOR EQUIPMENT, DCSA		2,346		2,346	
	MAJOR EQUIPMENT.....	---		---		---
3	MAJOR EQUIPMENT, DHRA		4,522		4,522	
	PERSONNEL ADMINISTRATION.....	---		---		---
11	MAJOR EQUIPMENT, DISA		24,044		24,044	
	INFORMATION SYSTEMS SECURITY.....	---		---		---
12	TELEPORT PROGRAM.....	---	50,475	---	50,475	---
13	JOINT FORCES HEADQUARTERS - DODIN.....	---	674	---	674	---
14	ITEMS LESS THAN \$5M.....	---	46,614	---	46,614	---
15	DEFENSE INFORMATION SYSTEMS NETWORK.....	---	87,345	---	87,345	---
16	WHITE HOUSE COMMUNICATION AGENCY.....	---	130,145	---	130,145	---
17	SENIOR LEADERSHIP ENTERPRISE.....	---	47,864	---	47,864	---
18	JOINT REGIONAL SECURITY STACKS (JRSS).....	---	17,135	---	17,135	---
19	JOINT SERVICE PROVIDER.....	---	86,183	---	86,183	---
20	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO).....	---	42,756	---	42,756	---
22	MAJOR EQUIPMENT, DLA		24,501		24,501	
	MAJOR EQUIPMENT.....	---		---		---
23	MAJOR EQUIPMENT, DHACT		11,117		11,117	
	MAJOR EQUIPMENT.....	---		---		---
24	MAJOR EQUIPMENT, DDEA		2,048		2,048	
	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS.....	---		---		---
25	MAJOR EQUIPMENT, DPAA	10	513	10	513	
	MAJOR EQUIPMENT, DPAA.....	---		---		---
27	MAJOR EQUIPMENT, DSS		139		139	
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY					
	VEHICLES.....	---		---		---
28	OTHER MAJOR EQUIPMENT.....	---	14,296	---	14,296	---
30	MAJOR EQUIPMENT, MDA	3	74,994	3	74,994	
	THAAD SYSTEM.....	---		---		---
31	GROUND BASED MIDCOURSE.....	---	11,300	---	11,300	---
32	AEGIS BMD.....	47	402,235	47	402,235	---
32	AEGIS BMD (AP).....	---	---	---	---	---

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
34	---	4,606	---	4,606	---	---
35	10	337,975	10	337,975	---	---
36	1	80,000	1	80,000	---	---
37	1	40,000	1	40,000	---	---
38	---	26,514	---	26,514	---	---
39	---	30,056	---	30,056	---	---
40	1	80,000	1	80,000	---	---
41	6	78,181	6	78,181	---	---
47	---	6,738	---	6,738	---	---
50	---	64,291	---	153,291	---	+89,000
52	---	3,900	---	3,900	---	---
54	---	310	---	310	---	---
TOTAL, MAJOR EQUIPMENT	---	1,833,817	---	1,922,817	---	+89,000
SPECIAL OPERATIONS COMMAND AVIATION PROGRAMS						
55	9	246,000	9	246,000	---	---
56	---	5,000	---	5,000	---	---
57	---	3,344	---	3,344	---	---
59	---	214,575	---	210,283	---	-4,292
60	---	41,749	---	41,749	---	---
61	---	7,156	---	7,156	---	---
62	---	4,589	---	4,589	---	---
63	---	133,144	---	133,144	---	---
64	---	75,629	---	83,215	---	+7,586
65	---	9,000	---	9,000	---	---
66	---	57,450	---	57,450	---	---
67	---	225,569	---	221,058	---	-4,511

PROCUREMENT  
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED	CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY
68	C-130 MODIFICATIONS.....	---	11,945	---	16,893	---
						+4,948

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
69 SHIPBUILDING UNDERWATER SYSTEMS.....	---	45,631	---	44,718	---	-913
AMMUNITION PROGRAMS						
70 SOF ORDNANCE ITEMS UNDER \$5,000,000.....	---	151,233	---	154,938	---	+3,705
OTHER PROCUREMENT PROGRAMS						
71 SOF INTELLIGENCE SYSTEMS.....	---	175,616	---	219,084	---	+43,478
72 DCGS-SOF.....	---	2,214	---	2,214	---	---
73 OTHER ITEMS UNDER \$5,000,000.....	---	98,096	---	96,134	---	-1,962
74 SOF COMBATANT CRAFT SYSTEMS.....	---	85,566	---	85,566	---	---
75 SPECIAL PROGRAMS.....	---	20,042	---	20,042	---	---
76 TACTICAL VEHICLES.....	---	51,605	---	51,605	---	---
77 WARRIOR SYSTEMS UNDER \$5,000,000.....	---	306,846	---	352,992	---	+46,146
78 COMBAT MISSION REQUIREMENTS.....	---	4,991	---	4,991	---	---
80 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	---	18,723	---	18,723	---	---
81 SOF OPERATIONAL ENHANCEMENTS.....	---	347,473	---	358,227	---	+10,754
TOTAL, SPECIAL OPERATIONS COMMAND.....	---	2,343,186	---	2,448,125	---	+104,939
CHEMICAL/BIOLOGICAL DEFENSE						
82 CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS.....	---	199,439	---	197,747	---	-1,692
83 CB PROTECTION AND HAZARD MITIGATION.....	---	187,164	---	187,164	---	---
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE.....	---	386,603	---	384,911	---	-1,692
9999 CLASSIFIED PROGRAMS.....	---	681,894	---	669,894	---	-12,000
TOTAL, PROCUREMENT, DEFENSE-WIDE.....	---	5,245,500	---	5,425,747	---	+180,247

PROCUREMENT  
(DOLLARS IN THOUSANDS)

	REQUEST QTY	AMOUNT	RECOMMENDED QTY	AMOUNT	CHANGE FROM REQUEST QTY	AMOUNT
-----						
DEFENSE PRODUCTION ACT PURCHASES						
1	DEFENSE PRODUCTION ACT PURCHASES.....	---	659,906	---	707,906	--- +48,000
		=====		=====	=====	=====
1	TOTAL, DEFENSE PRODUCTION ACT PURCHASES.....	---	659,906	---	707,906	--- +48,000
		=====		=====	=====	=====
	NATIONAL GUARD AND RESERVE EQUIPMENT.....	---	---	---	1,000,000	--- +1,000,000

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY			
BASIC RESEARCH			
1	279,328	331,828	+52,500
2	70,775	77,775	+7,000
3	100,909	110,709	+9,800
4	5,355	5,355	---
5	10,456	10,456	---
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH			
TOTAL, BASIC RESEARCH			
	466,823	536,123	+69,300
APPLIED RESEARCH			
6	9,534	9,534	---
7	---	---	---
8	6,192	6,192	---
9	87,717	142,717	+55,000
10	27,833	27,833	---
11	103,839	151,839	+48,000
12	52,848	135,748	+82,900
13	174,090	216,090	+42,000
14	64,115	112,115	+48,000
15	43,029	88,029	+45,000
16	69,348	74,348	+5,000
17	27,016	48,768	+21,752
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES			
18	16,454	16,454	---
19	27,399	27,399	---
20	27,892	27,892	---
21	41,588	46,588	+5,000
22	15,716	15,716	---
23	13,605	13,605	---
24	21,919	21,919	---
25	19,649	19,649	---
26	33,976	49,656	+15,680
TOTAL, APPLIED RESEARCH			
	883,759	1,252,091	+368,332



RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
27			
ADVANCED TECHNOLOGY DEVELOPMENT			
MEDICAL ADVANCED TECHNOLOGY.....	5,207	21,588	+16,381
28			
MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY..	15,598	15,598	---
29			
ARMY AGILE INNOVATION AND DEMONSTRATION.....	20,900	20,900	---
30			
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES.....	6,395	6,395	---
31			
ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY.....	45,463	45,463	---
32			
C3I ADVANCED TECHNOLOGY.....	12,716	12,716	---
33			
AIR PLATFORM ADVANCED TECHNOLOGY.....	17,946	17,946	---
34			
SOLDIER ADVANCED TECHNOLOGY.....	479	479	---
35			
MEDICAL DEVELOPMENT.....	---	---	---
36			
LETHALITY ADVANCED TECHNOLOGY.....	9,796	9,796	---
37			
ARMY ADVANCED TECHNOLOGY DEVELOPMENT.....	134,874	134,874	---
38			
SOLDIER LETHALITY ADVANCED TECHNOLOGY.....	100,935	105,435	+4,500
39			
GROUND ADVANCED TECHNOLOGY.....	32,546	174,346	+141,800
40			
COUNTER IMPROVISED-THREAT SIMULATION.....	21,486	21,486	---
41			
BIOTECHNOLOGY FOR MATERIALS - ADVANCED RESEARCH.....	56,853	56,853	---
42			
C3I CYBER ADVANCED DEVELOPMENT.....	41,354	41,354	---
43			
HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.....	251,964	251,964	---
44			
NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY....	193,242	314,992	+121,750
45			
NETWORK C3I ADVANCED TECHNOLOGY.....	125,565	129,565	+4,000
46			
LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY.....	100,830	160,830	+60,000
47			
FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY.....	177,836	233,586	+55,750
48			
AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY.....	11,147	31,147	+20,000
49			
HUMANITARIAN DEMINING.....	8,933	21,000	+12,067
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	1,392,065	1,828,313	+436,248
-----			
50			
ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES			
ARMY MISSILE DEFENSE SYSTEMS INTEGRATION.....	12,001	63,001	+51,000
51			
ARMY SPACE SYSTEMS INTEGRATION.....	17,945	17,945	---
52			
AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING.....	---	15,000	+15,000
53			
LANDMINE WARFARE AND BARRIER - ADV DEV.....	64,001	64,001	---
54			
TANK AND MEDIUM CALIBER AMMUNITION.....	64,669	74,669	+10,000
55			
ARMORED SYSTEM MODERNIZATION - ADV DEV.....	49,944	49,944	---
56			
SOLDIER SUPPORT AND SURVIVABILITY.....	4,060	4,060	---
57			
TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV.....	72,314	72,314	---
58			
NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT.....	18,048	18,048	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
59 ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL.....	31,249	38,749	+7,500
60 NATO RESEARCH AND DEVELOPMENT.....	3,805	3,805	---
61 AVIATION - ADV DEV.....	1,162,344	1,131,594	-30,750
62 LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV.....	9,638	9,638	---
63 MEDICAL SYSTEMS - ADV DEV.....	598	598	---
64 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT.....	25,971	25,971	---
65 ROBOTICS DEVELOPMENT.....	26,594	20,523	-6,071
66 EXPANDED MISSION AREA MISSILE (EMAM).....	220,820	220,820	---
67 CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING.....	106,000	106,000	---
69 LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY.....	35,509	35,509	---
70 MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV.....	49,932	49,932	---
71 TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV..	863	863	---
72 ANALYSIS OF ALTERNATIVES.....	10,659	10,659	---
73 SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4).....	1,425	1,425	---
74 FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS).....	95,719	134,719	+39,000
75 LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR.....	382,147	380,147	-2,000
76 TECHNOLOGY MATURATION INITIATIVES.....	269,756	269,756	---
77 MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD).....	225,147	225,147	---
78 ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING.....	198,111	198,111	---
79 ASSURED POSITIONING, NAVIGATION AND TIMING (PNT).....	43,797	43,797	---
80 SYNTHETIC TRAINING ENVIRONMENT REFINEMENT AND PROTOTYPING.....	166,452	206,452	+40,000
81 COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.....	15,840	12,840	-3,000
82 STRATEGIC MID-RANGE FIRES.....	404,291	404,291	---
83 HYPERSONICS.....	173,168	216,450	+43,282
84 FUTURE INTERCEPTOR.....	8,179	8,179	---
85 COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT.....	35,110	35,110	---
86 UNIFIED NETWORK TRANSPORT.....	36,966	36,966	---
87 MOBILE MEDIUM RANGE MISSILE.....	---	---	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
88 INTEGRATED BASE DEFENSE (BUDGET ACTIVITY 4).....	---	---	---
89 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT.....	55,677	55,677	---
TOTAL, ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES..	4,098,749	4,262,710	+163,961
SYSTEM DEVELOPMENT & DEMONSTRATION			
90 AIRCRAFT AVIONICS.....	3,335	3,335	---
91 ELECTRONIC WARFARE DEVELOPMENT.....	4,243	4,243	---
92 INFANTRY SUPPORT WEAPONS.....	66,529	65,829	-700
93 MEDIUM TACTICAL VEHICLES.....	22,163	22,163	---
94 JAVELIN.....	7,870	7,870	---
95 FAMILY OF HEAVY TACTICAL VEHICLES.....	50,924	50,924	---
96 AIR TRAFFIC CONTROL.....	2,623	2,623	---
97 TACTICAL UNMANNED GROUND VEHICLE (TUGV).....	115,986	109,849	-6,137
98 LIGHT TACTICAL WHEELED VEHICLES.....	---	---	---
99 ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV.....	71,287	63,143	-8,144
100 NIGHT VISION SYSTEMS - ENG/DEV.....	62,679	33,245	-29,434
101 COMBAT FEEDING, CLOTHING, AND EQUIPMENT.....	1,566	1,566	---
102 NON-SYSTEM TRAINING DEVICES - ENG/DEV.....	18,600	18,600	---
AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -			
103 ENG/DEV.....	39,541	35,541	-4,000
104 CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT.....	29,570	29,570	---
105 AUTOMATIC TEST EQUIPMENT DEVELOPMENT.....	5,178	5,178	---
106 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENG/DEV..	8,189	8,189	---
109 BRIGADE ANALYSIS, INTEGRATION AND EVALUATION.....	21,228	21,228	---
110 WEAPONS AND MUNITIONS - ENG/DEV.....	263,778	282,425	+18,647
111 LOGISTICS AND ENGINEER EQUIPMENT - ENG/DEV.....	41,669	56,669	+15,000
112 COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG/DEV....	40,038	40,038	---
113 MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT..	5,513	5,513	---
114 LANDMINE WARFARE/BARRIER - ENG/DEV.....	12,150	37,150	+25,000
115 ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE...	111,690	111,690	---
116 RADAR DEVELOPMENT.....	71,259	71,259	---
117 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEB).....	10,402	10,402	---
119 SOLDIER SYSTEMS - WARRIOR DEM/VAL.....	11,425	11,425	---
120 SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS -EMD.....	109,702	100,384	-9,318
121 ARTILLERY SYSTEMS - EMD.....	23,106	48,106	+25,000
122 INFORMATION TECHNOLOGY DEVELOPMENT.....	124,475	84,108	-40,367

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
 (DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
123 INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A).....	67,564	67,564	---
124 ARMORED MULTI-PURPOSE VEHICLE (AMPV).....	---	---	---
125 JOINT TACTICAL NETWORK CENTER (JTNC).....	17,950	17,950	---
126 JOINT TACTICAL NETWORK (JTN).....	30,169	30,169	---
128 COMMON INFRARED COUNTERMEASURES (CIRCM).....	11,523	11,523	---
129 NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE.....	---	---	---
130 DEFENSIVE CYBER TOOL DEVELOPMENT.....	33,029	33,029	---
131 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER).....	4,497	4,497	---
132 CONTRACT WRITING SYSTEM.....	23,487	23,487	---
133 AIRCRAFT SURVIVABILITY DEVELOPMENT.....	19,123	19,123	---
134 INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1...	131,093	131,093	---
135 GROUND ROBOTICS.....	26,809	26,809	---
136 EMERGING TECHNOLOGY INITIATIVES.....	185,311	191,823	+6,512
137 BIOMETRICS ENABLING CAPABILITY (BEC).....	11,091	11,091	---
138 NEXT GENERATION LOAD DEVICE - MEDIUM.....	22,439	22,439	---
139 MEDICAL PRODUCTS AND SUPPORT SYSTEMS DEVELOPMENT.....	---	---	---
140 TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD.....	58,087	108,987	+50,900
141 ARMY SYSTEM DEVELOPMENT & DEMONSTRATION.....	119,516	119,516	---
142 SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5).....	6,530	6,530	---
143 MULTI-DOMAIN INTELLIGENCE.....	19,911	14,411	-5,500
144 SIO CAPABILITY DEVELOPMENT.....	---	---	---
145 PRECISION STRIKE MISSILE (PRSM).....	259,506	259,506	---
146 HYPERSONICS EMD.....	633,499	633,499	---
147 ACCESSIONS INFORMATION ENVIRONMENT (AIE).....	13,647	10,088	-3,559
148 STRATEGIC MID-RANGE CAPABILITY.....	5,016	5,016	---
149 INTEGRATED TACTICAL COMMUNICATIONS.....	12,447	12,447	---
150 JOINT AIR-TO-GROUND MISSILE (JAGM).....	2,366	2,366	---
151 ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD).....	265,288	275,288	+10,000
152 COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION.....	14,892	14,892	---
153 MANNED GROUND VEHICLE.....	589,762	561,880	-27,882
154 NATIONAL CAPABILITIES INTEGRATION (MIP).....	17,030	17,030	---
155 JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING DEVELOPMENT.....	9,376	9,376	---
156 AVIATION GROUND SUPPORT EQUIPMENT.....	2,959	2,959	---
157 TROJAN - RH12.....	3,761	3,761	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
160 ELECTRONIC WARFARE DEVELOPMENT.....	56,938	94,938	+38,000
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	4,031,334	4,085,352	+54,018
MANAGEMENT SUPPORT			
161 THREAT SIMULATOR DEVELOPMENT.....	18,437	18,437	---
162 TARGET SYSTEMS DEVELOPMENT.....	19,132	39,132	+20,000
163 MAJOR T&E INVESTMENT.....	107,706	142,106	+34,400
164 RAND ARROYO CENTER.....	35,542	35,542	---
165 ARMY KWAJALEIN ATOLL.....	309,005	309,005	---
166 CONCEPTS EXPERIMENTATION PROGRAM.....	87,122	87,122	---
168 ARMY TEST RANGES AND FACILITIES.....	401,643	401,643	---
169 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS.....	37,962	57,962	+20,000
170 SURVIVABILITY/LETHALITY ANALYSIS.....	36,500	36,500	---
171 AIRCRAFT CERTIFICATION.....	2,777	2,777	---
172 METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES.....	6,958	6,958	---
173 MATERIEL SYSTEMS ANALYSIS.....	22,037	22,037	---
174 EXPLOITATION OF FOREIGN ITEMS.....	6,186	6,186	---
175 SUPPORT OF OPERATIONAL TESTING.....	70,718	70,718	---
176 ARMY EVALUATION CENTER.....	67,058	67,058	---
ARMY MODELING AND SIMULATION X-CMD COLLABORATION AND 177 INTEG.....	6,097	6,097	---
178 PROGRAMWIDE ACTIVITIES.....	89,793	89,793	---
179 TECHNICAL INFORMATION ACTIVITIES.....	28,752	28,752	---
180 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY...	48,316	53,316	+5,000
181 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT.....	1,912	1,912	---
182 ARMY DIRECT REPORT HEADQUARTERS - R&D - MHA.....	53,271	53,271	---
183 RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE.....	90,088	90,088	---
184 COUNTERINTEL AND HUMAN INTEL MODERNIZATION.....	1,424	1,424	---
185 MEDICAL PROGRAM-WIDE ACTIVITIES.....	---	---	---
186 ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES.....	5,816	5,816	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,554,252	1,633,652	+79,400

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATIONAL SYSTEMS DEVELOPMENT			
188 MLRS PRODUCT IMPROVEMENT PROGRAM.....	18,463	18,463	---
189 ANTI-TAMPER TECHNOLOGY SUPPORT.....	9,284	9,284	---
190 WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS....	11,674	21,674	+10,000
192 BLACKHAWK PRODUCT IMPROVEMENT PROGRAM.....	---	---	---
193 CHINOOK PRODUCT IMPROVEMENT PROGRAM.....	52,513	52,513	---
194 IMPROVED TURBINE ENGINE PROGRAM.....	228,036	228,036	---
195 AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.....	11,312	26,312	+15,000
196 UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS.....	512	512	---
197 APACHE FUTURE DEVELOPMENT.....	10,074	15,074	+5,000
198 AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM..	62,559	62,559	---
199 INTEL CYBER DEVELOPMENT.....	13,343	13,343	---
200 ARMY OPERATIONAL SYSTEMS DEVELOPMENT.....	26,131	26,131	---
201 ELECTRONIC WARFARE DEVELOPMENT.....	6,432	6,432	---
202 FAMILY OF BIOMETRICS.....	1,114	1,114	---
203 PATRIOT PRODUCT IMPROVEMENT.....	152,312	152,312	---
204 JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM....	19,329	19,329	---
205 COMBAT VEHICLE IMPROVEMENT PROGRAMS.....	192,310	289,953	+97,643
206 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS.....	136,680	118,510	-18,170
207 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS...	---	---	---
208 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	148	148	---
209 DIGITIZATION.....	2,100	---	-2,100
210 MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM.....	3,109	3,109	---
211 OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS.....	9,027	9,027	---
ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM			
212 DEV.....	793	793	---
213 GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS).....	20,180	20,180	---
214 JOINT TACTICAL GROUND SYSTEM.....	8,813	8,813	---
216 SECURITY AND INTELLIGENCE ACTIVITIES.....	---	---	---
217 INFORMATION SYSTEMS SECURITY PROGRAM.....	17,209	17,209	---
218 GLOBAL COMBAT SUPPORT SYSTEM.....	27,100	22,600	-4,500
219 SATCOM GROUND ENVIRONMENT (SPACE).....	18,321	18,321	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
222 INTEGRATED BROADCAST SERVICE (IBS).....	9,926	9,926	---
223 TACTICAL UNMANNED AERIAL VEHICLES.....	4,500	4,500	---
224 AIRBORNE RECONNAISSANCE SYSTEMS.....	17,165	17,165	---
226 BIOMETRICS ENABLED INTELLIGENCE.....	---	---	---
227 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES.....	91,270	111,270	+20,000
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	1,181,739	1,304,612	+122,873
999 CLASSIFIED PROGRAMS.....	6,664	6,664	---
228 DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT.....	94,888	94,888	---
=====			
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY.....	13,710,273	15,004,405	+1,294,132
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RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
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RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY				
BASIC RESEARCH				
1	UNIVERSITY RESEARCH INITIATIVES.....	90,076	132,376	+42,300
3	DEFENSE RESEARCH SCIENCES.....	499,116	504,116	+5,000
	TOTAL, BASIC RESEARCH.....	589,192	636,492	+47,300
-----				
APPLIED RESEARCH				
4	POWER PROJECTION APPLIED RESEARCH.....	22,953	27,953	+5,000
5	FORCE PROTECTION APPLIED RESEARCH.....	133,426	207,426	+74,000
6	MARINE CORPS LANDING FORCE TECHNOLOGY.....	53,467	65,467	+12,000
7	COMMON PICTURE APPLIED RESEARCH.....	51,911	51,911	---
8	WARFIGHTER SUSTAINMENT APPLIED RESEARCH.....	70,957	90,957	+20,000
9	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH.....	92,444	103,444	+11,000
10	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH.....	74,622	122,622	+48,000
11	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH.....	6,700	6,700	---
12	UNDERSEA WARFARE APPLIED RESEARCH.....	58,111	91,111	+33,000
13	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH.....	173,641	173,641	---
14	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH.....	31,649	38,649	+7,000
15	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH....	120,637	120,637	---
16	SCIENCE AND TECHNOLOGY MANAGEMENT - ONR HEADQUARTERS..	81,296	81,296	---
	TOTAL, APPLIED RESEARCH.....	971,814	1,181,814	+210,000
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ADVANCED TECHNOLOGY DEVELOPMENT				
17	FORCE PROTECTION ADVANCED TECHNOLOGY.....	16,933	35,933	+19,000
18	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY.....	8,253	17,253	+9,000
19	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)..	280,285	327,902	+47,617
20	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.....	14,048	14,048	---
21	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV.....	251,267	261,267	+10,000
22	MANUFACTURING TECHNOLOGY PROGRAM.....	60,704	60,704	---
23	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY.....	4,999	46,999	+42,000
24	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.....	83,137	83,902	+765
25	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY....	2,007	2,007	---
26	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY..	144,122	190,772	+46,650
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	865,755	1,040,787	+175,032
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ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES				
27	UNMANNED AERIAL SYSTEM.....	96,883	90,208	-6,675



RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
28	LARGE UNMANNED SURFACE VEHICLES (LUSVS).....	146,840	146,840	---
29	AIR/OCEAN TACTICAL APPLICATIONS.....	39,737	42,737	+3,000
30	AVIATION SURVIVABILITY.....	17,434	17,434	---
31	NAVAL CONSTRUCTION FORCES.....	1,706	1,706	---
33	ASW SYSTEMS DEVELOPMENT.....	15,986	15,986	---
34	TACTICAL AIRBORNE RECONNAISSANCE.....	3,562	3,562	---
35	ADVANCED COMBAT SYSTEMS TECHNOLOGY.....	18,628	25,128	+6,500
36	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.....	87,825	87,825	---
37	SURFACE SHIP TORPEDO DEFENSE.....	473	473	---
38	CARRIER SYSTEMS DEVELOPMENT.....	11,567	11,567	---
39	PILOT FISH.....	672,461	672,461	---
40	RETRACT LARCH.....	7,483	7,483	---
41	RETRACT JUNIPER.....	239,336	239,336	---
42	RADIOLOGICAL CONTROL.....	772	772	---
43	SURFACE ASW.....	1,180	1,180	---
44	ADVANCED SUBMARINE SYSTEM DEVELOPMENT.....	105,703	105,703	---
45	SUBMARINE TACTICAL WARFARE SYSTEMS.....	10,917	10,917	---
46	SHIP CONCEPT ADVANCED DESIGN.....	82,205	97,205	+15,000
47	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES.....	75,327	62,083	-13,244
48	ADVANCED NUCLEAR POWER SYSTEMS.....	227,400	227,400	---
49	ADVANCED SURFACE MACHINERY SYSTEMS.....	176,600	130,021	-46,579
50	CHALK EAGLE.....	91,584	91,584	---
51	LITTORAL COMBAT SHIP (LCS).....	96,444	76,364	-20,080
52	COMBAT SYSTEM INTEGRATION.....	18,236	18,236	---
53	OHIO REPLACEMENT.....	335,981	345,981	+10,000
54	LCS MISSION MODULES.....	41,533	41,533	---
55	AUTOMATED TEST AND RE-TEST.....	9,773	60,073	+50,300
56	FRIGATE DEVELOPMENT.....	118,626	115,626	-3,000
57	CONVENTIONAL MUNITIONS.....	9,286	9,286	---
58	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM.....	111,431	111,431	---
59	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	36,496	36,496	---
60	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT.....	6,193	6,193	---
61	ENVIRONMENTAL PROTECTION.....	21,647	21,647	---
62	NAVY ENERGY PROGRAM.....	60,320	70,320	+10,000

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
63 FACILITIES IMPROVEMENT.....	5,664	5,664	---
64 CHALK CORAL.....	833,634	833,634	---
65 NAVY LOGISTIC PRODUCTIVITY.....	899	899	---
66 RETRACT MAPLE.....	363,973	363,973	---
67 LINK PLUMERIA.....	1,038,661	1,038,661	---
68 RETRACT ELM.....	83,445	83,445	---
69 LINK EVERGREEN.....	313,761	313,761	---
70 NATO RESEARCH AND DEVELOPMENT.....	8,041	8,041	---
71 LAND ATTACK TECHNOLOGY.....	358	358	---
72 JOINT NONLETHAL WEAPONS TESTING.....	30,533	30,533	---
73 JOINT PRECISION APPROACH AND LANDING SYSTEMS.....	18,628	18,628	---
74 DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS.....	65,080	65,080	---
75 F/A-18 INFRARED SEARCH AND TRACK (IRST).....	40,069	40,069	---
76 DIGITAL WARFARE.....	165,753	165,753	---
77 SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES.....	106,347	106,347	---
78 UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES.....	60,697	60,697	---
79 RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION..	57,000	57,000	---
80 LARGE UNMANNED UNDERSEA VEHICLES.....	---	---	---
81 GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER.....	116,498	116,498	---
82 LITTORAL AIRBORNE MCM.....	47,389	47,389	---
83 SURFACE MINE COUNTERMEASURES.....	12,959	12,959	---
84 TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES.....	15,028	39,028	+24,000
85 NEXT GENERATION LOGISTICS.....	2,342	7,342	+5,000
86 FUTURE VERTICAL LIFT (MARITIME STRIKE).....	5,103	5,103	---
87 RAPID TECHNOLOGY CAPABILITY PROTOTYPE.....	62,927	62,927	---
88 LX (R).....	26,630	24,116	-2,514
89 ADVANCED UNDERSEA PROTOTYPING.....	116,880	116,880	---
90 COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS).....	7,438	7,438	---
91 PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM.....	84,734	84,734	---
92 SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE..	10,229	10,229	---
93 OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT.....	124,204	170,685	+46,481
94 MEDIUM UNMANNED SURFACE VEHICLES (MUSVS).....	104,000	104,000	---
95 UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES.....	181,620	181,620	---
96 GROUND BASED ANTI-SHIP MISSILE (MARFORRES).....	43,090	43,090	---
97 LONG RANGE FIRES (MARFORRES).....	36,693	36,693	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
98 CONVENTIONAL PROMPT STRIKE (CPS).....	1,205,041	1,230,041	+25,000
99 ASW SYSTEMS DEVELOPMENT - MIP.....	9,856	9,856	---
100 ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM.....	1,735	18,735	+17,000
101 ELECTRONIC WARFARE DEVELOPMENT - MIP.....	796	796	---
TOTAL, DEMONSTRATION & VALIDATION.....	8,405,310	8,525,499	+120,189
SYSTEM DEVELOPMENT & DEMONSTRATION			
102 TRAINING SYSTEM AIRCRAFT.....	15,128	15,128	---
102 MARITIME TARGETING CELL.....	39,600	39,600	---
104 OTHER HELO DEVELOPMENT.....	66,010	66,010	---
105 AV-8B AIRCRAFT - ENG DEV.....	9,205	9,205	---
106 STANDARDS DEVELOPMENT.....	3,766	3,766	---
107 MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT.....	44,684	44,684	---
108 P-3 MODERNIZATION PROGRAM.....	343	343	---
109 WARFARE SUPPORT SYSTEM.....	12,337	12,337	---
110 COMMAND AND CONTROL SYSTEMS.....	143,575	133,940	-9,635
111 ADVANCED HAWKEYE.....	502,956	467,281	-35,675
112 H-1 UPGRADES.....	43,759	43,759	---
113 ACOUSTIC SEARCH SENSORS.....	50,231	50,231	---
114 V-22A.....	125,233	114,233	-11,000
115 AIR CREW SYSTEMS DEVELOPMENT.....	43,282	38,117	-5,165
116 EA-18.....	116,589	116,589	---
117 ELECTRONIC WARFARE DEVELOPMENT.....	141,138	134,471	-6,667
118 EXECUTIVE HELO DEVELOPMENT.....	45,645	45,645	---
119 NEXT GENERATION JAMMER (NGJ).....	54,679	54,679	---
120 JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY).....	329,787	326,587	-3,200
121 NEXT GENERATION JAMMER (NGJ) INCREMENT II.....	301,737	154,002	-147,735
122 SURFACE COMBATANT COMBAT SYSTEM ENGINEERING.....	347,233	336,705	-10,528
123 LPD-17 CLASS SYSTEMS INTEGRATION.....	---	---	---
124 SMALL DIAMETER BOMB (SDB).....	42,881	42,881	---
125 STANDARD MISSILE IMPROVEMENTS.....	319,943	319,943	---
126 AIRBORNE MCM.....	10,882	10,882	---
127 NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG.....	45,892	43,548	-2,344
128 ADVANCED SENSORS APPLICATION PROGRAM (ASAP).....	---	---	---
129 ADVANCED ABOVE WATER SENSORS.....	81,254	72,917	-8,337

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
130 SSN-688 AND TRIDENT MODERNIZATION.....	93,501	93,501	---
131 AIR CONTROL.....	39,138	39,138	---
132 SHIPBOARD AVIATION SYSTEMS.....	11,759	11,759	---
133 COMBAT INFORMATION CENTER CONVERSION.....	11,160	11,160	---
134 AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM.....	87,459	87,459	---
135 ADVANCED ARRESTING GEAR (AAG).....	151	151	---
136 NEW DESIGN SSN.....	307,585	307,585	---
137 SUBMARINE TACTICAL WARFARE SYSTEM.....	58,741	58,741	---
138 SHIP CONTRACT DESIGN/LIVE FIRE T&E.....	60,791	58,670	-2,121
139 NAVY TACTICAL COMPUTER RESOURCES.....	4,177	4,177	---
140 MINE DEVELOPMENT.....	60,793	60,793	---
141 LIGHTWEIGHT TORPEDO DEVELOPMENT.....	142,000	140,111	-1,889
142 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.....	8,618	8,618	---
143 USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV..	45,025	45,025	---
144 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS....	7,454	7,454	---
JOINT STANDOFF WEAPON SYSTEMS.....	758	758	---
146 SHIP SELF DEFENSE (DETECT & CONTROL).....	159,426	152,768	-6,658
147 SHIP SELF DEFENSE (ENGAGE: HARD KILL).....	71,818	91,818	+20,000
148 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW).....	92,687	92,687	---
149 INTELLIGENCE ENGINEERING.....	23,742	23,742	---
150 MEDICAL DEVELOPMENT.....	3,178	13,178	+10,000
151 NAVIGATION/ID SYSTEM.....	53,209	60,209	+7,000
152 JOINT STRIKE FIGHTER (JSF) - EMD.....	611	611	---
153 JOINT STRIKE FIGHTER (JSF).....	234	234	---
154 SSN(X).....	143,949	143,949	---
155 MARINE CORPS IT DEV/MOD.....	11,361	11,361	---
156 INFORMATION TECHNOLOGY DEVELOPMENT.....	290,353	313,103	+22,750
157 ANTI-TAMPER TECHNOLOGY SUPPORT.....	7,271	7,271	---
158 TACAMO MODERNIZATION.....	554,193	554,193	---
159 CH-53K.....	220,240	220,240	---
160 MISSION PLANNING.....	71,107	76,107	+5,000
161 COMMON AVIONICS.....	77,960	77,960	---
162 SHIP TO SHORE CONNECTOR (SSC).....	2,886	2,886	---
163 T-AO 205 CLASS.....	220	220	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
164 UNMANNED CARRIER AVIATION.....	265,646	265,646	---
165 JOINT AIR-TO-GROUND MISSILE (JAGM).....	371	371	---
166 MULTI-MISSION MARITIME AIRCRAFT (MMA).....	37,939	37,939	---
167 MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3.....	161,697	161,697	---
168 MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT AND DEMO.....	94,569	91,501	-3,068
169 JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT AND DEMO.....	2,856	2,856	---
170 DDG-1000.....	197,436	184,674	-12,762
171 COUNTERING ADVANCED CONVENTIONAL WEAPONS (CACW).....	12,341	12,341	---
175 ISR & INFO OPERATIONS.....	135,366	135,366	---
176 CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.....	37,038	37,038	---
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	6,606,583	6,404,549	-202,034
MANAGEMENT SUPPORT			
177 THREAT SIMULATOR DEVELOPMENT.....	29,430	29,430	---
178 TARGET SYSTEMS DEVELOPMENT.....	13,708	11,707	-2,001
179 MAJOR T&E INVESTMENT.....	95,316	111,371	+16,055
180 STUDIES AND ANALYSIS SUPPORT - NAVY.....	3,286	3,286	---
181 CENTER FOR NAVAL ANALYSES.....	40,624	40,624	---
183 TECHNICAL INFORMATION SERVICES.....	987	987	---
184 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT.....	105,152	98,458	-6,694
185 STRATEGIC TECHNICAL SUPPORT.....	3,787	3,787	---
186 RDT&E SHIP AND AIRCRAFT SUPPORT.....	173,352	173,352	---
187 TEST AND EVALUATION SUPPORT.....	468,281	469,579	+1,298
188 OPERATIONAL TEST AND EVALUATION CAPABILITY.....	27,808	27,808	---
189 NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT.....	27,175	27,175	---
190 SEW SURVEILLANCE/RECONNAISSANCE SUPPORT.....	7,186	7,186	---
191 MARINE CORPS PROGRAM WIDE SUPPORT.....	39,744	39,744	---
192 MANAGEMENT HEADQUARTERS - R&D.....	40,648	40,648	---
193 WARFARE INNOVATION MANAGEMENT.....	52,060	52,060	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
194 INSIDER THREAT.....	2,315	2,315	---
MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT 195 ACTIVITIES).....	1,811	1,811	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,132,670	1,141,328	+8,658
OPERATIONAL SYSTEMS DEVELOPMENT			
198 SCIENCE & TECHNOLOGY FOR NUCLEAR RE-ENTRY SYSTEMS.....	65,735	65,735	---
201 F-35 C2D2.....	525,338	525,338	---
202 F-35 C2D2.....	491,513	491,513	---
203 MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS (MARFORRES)..	48,663	48,663	---
204 COOPERATIVE ENGAGEMENT CAPABILITY (CEC).....	156,121	156,121	---
205 STRATEGIC SUB & WEAPONS SYSTEM SUPPORT.....	284,502	294,502	+10,000
206 SSBN SECURITY TECHNOLOGY PROGRAM.....	50,939	50,939	---
207 SUBMARINE ACOUSTIC WARFARE DEVELOPMENT.....	81,237	81,237	---
208 NAVY STRATEGIC COMMUNICATIONS.....	49,424	49,424	---
209 F/A-18 SQUADRONS.....	238,974	250,860	+11,886
210 SURFACE SUPPORT.....	12,197	12,197	---
211 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)..	132,719	132,719	---
212 INTEGRATED SURVEILLANCE SYSTEM.....	68,417	76,088	+7,671
213 SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS.....	1,188	1,188	---
214 AMPHIBIOUS TACTICAL SUPPORT UNITS.....	1,789	1,789	---
215 GROUND/AIR TASK ORIENTED RADAR.....	61,422	61,422	---
216 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT.....	70,339	65,792	-4,547
217 ELECTRONIC WARFARE (EW) READINESS SUPPORT.....	47,436	42,954	-4,482
218 ANTI-RADIATION MISSILE IMPROVEMENT.....	90,779	95,779	+5,000
219 SURFACE ASW COMBAT SYSTEM INTEGRATION.....	28,999	28,999	---
220 MK-48 ADCAP.....	155,868	139,054	-16,814
221 AVIATION IMPROVEMENTS.....	130,450	145,450	+15,000
222 OPERATIONAL NUCLEAR POWER SYSTEMS.....	121,439	121,439	---
223 MARINE CORPS COMMUNICATIONS SYSTEMS.....	114,305	114,305	---
224 COMMON AVIATION COMMAND AND CONTROL SYSTEM.....	14,865	14,865	---
225 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS....	100,536	100,536	---
226 MARINE CORPS COMBAT SERVICES SUPPORT.....	26,522	31,522	+5,000
227 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)....	51,976	51,976	---
228 AMPHIBIOUS ASSAULT VEHICLE.....	8,246	8,246	---
229 TACTICAL AIM MISSILES.....	29,236	29,236	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
230 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	30,898	30,898	---
231 PLANNING AND DECISION AID SYSTEM (PDAS).....	3,609	3,609	---
236 AFLOAT NETWORKS.....	45,693	45,693	---
237 INFORMATION SYSTEMS SECURITY PROGRAM.....	33,752	33,752	---
238 MILITARY INTELLIGENCE PROGRAMS (MIP) ACTIVITIES.....	8,415	8,415	---
239 TACTICAL UNMANNED AERIAL VEHICLES.....	10,576	10,576	---
240 UAS INTEGRATION AND INTEROPERABILITY.....	18,373	18,373	---
241 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS.....	45,705	45,705	---
242 MQ-4C TRITON.....	13,893	13,893	---
243 MQ-8 UAV.....	---	7,000	+7,000
244 RQ-11 UAV.....	1,234	1,234	---
245 SMALL (LEVEL 0) TACTICAL UAS (STUASLO).....	3,761	3,761	---
247 MULTI-INTELLIGENCE SENSOR DEVELOPMENT.....	56,261	56,261	---
248 UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP).....	9,780	9,780	---
249 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT.....	36,505	36,505	---
250 RQ-4 MODERNIZATION.....	163,277	163,277	---
251 INTELLIGENCE MISSION DATA (IMD).....	851	851	---
252 MODELING AND SIMULATION SUPPORT.....	9,437	9,437	---
253 DEPOT MAINTENANCE (NON-IF).....	26,248	31,248	+5,000
254 MARITIME TECHNOLOGY (MARITECH).....	2,133	2,133	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	3,781,575	3,822,289	+40,714
9999 CLASSIFIED PROGRAMS.....	1,701,811	2,365,311	+663,500
256 RISK MANAGEMENT INFORMATION - SOFTWARE PILOT PROGRAM..	12,810	12,810	---
MARITIME TACTICAL COMMAND AND CONTROL (MTC2) -			
257 SOFTWARE PILOT PROGRAM.....	11,198	11,198	---
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY.....	24,078,718	25,142,077	+1,063,359





RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
32 INTELLIGENCE ADVANCED DEVELOPMENT.....	6,101	6,101	---
33 COMBAT IDENTIFICATION TECHNOLOGY.....	17,318	17,318	---
34 NATO RESEARCH AND DEVELOPMENT.....	4,295	4,295	---
35 INTERCONTINENTAL BALLISTIC MISSILE - DEM/VAL.....	46,432	46,432	---
36 NC3 ADVANCED CONCEPTS.....	5,098	5,098	---
37 AIR FORCE WEATHER SERVICES RESEARCH.....	---	---	---
38 ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS).....	231,408	231,408	---
39 ADVANCED ENGINE DEVELOPMENT.....	353,658	353,658	---
40 ARCHITECTURE INITIATIVES.....	66,615	50,000	-16,615
41 LONG RANGE STRIKE.....	3,253,584	3,143,584	-110,000
42 DIRECTED ENERGY PROTOTYPING.....	4,269	4,269	---
43 HYPERSONICS PROTOTYPING.....	431,868	24,981	-406,887
44 HYPERSONICS PROTOTYPING - HYPERSONIC ATTACK CRUISE MISSILE (HACH).....	144,891	461,778	+316,887
45 PNT RESILIENCY, MODS AND IMPROVEMENTS.....	12,010	12,010	---
46 ADVANCED TECHNOLOGY AND SENSORS.....	13,311	13,311	---
47 SURVIVABLE AIRBORNE OPERATIONS CENTER.....	203,213	123,213	-80,000
48 TECHNOLOGY TRANSFER.....	16,759	16,759	---
49 HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM.....	106,826	106,826	---
50 CYBER RESILIENCY OF WEAPON SYSTEMS-ACS.....	44,526	44,526	---
51 JOINT TRANSPORTATION MANAGEMENT SYSTEM (JTMS).....	51,758	27,758	-24,000
52 DEPLOYMENT AND DISTRIBUTION ENTERPRISE R&D.....	27,586	27,586	---
53 TECH TRANSITION PROGRAM.....	649,545	596,345	-53,200
54 OPERATIONAL ENERGY AND INSTALLATION RESILIENCE.....	---	25,500	+25,500
55 GROUND BASED STRATEGIC DETERRENT.....	---	---	---
56 NEXT GENERATION AIR DOMINANCE.....	1,657,733	1,657,733	---
57 AUTONOMOUS COLLABORATIVE PLATFORMS.....	51,747	51,747	---
58 COMBAT IDENTIFICATION.....	1,866	1,866	---
59 THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR).....	14,490	14,490	---
60 AIRBASE AIR DEFENSE SYSTEMS (ABADS).....	52,498	52,498	---
61 WAR RESERVE MATERIEL - AMMUNITION.....	10,288	10,288	---
64 COMMON DATA LINK EXECUTIVE AGENT (CDL EA).....	37,460	37,460	---
65 MISSION PARTNER ENVIRONMENTS.....	17,378	17,378	---
66 CYBER OPERATIONS TECHNOLOGY SUPPORT.....	234,576	234,576	---
67 ENABLED CYBER ACTIVITIES.....	16,728	16,728	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
69 RAPID SUSTAINMENT MODERNIZATION (RSM).....	---	31,000	+31,000
70 CVV INTEGRATED PREVENTION.....	9,315	9,315	---
71 CONTRACTING INFORMATION TECHNOLOGY SYSTEM.....	14,050	14,050	---
72 U.S. SPACE COMMAND RESEARCH AND DEVELOPMENT SUPPORT...	10,350	10,350	---
TOTAL, ADVANCED COMPONENT DEVELOPMENT.....	7,945,238	7,577,923	-367,315
SYSTEM DEVELOPMENT & DEMONSTRATION			
73 FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS.....	9,879	9,879	---
74 PNT RESILIENCY, MODS AND IMPROVEMENTS.....	176,824	176,824	---
75 NUCLEAR WEAPONS SUPPORT.....	64,425	64,425	---
76 ELECTRONIC WARFARE DEVELOPMENT.....	2,222	7,222	+5,000
77 TACTICAL DATA NETWORKS ENTERPRISE.....	133,117	139,617	+6,500
78 PHYSICAL SECURITY EQUIPMENT.....	8,493	8,493	---
79 ARMAMENT/ORDNANCE DEVELOPMENT.....	5,279	5,279	---
80 SUBMUNITIONS.....	3,273	3,273	---
81 AGILE COMBAT SUPPORT.....	14,252	14,252	---
83 LIFE SUPPORT SYSTEMS.....	47,442	47,442	---
84 COMBAT TRAINING RANGES.....	91,284	91,284	---
86 LONG RANGE STANDOFF WEAPON.....	928,850	848,850	-80,000
87 ICBM FUZE MODERNIZATION.....	98,376	98,376	---
88 JOINT TACTICAL NETWORK CENTER (JTNC).....	2,222	2,222	---
89 OPEN ARCHITECTURE MANAGEMENT.....	38,222	38,222	---
90 ADVANCED PILOT TRAINING.....	37,121	33,621	-3,500
91 COMBAT RESCUE HELICOPTER HH-60W.....	58,974	44,574	-14,400
92 GROUND BASED STRATEGIC DETERRENT EMD.....	3,614,290	3,527,793	-86,497
94 F-15 EPAWSS.....	67,956	53,456	-14,500
95 ISOLATED PERSONNEL SURVIVABILITY AND RECOVERY.....	27,881	27,881	---
96 STAND IN ATTACK WEAPON.....	283,152	263,152	-20,000
97 FULL COMBAT MISSION TRAINING.....	3,028	12,528	+9,500
102 KC-46A TANKER SQUADRONS.....	197,510	176,229	-21,281
102A KC-Y.....	---	11,281	+11,281
103 VC-25B.....	492,932	397,932	-95,000
104 AUTOMATED TEST SYSTEMS.....	16,664	16,664	---
105 TRAINING DEVELOPMENTS.....	15,138	15,138	---
107 NEXT GENERATION OPIR.....	148	148	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	6,438,954	6,136,057	-302,897
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MANAGEMENT SUPPORT			
108 THREAT SIMULATOR DEVELOPMENT.....	21,067	21,067	---
109 MAJOR T&E INVESTMENT.....	44,714	171,314	+126,600
110 RAND PROJECT AIR FORCE.....	37,921	37,921	---
111 SMALL BUSINESS INNOVATION RESEARCH.....	86	---	-86
112 INITIAL OPERATIONAL TEST & EVALUATION.....	13,926	13,926	---
113 TEST AND EVALUATION SUPPORT.....	826,854	841,854	+15,000
115 ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS.....	255,995	255,995	---
116 ACQ WORKFORCE- GLOBAL REACH.....	457,589	457,589	---
117 ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS.....	459,223	459,223	---
118 ACQ WORKFORCE- GLOBAL BATTLE MGMT.....	3,696	3,696	---
119 ACQ WORKFORCE- CAPABILITY INTEGRATION.....	229,610	229,610	---
120 ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY.....	92,648	92,648	---
121 ACQ WORKFORCE- NUCLEAR SYSTEMS.....	241,226	241,226	---
122 MANAGEMENT HQ - R&D.....	4,347	4,347	---
123 FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL..	77,820	133,420	+55,600
124 FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT..	31,561	31,561	---
125 REQUIREMENTS ANALYSIS AND MATURATION.....	101,844	101,844	---
126 MANAGEMENT HQ - T&E.....	6,285	6,285	---
127 SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES...	556	556	---
128 COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4) - STRATCOM.....	15,559	25,559	+10,000
129 ENTERPRISE INFORMATION SERVICES (EIS).....	83,231	83,231	---
130 ACQUISITION AND MANAGEMENT SUPPORT.....	24,306	31,306	+7,000
131 GENERAL SKILL TRAINING.....	871	871	---
132 TRAINING DEVELOPMENTS.....	---	---	---
134 INTERNATIONAL ACTIVITIES.....	2,593	2,593	---
135 SPACE TEST PROGRAM (STP).....	---	---	---
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TOTAL, RDT&E MANAGEMENT SUPPORT.....	3,033,528	3,247,642	+214,114
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OPERATIONAL SYSTEMS DEVELOPMENT			
136 SPECIALIZED UNDERGRADUATE FLIGHT TRAINING.....	18,037	18,037	---
137 WIDE AREA SURVEILLANCE.....	---	---	---
138 AGILE COMBAT SUPPORT.....	8,199	8,199	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
139 DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D.....	156	156	---
140 F-35 C2D2.....	1,014,708	1,089,708	+75,000
141 AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS).....	37,901	37,901	---
142 ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY.....	50,066	50,066	---
143 FOREIGN MATERIEL ACQUISITION AND EXPLOITATION.....	80,338	80,338	---
144 HC/MC-130 RECAP RDT&E.....	47,994	47,994	---
145 NC3 INTEGRATION.....	23,559	23,559	---
147 B-52 SQUADRONS.....	770,313	734,807	-35,506
148 AIR-LAUNCHED CRUISE MISSILE (ALCM).....	571	571	---
149 B-1B SQUADRONS.....	13,144	20,044	+6,900
150 B-2 SQUADRONS.....	111,990	111,990	---
151 MINUTEMAN SQUADRONS.....	69,650	69,650	---
152 WORLDWIDE JOINT STRATEGIC COMMUNICATIONS.....	22,725	22,725	---
153 INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK.....	3,180	32,253	+29,073
154 ICBM REENTRY VEHICLES.....	118,816	115,616	-3,000
156 UH-1N REPLACEMENT PROGRAM.....	17,922	15,922	-2,000
157 REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION..	451	451	---
158 NORTH WARNING SYSTEM (NWS).....	76,910	76,910	---
159 OVER-THE-HORIZON BACKSCATTER RADAR.....	12,210	12,210	---
160 VEHICLES AND SUPPORT EQUIPMENT - GENERAL.....	14,483	14,483	---
161 MQ-9 UAV.....	98,499	149,999	+51,500
162 JOINT COUNTER RCIED ELECTRONIC WARFARE.....	1,747	1,747	---
163 MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT.....	23,195	23,195	---
164 A-10 SQUADRONS.....	72,393	64,593	-7,800
165 F-16 SQUADRONS.....	244,696	249,696	+5,000
166 F-15E SQUADRONS.....	213,272	182,491	-30,781
167 MANNED DESTRUCTIVE SUPPRESSION.....	16,695	16,695	---
168 F-22 SQUADRONS.....	559,709	559,709	---
169 F-35 SQUADRONS.....	70,730	65,730	-5,000
170 F-15EX.....	83,830	83,830	---
171 TACTICAL AIM MISSILES.....	34,536	34,536	---
172 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).....	52,704	52,704	---
173 COMBAT RESCUE - PARARESCUE.....	863	863	---
174 AF TENCAP.....	23,309	23,309	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
175 PRECISION ATTACK SYSTEMS PROCUREMENT.....	12,722	12,722	---
176 COMPASS CALL.....	49,054	49,054	---
177 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.....	116,087	136,087	+20,000
178 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM).....	117,198	117,198	---
179 SMALL DIAMETER BOMB (SDB).....	27,713	27,713	---
180 AIR AND SPACE OPERATIONS CENTER (AOC).....	---	79,549	+79,549
181 CONTROL AND REPORTING CENTER (CRC).....	6,615	6,615	---
182 AIRBORNE WARNING AND CONTROL SYSTEM (AWACS).....	239,658	11,882	-227,776
182A AWACS REPLACEMENT.....	---	206,776	+206,776
183 TACTICAL AIRBORNE CONTROL SYSTEMS AFSPECWAR - TACP....	5,982	5,982	---
185 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES.....	23,504	29,704	+6,200
186 THEATER BATTLE MANAGEMENT (TBM) C41.....	5,851	5,851	---
187 ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR)....	15,990	15,990	---
188 TACTICAL AIR CONTROL PARTY--MOD.....	10,315	10,315	---
189 DCAPEs.....	8,049	8,049	---
190 AIR FORCE CALIBRATION PROGRAMS.....	2,123	2,123	---
191 AIRBASE AIR DEFENSE SYSTEMS (ABADS).....	---	---	---
192 NATIONAL TECHNICAL NUCLEAR FORENSICS.....	2,039	2,039	---
193 SEEK EAGLE.....	32,853	32,853	---
194 USAF MODELING AND SIMULATION.....	19,341	19,341	---
195 WARGAMING AND SIMULATION CENTERS.....	7,004	7,004	---
196 BATTLEFIELD ABN COMM NODE (BACN).....	---	---	---
197 DISTRIBUTED TRAINING AND EXERCISES.....	4,628	4,628	---
198 MISSION PLANNING SYSTEMS.....	99,214	99,214	---
199 TACTICAL DECEPTION.....	17,074	24,574	+7,500
200 OPERATIONAL HG - CYBER.....	2,347	5,347	+3,000
201 DISTRIBUTED CYBER WARFARE OPERATIONS.....	76,592	76,592	---
202 AF DEFENSIVE CYBERSPACE OPERATIONS.....	8,367	---	-8,367
203 JOINT CYBER COMMAND AND CONTROL (JCC2).....	80,740	80,740	---
204 UNIFIED PLATFORM (UP).....	107,548	107,548	---
208 INTEL DATA APPLICATIONS.....	1,065	1,065	---
209 GEOBASE.....	2,928	2,928	---
210 NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES).....	---	16,200	+16,200
211 CYBER SECURITY INTELLIGENCE SUPPORT.....	8,972	8,972	---
AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR			

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
218 BATTLESPACE AWARENESS.....	3,069	3,069	---
219 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC).....	25,701	25,701	---
220 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK....	41,171	41,171	---
221 INFORMATION SYSTEMS SECURITY PROGRAM.....	70,582	70,582	---
222 GLOBAL FORCE MANAGEMENT - DATA INITIATIVE.....	---	---	---
223 ALL DOMAIN COMMON PLATFORM.....	---	---	---
224 JOINT MILITARY DECEPTION INITIATIVE.....	2,588	2,588	---
226 AIRBORNE SIGINT ENTERPRISE.....	108,528	115,528	+7,000
227 COMMERCIAL ECONOMIC ANALYSIS.....	4,542	4,542	---
230 C2 AIR OPERATIONS SUITE - C2 INFO SERVICES.....	8,097	8,097	---
231 CCMD INTELLIGENCE INFORMATION TECHNOLOGY.....	1,751	1,751	---
232 ISR MODERNIZATION & AUTOMATION DVMT (IMAD).....	13,138	13,138	---
233 GLOBAL AIR TRAFFIC MANAGEMENT (GATH).....	4,895	4,895	---
234 CYBER SECURITY INITIATIVE.....	91	91	---
235 WEATHER SERVICE.....	11,716	24,716	+13,000
236 AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC).....	8,511	8,511	---
237 AERIAL TARGETS.....	1,365	1,365	---
240 SECURITY AND INVESTIGATIVE ACTIVITIES.....	223	223	---
241 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES.....	8,328	8,328	---
243 INTEGRATED BROADCAST SERVICE.....	22,123	22,123	---
244 DRAGON U-2.....	20,170	20,170	---
245 AIRBORNE RECONNAISSANCE SYSTEMS.....	55,048	60,048	+5,000
246 MANNED RECONNAISSANCE SYSTEMS.....	14,590	14,590	---
247 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	26,901	26,901	---
248 RQ-4 UAV.....	68,801	68,801	---
249 NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA).....	17,564	17,564	---
250 NATO AGS.....	826	826	---
251 SUPPORT TO DCGS ENTERPRISE.....	28,774	28,774	---
252 INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.....	15,036	15,036	---
253 RAPID CYBER ACQUISITION.....	3,739	3,739	---
254 PERSONNEL RECOVERY COMMAND & CTRL (PRC2).....	2,702	2,702	---
255 INTELLIGENCE MISSION DATA (IMD).....	6,332	6,332	---
256 C-130 AIRLIFT SQUADRON.....	407	407	---
257 C-5 AIRLIFT SQUADRONS.....	6,100	3,100	-3,000

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
258 C-17 AIRCRAFT.....	25,387	20,387	-5,000
259 C-130J PROGRAM.....	11,060	10,060	-1,000
260 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM).....	2,909	2,909	---
261 KC-135S.....	12,955	12,955	---
262 CV-22.....	10,121	10,121	---
263 SPECIAL TACTICS / COMBAT CONTROL.....	6,297	6,297	---
264 MAINTENANCE, REPAIR & OVERHAUL SYSTEM.....	19,892	19,892	---
265 LOGISTICS INFORMATION TECHNOLOGY (LOGIT).....	5,271	7,271	+2,000
267 OTHER FLIGHT TRAINING.....	2,214	2,214	---
268 OTHER PERSONNEL ACTIVITIES.....	---	---	---
269 JOINT PERSONNEL RECOVERY AGENCY.....	2,164	2,164	---
270 CIVILIAN COMPENSATION PROGRAM.....	4,098	4,098	---
271 PERSONNEL ADMINISTRATION.....	3,191	3,191	---
272 AIR FORCE STUDIES AND ANALYSIS AGENCY.....	899	899	---
273 FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT..	5,421	5,421	---
274 DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS).....	---	---	---
276 SERVICE SUPPORT TO SPACECOM ACTIVITIES.....	13,766	13,766	---
	-----	-----	-----
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	5,849,928	6,054,396	+204,468
9999 CLASSIFIED PROGRAMS.....	17,240,641	16,612,340	-628,301
278 STRATEGIC MISSION PLANNING AND EXECUTION SYSTEM - SOFTWARE PILOT PROGRAM.....	100,167	---	-100,167
279 AIR & SPACE OPERATIONS CENTER (AOC) - SOFTWARE PILOT PROGRAM.....	177,827	---	-177,827
280 DEFENSE ENTERPRISE ACCOUNTING AND MANAGEMENT SYSTEM (DEAMS) - SOFTWARE PILOT PRO.....	136,202	129,392	-6,810
281 DISTRIBUTED CYBER WARFARE OPERATIONS.....	37,346	---	-37,346
282 AIR FORCE DEFENSIVE CYBER SYSTEMS (AFDCS) - SOFTWARE PILOT PROGRAM.....	240,926	228,880	-12,046
283 ALL DOMAIN COMMON PLATFORM (ADCP) - SOFTWARE PILOT PROGRAM.....	190,112	180,607	-9,505
284 AIR FORCE WEATHER PROGRAMS - SOFTWARE PILOT PROGRAM...	58,063	55,160	-2,903
285 ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR) - SOFTWARE PILOT PROGRAM.....	5,794	5,505	-289
	=====	=====	=====
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE.....	44,134,301	43,173,883	-960,418
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RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE			
APPLIED RESEARCH			
2	243,737	286,492	+42,755
	243,737	286,492	+42,755
-----			
ADVANCED TECHNOLOGY DEVELOPMENT			
3	460,820	434,820	-26,000
4	103,395	146,168	+42,773
	564,215	580,988	+16,773
-----			
COMPONENT DEVELOPMENT & PROTOTYPES			
5	816	816	---
6	382,594	382,594	---
7	44,791	44,791	---
8	96,519	96,519	---
9	---	---	---
10	986,822	962,722	-24,100
11	---	---	---
12	230,621	221,421	-9,200
13	106,252	96,022	-10,230
14	57,953	50,453	-7,500
15	---	---	---
16	59,169	56,600	-2,569
17	121,069	111,169	-9,900
18	294,828	279,628	-15,200
19	565,597	542,097	-23,500
20	45,427	54,427	+9,000
	2,992,458	2,899,259	-93,199
-----			
SYSTEM DEVELOPMENT & DEMONSTRATION			
21	325,927	318,727	-7,200
22	49,628	54,628	+5,000
23	21,848	21,848	---
24	48,870	48,870	---
25	105,140	95,740	-9,400
26	11,701	11,701	---
27	67,465	67,465	---



RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
28 WIDEBAND GLOBAL SATCOM (SPACE).....	48,438	48,438	---
29 NEXT GENERATION OPIR - GROUND.....	---	---	---
30 NEXT GENERATION OPIR.....	3,479,459	839,130	-2,640,329
31 NEXT GENERATION OPIR - GEO.....	---	1,713,933	+1,713,933
32 NEXT GENERATION OPIR - POLAR.....	---	899,196	+899,196
33 COMMERCIAL SATCOM (COMSATCOM) INTEGRATION.....	23,513	23,513	---
34 RESILIENT MISSILE WARNING MISSILE TRACKING - LOW EARTH ORBIT (LEO).....	499,840	525,637	+25,797
35 RESILIENT MISSILE WARNING MISSILE TRACKING - MEDIUM EARTH ORBIT (MEO).....	139,131	262,730	+123,599
36 RESILIENT MISSILE WARNING MISSILE TRACKING - INTEGRATED GROUND SEGMENT.....	390,596	---	-390,596
37 NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD..	124,103	154,103	+30,000
TOTAL, SYSTEM DEVELOPMENT & DEMONSTRATION.....	5,335,659	5,085,659	-250,000
MANAGEMENT SUPPORT			
39 SPACE TEST AND TRAINING RANGE DEVELOPMENT.....	21,453	21,453	---
40 ACQ WORKFORCE - SPACE & MISSILE SYSTEMS.....	253,716	253,716	---
41 SPACE & MISSILE SYSTEMS CENTER - MHA.....	13,962	13,962	---
42 SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO.....	2,773	---	-2,773
43 MAJOR T&E INVESTMENT - SPACE.....	89,751	89,751	---
44 ROCKET SYSTEMS LAUNCH PROGRAM (SPACE).....	17,922	17,922	---
45 TACTICALLY RESPONSIVE LAUNCH.....	---	25,000	+25,000
46 SPACE TEST PROGRAM (STP).....	25,366	25,366	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	424,943	447,170	+22,227
OPERATIONAL SYSTEMS DEVELOPMENT			
48 GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN).....	5,321	5,321	---
49 FAMILY OF ADVANCED BLOS TERMINALS (FAB-T).....	128,243	128,243	---
50 DCO-SPACE.....	28,162	28,162	---
51 NARROWBAND SATELLITE COMMUNICATIONS.....	165,892	144,392	-21,500
52 SATELLITE CONTROL NETWORK (SPACE).....	42,199	42,199	---
53 NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).....	2,062	2,062	---
54 SPACE AND MISSILE TEST EVALUATION CENTER.....	4,157	4,157	---
55 SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.....	38,103	38,103	---
56 SPACELIFT RANGE SYSTEM (SPACE).....	11,658	21,658	+10,000

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
57 GPS III SPACE SEGMENT.....	1,626	1,626	---
58 SPACE SUPERIORITY ISR.....	29,128	29,128	---
59 NATIONAL SPACE DEFENSE CENTER (NSDC).....	2,856	2,856	---
60 BALLISTIC MISSILE DEFENSE RADARS.....	18,615	18,615	---
61 NCMC TW/AA SYSTEM.....	7,274	7,274	---
62 NUDET DETECTION SYSTEM (SPACE).....	80,429	80,429	---
63 SPACE SITUATION AWARENESS OPERATIONS.....	80,903	80,903	---
64 GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT.....	359,720	359,720	---
68 ENTERPRISE GROUND SERVICES.....	123,601	123,601	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	1,129,949	1,118,449	-11,500
999 CLASSIFIED PROGRAMS.....	4,973,358	4,883,398	-89,960
69 JSPOC MISSION SYSTEM.....	---	---	---
70 SPACE COMMAND & CONTROL - SOFTWARE PILOT PROGRAM.....	155,053	160,053	+5,000
	=====	=====	=====
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE.....	15,819,372	15,461,468	-357,904
	=====	=====	=====

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
-----			
RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE			
BASIC RESEARCH			
1	11,584	15,584	+4,000
DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH..			
2	401,870	414,870	+13,000
DEFENSE RESEARCH SCIENCES.....			
3	16,257	21,257	+5,000
HIGH ENERGY LASER RESEARCH INITIATIVES.....			
4	62,386	68,686	+6,300
BASIC RESEARCH INITIATIVES.....			
5	80,874	80,874	---
BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.....			
6	132,347	137,347	+5,000
NATIONAL DEFENSE EDUCATION PROGRAM.....			
7	33,288	100,500	+67,212
HISTORICALLY BLACK COLLEGES & UNIV (HBCU).....			
8	34,734	34,734	---
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....			
-----			
	773,340	873,852	+100,512
TOTAL, BASIC RESEARCH.....			
APPLIED RESEARCH			
9	18,961	22,961	+4,000
JOINT MUNITIONS TECHNOLOGY.....			
10	106,958	106,958	---
BIOMEDICAL TECHNOLOGY.....			
12	3,275	3,275	---
PROMOTION AND PROTECTION STRATEGIES.....			
14	20,634	19,067	-1,567
DEFENSE TECHNOLOGY INNOVATION.....			
15	46,159	46,159	---
LINCOLN LABORATORY RESEARCH PROGRAM.....			
16	67,666	67,666	---
APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES.....			
17	388,270	388,270	---
INFORMATION AND COMMUNICATIONS TECHNOLOGY.....			
18	23,059	23,059	---
BIOLOGICAL WARFARE DEFENSE.....			
19	256,197	244,637	-11,560
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....			
20	17,264	27,264	+10,000
CYBER SECURITY RESEARCH.....			
21	4,000	4,000	---
SOCIAL SCIENCES FOR ENVIRONMENTAL SECURITY.....			
22	221,883	208,383	-13,500
TACTICAL TECHNOLOGY.....			
23	352,976	340,476	-12,500
MATERIALS AND BIOLOGICAL TECHNOLOGY.....			
24	557,745	557,745	---
ELECTRONICS TECHNOLOGY.....			
COUNTER WEAPONS OF MASS DESTRUCTION DEFEAT			
25	192,162	192,162	---
TECHNOLOGIES.....			
26	11,030	11,030	---
SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH..			
27	48,587	48,587	---
HIGH ENERGY LASER RESEARCH.....			
28	49,174	53,674	+4,500
SOF TECHNOLOGY DEVELOPMENT.....			
-----			
	2,386,000	2,365,373	-20,627
TOTAL, APPLIED RESEARCH.....			

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
29	ADVANCED TECHNOLOGY DEVELOPMENT JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	34,065	34,065	---
30	SO/LIC ADVANCED DEVELOPMENT.....	4,919	4,919	---
31	COMBATING TERRORISM TECHNOLOGY SUPPORT.....	72,614	145,114	+72,500
32	FOREIGN COMPARATIVE TESTING.....	26,802	26,802	---
35	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT.....	6,505	6,505	---
34	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.....	395,721	395,721	---
36	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT.....	16,737	16,737	---
37	ADVANCED RESEARCH.....	22,023	45,323	+23,300
38	JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT &TRANSITION...	52,156	57,156	+5,000
39	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT.....	18,898	18,898	---
40	ADVANCED AEROSPACE SYSTEMS.....	253,135	241,015	-12,120
41	SPACE PROGRAMS AND TECHNOLOGY.....	81,888	74,388	-7,500
42	ANALYTIC ASSESSMENTS.....	24,052	24,052	---
43	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS.....	53,890	53,890	---
46	DEFENSE MODERNIZATION AND PROTOTYPING.....	141,561	132,805	-8,756
47	DEFENSE INNOVATION UNIT.....	42,925	47,925	+5,000
48	TECHNOLOGY INNOVATION.....	109,535	72,535	-37,000
49	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV	238,407	228,262	-10,145
50	RETRACT LARCH.....	79,493	79,493	---
51	JOINT ELECTRONIC ADVANCED TECHNOLOGY.....	19,218	19,218	---
52	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS.....	114,100	114,100	---
53	NETWORKED COMMUNICATIONS CAPABILITIES.....	3,168	3,168	---
54	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	256,142	322,342	+66,200
55	MANUFACTURING TECHNOLOGY PROGRAM.....	46,166	59,166	+13,000
56	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS.....	13,663	13,663	---
57	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM.....	58,411	88,411	+30,000
58	MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT....	139,833	139,833	---
59	JOINT WARFIGHTING PROGRAM.....	2,411	2,411	---
60	ADVANCED ELECTRONICS TECHNOLOGIES.....	250,917	250,917	---
61	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS.....	305,050	298,050	-7,000
62	NETWORK-CENTRIC WARFARE TECHNOLOGY.....	678,562	669,062	-9,500
63	SENSOR TECHNOLOGY.....	314,502	308,442	-6,060
64	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT..	201	201	---
65	SOFTWARE ENGINEERING INSTITUTE.....	13,417	13,417	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
66 HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM.....	111,149	111,149	---
67 TEST & EVALUATION SCIENCE & TECHNOLOGY.....	315,090	329,490	+14,400
68 NATIONAL SECURITY INNOVATION NETWORK.....	22,028	33,268	+11,240
69 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT.....	180,170	186,290	+6,120
72 SOF ADVANCED TECHNOLOGY DEVELOPMENT.....	118,877	127,477	+8,600
SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT.	---	---	---
TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	4,638,401	4,795,680	+157,279
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES			
74 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	41,507	41,507	---
75 WALKOFF.....	133,795	133,795	---
76 ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	84,638	104,638	+20,000
77 BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT....	190,216	190,216	---
78 BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT...	667,524	667,524	---
79 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	291,364	252,010	-39,354
80 BALLISTIC MISSILE DEFENSE SENSORS.....	231,134	231,134	---
81 BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS.....	591,847	591,847	---
82 SPECIAL PROGRAMS - MDA.....	316,977	316,977	---
83 AEGIS BMD.....	600,072	606,072	+6,000
84 BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT.....	589,374	589,374	---
85 BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT....	50,269	50,269	---
86 MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).....	49,367	49,367	---
87 REGARDING TRENCH.....	12,146	12,146	---
88 SEA BASED X-BAND RADAR (SBX).....	164,668	159,962	-4,706
89 ISRAELI COOPERATIVE PROGRAMS.....	300,000	300,000	---
90 BALLISTIC MISSILE DEFENSE TEST.....	367,824	367,824	---
91 BALLISTIC MISSILE DEFENSE TARGETS.....	559,513	559,513	---
92 COALITION WARFARE.....	11,154	11,154	---
93 NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).....	249,591	249,591	---
94 DEPARTMENT OF DEFENSE CORROSION PROGRAM.....	3,166	3,166	---
95 GUAM DEFENSE DEVELOPMENT.....	397,936	374,262	-23,674
TECHNOLOGY MATURATION INITIATIVES.....	---	---	---
97 CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) - MIP.....	33,850	33,950	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
99 HYPERSONIC DEFENSE.....	225,477	225,477	---
100 ADVANCED INNOVATIVE TECHNOLOGIES.....	1,145,358	1,095,108	-50,250
101 TRUSTED AND ASSURED MICROELECTRONICS.....	647,226	700,226	+53,000
102 RAPID PROTOTYPING PROGRAM.....	179,189	161,199	-17,990
103 DEFENSE INNOVATION UNIT (DIU) PROTOTYPING.....	24,402	24,402	---
DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON 104 DEVELOPMENT.....	2,691	2,691	---
105 CATAPULT.....	7,130	7,130	---
106 OPERATIONAL ENERGY CAPABILITY IMPROVEMENT - NON S&T... HOMELAND DEFENSE RADAR-HAWAII.....	45,779	45,779	---
108 WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)....	3,229	3,229	---
JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND 109 INTEROPERABILITY.....	40,699	35,699	-5,000
110 LONG RANGE DISCRIMINATION RADAR.....	75,120	75,120	---
111 IMPROVED HOMELAND DEFENSE INTERCEPTORS.....	1,833,357	1,833,357	---
BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT 112 TEST.....	69,762	69,762	---
113 AEGIS BMD TEST.....	182,776	175,619	-7,157
114 BALLISTIC MISSILE DEFENSE SENSOR TEST.....	88,326	88,326	---
115 LAND-BASED SM-3 (LBSM3).....	27,678	27,678	---
BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT 116 TEST.....	84,075	84,075	---
117 SAFETY PROGRAM MANAGEMENT.....	2,417	2,417	---
118 ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS.....	2,664	2,664	---
120 CYBER SECURITY INITIATIVE.....	1,165	1,165	---
121 SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING.....	---	---	---
122 SPACE TRACKING AND SURVEILLANCE SYSTEM.....	---	---	---
123 BALLISTIC MISSILE DEFENSE SYSEM SPACE PROGRAMS.....	129,957	129,957	---
TOTAL, DEMONSTRATION & VALIDATION.....	10,756,509	10,687,378	-69,131
ENGINEERING & MANUFACTURING DEVELOPMENT CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER 124 (CDAO) - DEM/VAL ACTIVITIES.....	273,340	223,340	-50,000
125 NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	6,482	6,482	---
127 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	312,148	309,073	-3,075
128 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	9,120	9,120	---
COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS 129 DEVELOPMENT.....	14,403	14,403	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
130 INFORMATION TECHNOLOGY DEVELOPMENT.....	1,244	1,244	---
131 HOMELAND PERSONNEL SECURITY INITIATIVE.....	6,191	6,191	---
132 DEFENSE EXPORTABILITY PROGRAM.....	10,145	10,145	---
133 OUSD(C) IT DEVELOPMENT INITIATIVES.....	5,938	5,938	---
DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION..	---	---	---
136 DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM.....	23,171	23,171	---
137 MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS).....	14,093	14,093	---
138 DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES.....	6,949	6,949	---
139 TRUSTED & ASSURED MICROELECTRONICS.....	302,963	302,963	---
140 NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS.....	3,758	3,758	---
141 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)...	8,121	8,121	---
142 CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION....	16,048	16,048	---
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	1,014,114	961,039	-53,075
MANAGEMENT SUPPORT			
143 JOINT CAPABILITY EXPERIMENTATION.....	12,452	12,452	---
144 DEFENSE READINESS REPORTING SYSTEM (DRRS).....	8,902	8,902	---
145 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT.....	6,610	6,610	---
146 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT....	819,358	928,808	+109,450
147 ASSESSMENTS AND EVALUATIONS.....	4,607	4,607	---
148 MISSION SUPPORT.....	86,869	86,869	---
149 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).....	126,079	126,079	---
150 JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION..	53,278	53,278	---
151 CLASSIFIED PROGRAM USD(P).....	---	160,935	+160,935
152 SYSTEMS ENGINEERING.....	39,009	39,009	---
153 STUDIES AND ANALYSIS SUPPORT.....	5,716	5,716	---
154 NUCLEAR MATTERS - PHYSICAL SECURITY.....	15,379	15,379	---
155 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.....	9,449	9,449	---
156 GENERAL SUPPORT TO USD (INTELLIGENCE).....	6,112	6,112	---
157 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	124,475	122,232	-2,243
SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.....	3,820	3,820	---
166 MAINTAINING TECHNOLOGY ADVANTAGE.....	35,414	33,082	-2,332
167 DEFENSE TECHNOLOGY ANALYSIS.....	56,114	56,114	---
168 DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	63,184	63,184	---

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
169 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	23,757	23,757	---
170 DEVELOPMENT TEST AND EVALUATION.....	26,652	26,652	---
171 MANAGEMENT HQ - R&D.....	14,636	14,636	---
MANAGEMENT HQ - DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	3,518	3,518	---
173 BUDGET AND PROGRAM ASSESSMENTS.....	15,244	14,176	-1,068
174 ANALYSIS WORKING GROUP (AWG) SUPPORT.....	4,700	---	-4,700
CHIEF DIGITAL AND ARTIFICIAL INTELLIGENCE OFFICER (CDAO) ACTIVITIES.....	13,132	13,132	---
176 ODNA TECHNOLOGY AND RESOURCE ANALYSIS.....	3,323	3,323	---
177 DEFENSE SCIENCE BOARD.....	2,532	2,500	-32
DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT.....	---	---	---
179 CYBER RESILIENCY AND CYBERSECURITY POLICY.....	32,306	32,306	---
180 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT.....	12,354	8,236	-4,118
181 DEFENSE OPERATIONS SECURITY (DOSI).....	3,034	3,034	---
182 JOINT STAFF ANALYTICAL SUPPORT.....	4,332	3,058	-1,274
183 C4I INTEROPERABILITY.....	69,698	69,698	---
INFORMATION SYSTEMS SECURITY PROGRAM.....	---	---	---
DEFENSE MILITARY DECEPTION PROGRAM OFFICE.....	---	---	---
189 COMBINED ADVANCED APPLICATIONS.....	16,171	16,171	---
191 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	3,072	3,072	---
246 INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS..	---	---	---
192 COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION.	37,852	33,861	-3,991
193 DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI)	716	716	---
194 MANAGEMENT HEADQUARTERS - MDA.....	25,259	25,259	---
195 JOINT SERVICE PROVIDER (JSP).....	3,141	3,141	---
9999 CLASSIFIED PROGRAMS.....	37,841	37,841	---
TOTAL, RDT&E MANAGEMENT SUPPORT.....	1,830,097	2,080,724	+250,627



RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
OPERATIONAL SYSTEMS DEVELOPMENT			
202 ENTERPRISE SECURITY SYSTEM (ESS).....	---	---	---
203 JOINT ARTIFICIAL INTELLIGENCE.....	---	---	---
200 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT.....	588,094	715,294	+127,200
201 CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT.....	15,427	15,427	---
202 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT.....	8,317	8,317	---
203 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).....	68,030	65,588	-2,442
209 DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION.....	19,145	19,145	---
210 LONG HAUL COMMUNICATIONS (DCS).....	13,195	13,195	---
211 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK....	5,746	5,746	---
212 KEY MANAGEMENT INFRASTRUCTURE (KMI).....	92,018	92,018	---
213 INFORMATION SYSTEMS SECURITY PROGRAM.....	43,135	63,135	+20,000
214 INFORMATION SYSTEMS SECURITY PROGRAM.....	593,831	617,831	+24,000
215 INFORMATION SYSTEMS SECURITY PROGRAM.....	7,005	7,005	---
216 GLOBAL COMMAND AND CONTROL SYSTEM.....	10,020	10,020	---
217 DEFENSE SPECTRUM ORGANIZATION.....	19,708	19,708	---
JOINT REGIONAL SECURITY STACKS (JRSS).....	---	---	---
221 FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.....	5,197	5,197	---
DEFENSE INDUSTRIAL BASE (DIB) CYBER SECURITY			
226 INITIATIVE.....	10,000	10,000	---
229 SECURITY AND INVESTIGATIVE ACTIVITIES.....	450	450	---
230 INDUSTRIAL SECURITY ACTIVITIES.....	1,800	1,800	---
233 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES.....	4,622	19,622	+15,000
234 COMBINED ADVANCED APPLICATIONS.....	49,380	49,380	---
237 POLICY R&D PROGRAMS.....	6,214	6,214	---
238 NET CENTRICITY.....	17,917	17,917	---
240 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.....	6,095	6,095	---
246 INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS..	4,575	4,575	---
247 CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT.....	2,497	2,497	---
248 INSIDER THREAT.....	9,403	12,403	+3,000
249 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM.....	1,864	1,864	---
257 LOGISTICS SUPPORT ACTIVITIES.....	1,620	1,620	---
258 PACIFIC DISASTER CENTERS.....	1,875	1,875	---
259 DEFENSE PROPERTY ACCOUNTABILITY SYSTEM.....	3,264	3,264	---
261 MQ-9 UAV.....	14,000	19,840	+5,840

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
263 AVIATION SYSTEMS.....	179,499	179,499	---
264 INTELLIGENCE SYSTEMS DEVELOPMENT.....	75,136	75,136	---
265 OPERATIONAL ENHANCEMENTS.....	142,900	191,260	+48,360
266 WARRIOR SYSTEMS.....	129,133	141,864	+12,731
267 SPECIAL PROGRAMS.....	518	518	---
268 UNMANNED ISR.....	3,354	3,354	---
269 SOF TACTICAL VEHICLES.....	13,594	13,594	---
270 MARITIME SYSTEMS.....	82,645	119,645	+37,000
272 OPERATIONAL ENHANCEMENTS INTELLIGENCE.....	7,583	12,583	+5,000
273 TELEPORT PROGRAM.....	1,270	1,270	---
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	2,260,076	2,555,765	+295,689
999 CLASSIFIED PROGRAMS.....	7,854,604	7,823,931	-30,673
274 NATIONAL BACKGROUND INVESTIGATION SERVICES - SOFTWARE PILOT PROGRAM.....	132,524	132,524	---
275 ACQUISITION VISIBILITY - SOFTWARE PILOT PROGRAM.....	17,123	17,123	---
276 ACCELERATE THE PROCUREMENT AND FIELDING OF INNOVATIVE TECHNOLOGIES (APFIT).....	100,000	---	-100,000
277 GLOBAL COMMAND AND CONTROL SYSTEM.....	34,987	34,987	---
ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS - SOFTWARE PILOT PROGRAM.....	---	---	---
278 NATIONAL INDUSTRIAL SECURITY SYSTEMS (NISS) - SOFTWARE PILOT PROGRAM.....	14,749	14,749	---
999 CLASSIFIED PROGRAMS.....	265,028	265,028	---
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE.....	32,077,552	32,608,153	+530,601

RESEARCH, DEVELOPMENT, TEST AND EVALUATION  
(DOLLARS IN THOUSANDS)

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	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST	
OPERATIONAL TEST AND EVALUATION, DEFENSE				
RDT&E MANAGEMENT SUPPORT				
1	OPERATIONAL TEST AND EVALUATION.....	119,529	119,529	---
2	LIVE FIRE TEST AND EVALUATION.....	99,947	99,947	---
3	OPERATIONAL TEST ACTIVITIES AND ANALYSES.....	57,718	57,718	---
-----				
	TOTAL, RDT&E MANAGEMENT SUPPORT.....	277,194	277,194	---
=====				
	TOTAL, OPERATIONAL TEST AND EVALUATION, DEFENSE.....	277,194	277,194	---
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**DEFENSE**  
[Community Project Funding]

Agency	Account	Recipient	Project	House Amount	House Requestors
Army	RDTE,A	The Miami Project to Cure Paralysis at the University of Miami, Miami, Florida	U.S. Army Battlefield Exercise and Combat Related Traumatic Brain and Spinal Cord Injury Research	\$1,700,000	Wasserman Schultz
Army	RDTE,A	Texas A&M University—Central Texas, Killeen, TX	Operational Test Command Enhanced Support	3,900,000	Carter (TX)
Army	RDTE,A	Georgia Southern University, Statesboro, GA	Soldier Performance and Readiness	5,680,000	Carter (GA)
Army	RDTE,A	Pennington Biomedical Research Center, Baton Rouge, LA	Center for Excellence in Military Health and Performance Enhancement	5,000,000	Graves (LA)
Army	RDTE,A	University of Georgia, Athens, GA	Expanding Engineering with Nature Installation Capacity	5,000,000	Carter (GA)
Army	RDTE,A	Florida State University, Tallahassee, Florida	Heated Garment Testing Equipment for Warfighters	180,890	Lawson (FL)
Defense-Wide	RDTE,DW	Institute for Digital Enterprise Advancement, Huntsville, AL	Systems Engineering Technology Apprenticeship and Internship Program	1,200,000	Aderholt
Defense-Wide	RDTE,DW	University of Rhode Island Research Foundation, Kingston, RI	SEA (Secure Email Access) Share	1,240,000	Langevin
Defense-Wide	RDTE,DW	Florida International University, Miami, FL	Central American Open Source Research Initiative and Coalition	1,300,000	Salazar
Defense-Wide	RDTE,DW	Biointustrial Manufacturing and Design Ecosystem, Emeryville, CA	Scalable comprehensive workforce readiness initiatives in bio-industrial manufacturing that lead to regional bioeconomic transformation and growth	5,000,000	Garamendi
Defense-Wide	RDTE,DW	Prairie View A&M University, Prairie View, TX	Integrated Research and Training in Artificial Intelligence and Machine Learning for ROTC Students	500,000	McCaul
Defense-Wide	RDTE,DW	Virginia Polytechnic Institute and State University, Blacksburg, VA	Research and Development of Next Generation Explosives and Propellants	2,000,000	Griffith
Defense-Wide	RDTE,DW	University of Maine, Orono, Maine	Partnerships for Manufacturing Training Innovation	7,000,000	Golden

Navy	RDTE,N	Auburn University, Auburn, AL	High-Energy Density and High-Power Density Li-Ion Battery Magazines in Defense Applications	8,000,000	Rogers (AL)
Navy	RDTE,N	NYNJ Baykeeper, Hazlet, NJ	Enhancing Installation Resiliency at Naval Weapons Station Earle	2,500,000	Pallone
Space Force	RDTE,SF	Texas Engineering Experiment Station, Bryan, TX	Space Research Hub	4,000,000	Sessions

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army.....	47,814,079	50,305,255	50,144,455	+2,330,376	-160,800
CR Funding Military Personnel, Army - P.L. 117-86.....	33,263	---	---	-33,263	---
Military Personnel, Navy.....	35,504,251	36,629,226	36,244,037	+739,786	-385,189
CR Funding Military Personnel, Navy - P.L. 117-86.....	91,327	---	---	-91,327	---
Military Personnel, Marine Corps.....	14,572,400	15,330,068	15,230,772	+658,372	-99,296
CR Funding Military Personnel, Marine Corps - P.L. 117-86.....	5,206	---	---	-5,206	---
Military Personnel, Air Force.....	35,078,206	35,140,287	35,060,287	-17,919	-80,000
CR Funding Military Personnel, Air Force - P.L. 117-86.....	27,564	---	---	-27,564	---
Military Personnel, Space Force.....	---	1,117,361	1,084,361	+1,084,361	-33,000
Reserve Personnel, Army.....	5,156,976	5,384,686	5,374,686	+217,710	-10,000
Reserve Personnel, Navy.....	2,297,029	2,410,777	2,400,777	+103,748	-10,000
Reserve Personnel, Marine Corps.....	802,619	849,942	839,942	+37,323	-10,000
Reserve Personnel, Air Force.....	2,371,001	2,519,878	2,509,878	+138,877	-10,000
National Guard Personnel, Army.....	9,017,728	9,324,813	9,324,213	+306,485	-600
National Guard Personnel, Air Force.....	4,764,443	5,127,335	5,123,235	+358,792	-4,100
Total, title I, Military Personnel.....	157,536,092	164,139,628	163,336,643	+5,800,551	-802,985
Total, including Tricare.....	166,873,267	173,882,628	173,079,643	+6,206,376	-802,985

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army.....	55,016,103	58,117,556	57,583,205	+2,567,102	-534,351
CR Funding Operation and Maintenance, Army - P.L. 117-86.....	22,640	---	---	-22,640	---
Operation and Maintenance, Navy.....	62,480,035	66,151,951	65,775,711	+3,295,676	-376,240
CR Funding Operation and Maintenance, Navy - P.L. 117-86.....	70,000	---	---	-70,000	---
Operation and Maintenance, Marine Corps.....	9,185,430	9,660,944	9,638,125	+452,695	-22,819
Operation and Maintenance, Air Force.....	55,103,948	58,281,242	58,038,438	+2,934,490	-242,804
Operation and Maintenance, Space Force.....	3,435,212	4,034,658	3,967,658	+532,446	-67,000
Counter-ISIS Train and Equip Fund (CTEF).....	45,864,202	48,406,516	48,663,571	+2,799,369	+257,055
CR Funding Operation and Maintenance Defense Wide - P.L. 117-86.....	500,000	541,692	450,000	-50,000	-91,692
Operation and Maintenance, Army Reserve.....	100,000	---	---	-100,000	---
Operation and Maintenance, Navy Reserve.....	3,032,255	3,228,504	3,169,504	+137,249	-59,000
Operation and Maintenance, Marine Corps Reserve.....	1,173,598	1,228,300	1,216,300	+42,702	-12,000
Operation and Maintenance, Air Force Reserve.....	294,860	304,233	340,733	+45,873	+36,500
Operation and Maintenance, Air National Guard.....	3,417,706	3,564,544	3,535,544	+117,838	-29,000
Operation and Maintenance, Air National Guard.....	7,714,473	8,157,237	8,094,937	+380,464	-62,300
United States Court of Appeals for the Armed Forces.....	6,786,420	6,900,679	6,908,979	+122,559	+8,300
Environmental Restoration, Army.....	15,589	16,003	16,003	+414	---
Environmental Restoration, Navy.....	299,008	196,244	273,700	-25,308	+77,456
Environmental Restoration, Air Force.....	390,113	359,348	390,113	---	+30,765
Environmental Restoration, Defense-Wide.....	522,010	314,474	438,810	-83,200	+124,336
Environmental Restoration, Formerly Used Defense Sites	10,979	8,924	10,979	---	+2,055
	292,580	227,262	292,580	---	+65,318

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
Overseas Humanitarian, Disaster, and Civic Aid.....	160,051	112,800	150,000	-10,051	+37,200
Cooperative Threat Reduction Account.....	344,849	341,598	351,598	+6,749	+10,000
Department of Defense Acquisition Workforce Development Account.....	56,679	53,791	53,791	-2,888	- - -
<b>Total, title II, Operation and Maintenance.....</b>	<b>256,289,740</b>	<b>270,208,500</b>	<b>269,360,279</b>	<b>+13,071,539</b>	<b>-848,221</b>



COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
<b>TITLE III</b>					
<b>PROCUREMENT</b>					
Aircraft Procurement, Army.....	3,295,431	2,849,655	3,276,970	-18,461	+427,315
Missile Procurement, Army.....	3,460,064	3,761,915	3,750,465	+290,401	-11,450
Procurement of Weapons and Tracked Combat Vehicles, Army.....	4,319,082	3,576,030	3,604,302	-714,780	+28,272
Procurement of Ammunition, Army.....	2,276,667	2,639,051	2,576,848	+299,981	-62,403
Other Procurement, Army.....	9,453,524	8,457,509	8,243,869	-1,209,655	-213,640
Aircraft Procurement, Navy.....	17,799,321	16,848,428	16,334,708	-1,464,613	-513,720
Weapons Procurement, Navy.....	3,982,657	4,738,705	4,594,139	+611,482	-144,566
Procurement of Ammunition, Navy and Marine Corps.....	845,289	1,052,292	911,982	+66,693	-140,310
Shipbuilding and Conversion, Navy.....	26,664,526	27,917,854	27,780,407	+1,115,881	-137,447
Other Procurement, Navy.....	11,072,651	11,746,503	11,285,187	+212,536	-461,316
Procurement, Marine Corps.....	3,093,770	3,681,506	3,414,365	+320,595	-267,141
Aircraft Procurement, Air Force.....	18,383,946	18,517,428	18,114,396	-269,550	-403,032
Missile Procurement, Air Force.....	2,475,206	2,962,417	2,866,722	+391,516	-95,695
Procurement of Ammunition, Air Force.....	665,977	903,630	890,530	+224,553	-13,100
Other Procurement, Air Force.....	26,615,079	25,691,113	25,426,674	-1,188,405	-264,439
Procurement, Space Force.....	3,023,408	3,629,669	3,717,369	+693,961	+87,700
Procurement, Defense-Wide.....	6,177,561	5,245,500	5,425,747	-751,814	+180,247
Defense Production Act Purchases.....	388,327	659,906	707,906	+319,579	+48,000
National Guard and Reserve Equipment.....	950,000	---	1,000,000	+50,000	+1,000,000
<b>Total, title III, Procurement.....</b>	<b>144,942,486</b>	<b>144,879,111</b>	<b>143,922,386</b>	<b>-1,020,100</b>	<b>-956,725</b>

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army.....	14,539,417	13,710,273	15,004,405	+464,988	+1,294,132
Research, Development, Test and Evaluation, Navy.....	22,139,080	24,078,718	25,142,077	+3,002,997	+1,063,359
Research, Development, Test and Evaluation, Air Force..	41,592,913	44,134,301	43,173,883	+1,960,970	-960,418
Research, Development, Test and Evaluation, Space Force.....	11,597,405	15,819,372	15,461,468	+3,864,063	-357,904
Research, Development, Test and Evaluation, Defense-Wide.....	29,065,786	32,077,552	32,608,153	+3,542,367	+530,601
Operational Test and Evaluation, Defense.....	276,591	277,194	277,194	+603	---
Total, title IV, Research, Development, Test and Evaluation.....	119,211,192	130,097,410	131,667,180	+12,455,988	+1,569,770

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds.....	2,017,000	1,329,895	1,329,895	-687,105	---
Total, title V, Revolving and Management Funds..	2,017,000	1,329,895	1,329,895	-687,105	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program					
Operation and maintenance.....	33,957,986	35,314,750	35,141,343	+1,183,357	-173,407
Procurement.....	759,708	570,074	570,074	-188,634	---
Research, development, test and evaluation.....	2,633,488	1,047,350	2,341,015	-292,473	+1,293,665
Total, Defense Health Program.....	37,350,182	36,932,174	38,052,432	+702,250	+1,120,258
Chemical Agents and Munitions Destruction, Defense:					
Operation and maintenance.....	93,121	84,612	84,612	-8,509	---
Research, development, test and evaluation.....	1,001,231	975,206	975,206	-26,025	---
Total, Chemical Agents.....	1,094,352	1,059,818	1,059,818	-34,534	---
Drug Interdiction and Counter-Drug Activities, Defense					
Office of the Inspector General.....	925,649	855,728	878,027	-47,622	+22,299
	438,963	479,359	479,359	+40,996	---
Total, title VI, Other Department of Defense Programs.....	39,808,546	39,327,079	40,469,636	+661,090	+1,142,557

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 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).....	587,100	635,000	578,705	-8,395	-56,295
Total, title VII, Related agencies.....	1,101,100	1,149,000	1,092,705	-8,395	-56,295

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (Sec. 8005).....	(6,000,000)	(8,000,000)	(6,000,000)	---	(-2,000,000)
Indian Financing Act incentives (Sec.8020).....	25,000	---	25,000	---	+25,000
FRDC (Sec. 8026).....	-63,840	---	-123,600	-59,760	-123,600
National Defense Stockpile Transaction Fund (Sec. 8034).....	125,000	253,500	93,500	-31,500	-160,000
Rescissions (Sec. 8047).....	-3,305,725	---	-716,375	+2,589,350	-716,375
National grants (Sec. 8052).....	49,000	---	49,000	---	+49,000
O&M, Defense-wide transfer authority (Sec. 8055).....	(30,000)	(30,000)	(30,000)	---	---
Fisher House Foundation (Sec.8068).....	5,000	---	5,000	---	+5,000
Improving Tactical Artificial Intelligence at the Combatant Commands (Sec. 8070).....	200,000	---	---	-200,000	---
Space Force field operating agencies (Sec. 8071).....	---	25,000	---	---	-25,000
Fisher House O&M Army Navy Air Force transfer authority (Sec.8069).....	(11,000)	(11,000)	(11,000)	---	---
John C. Stennis Center for Public Service Development (Sec.8070).....	(1,000)	(1,000)	(1,000)	---	---
Artificial Intelligence Workforce (Sec. 8080).....	50,000	---	---	-50,000	---
Defense Health O&M transfer authority (Sec. 8090).....	(137,000)	(168,000)	(168,000)	(+31,000)	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
Public Schools on Military Installations (Sec. 8105)..	516,233	---	300,751	-215,482	+300,751
Iron Dome (Sec. 8142).....	1,000,000	---	---	-1,000,000	---
Red Hill (Sec. 8150).....	100,000	---	---	-100,000	---
Red Hill Recovery Fund (Sec. 8141).....	---	1,000,000	1,000,000	+1,000,000	---
Inflation/pay raise (Sec. 8143).....	---	---	600,000	+600,000	+600,000
Paycheck timing shift.....	---	---	---	---	---
<b>Total, title VIII, General Provisions.....</b>	<b>-1,299,332</b>	<b>1,278,500</b>	<b>1,233,276</b>	<b>+2,532,608</b>	<b>-45,224</b>

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
 (Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE IX					
OTHER APPROPRIATIONS					
EXTENDING GOVERNMENT FUNDING AND DELIVERING EMERGENCY ASSISTANT ACT, 2021 (PL 117-43)					
DIVISION B - DISASTER RELIEF SUPPLEMENTAL APPROPRIATIONS ACT, 2022					
Operation and Maintenance					
Operation and Maintenance, Navy (emergency).....	565,000	---	---	-565,000	---
Operation and Maintenance, Air Force (emergency).....	330,000	---	---	-330,000	---
<b>Total, Division B.....</b>	<b>895,000</b>	<b>---</b>	<b>---</b>	<b>-895,000</b>	<b>---</b>



COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
<b>DIVISION C - AFGHANISTAN SUPPLEMENTAL APPROPRIATIONS ACT, 2022</b>					
Operation and Maintenance					
Overseas Humanitarian, Disaster, and Civic Aid (emergency).....	2,200,000	---	---	-2,200,000	---
General Provisions - This Title					
Termination costs (Sec. 2204) (emergency).....	---	---	---	---	---
<b>Total, Division C.....</b>	<b>2,200,000</b>	<b>---</b>	<b>---</b>	<b>-2,200,000</b>	<b>---</b>
<b>Total, Extending Government Funding and Delivering Emergency Assistance Act, 2021.....</b>	<b>3,095,000</b>	<b>---</b>	<b>---</b>	<b>-3,095,000</b>	<b>---</b>

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
 AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
 (Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
<b>FURTHER EXTENDING GOVERNMENT FUNDING ACT (P.L. 117-70)</b>					
<b>DIVISION B - ADDITIONAL AFGHANISTAN SUPPLEMENTAL APPROPRIATIONS ACT, 2022</b>					
<b>Military Personnel</b>					
Military Personnel, Army (emergency)	128,000	---	---	-128,000	---
Military Personnel, Navy (emergency)	7,000	---	---	-7,000	---
Military Personnel, Marine Corps (emergency)	32,000	---	---	-32,000	---
Military Personnel, Air Force (emergency)	145,000	---	---	-145,000	---
<b>Total, Military Personnel</b>	<b>312,000</b>	<b>---</b>	<b>---</b>	<b>-312,000</b>	<b>---</b>
<b>Operation and Maintenance</b>					
Overseas Humanitarian, Disaster, and Civic Aid (emergency)	4,000,000	---	---	-4,000,000	---
<b>Total, FURTHER EXTENDING GOVERNMENT FUNDING ACT.</b>	<b>4,312,000</b>	<b>---</b>	<b>---</b>	<b>-4,312,000</b>	<b>---</b>

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill Enacted	Bill vs. Enacted	Bill vs. Request
UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2022 (P.L. 117-103)					
DIVISION N					
Military Personnel					
Military Personnel, Army (emergency).....	130,377	---	---	-130,377	---
Military Personnel, Navy (emergency).....	11,645	---	---	-11,645	---
Military Personnel, Marine Corps (emergency).....	3,079	---	---	-3,079	---
Military Personnel, Air Force (emergency).....	50,396	---	---	-50,396	---
Total.....	195,497	---	---	-195,497	---
Operation and Maintenance					
Operation and Maintenance, Army (emergency).....	1,113,234	---	---	-1,113,234	---
Operation and Maintenance, Navy (emergency).....	202,797	---	---	-202,797	---
Operation and Maintenance, Marine Corps (emergency)...	21,440	---	---	-21,440	---
Operation and Maintenance, Air Force (emergency).....	415,442	---	---	-415,442	---
Operation and Maintenance, Space Force (emergency).....	800	---	---	-800	---
Operation and Maintenance, Defense-Wide (emergency)...	311,583	---	---	-311,583	---
Total.....	2,065,296	---	---	-2,065,296	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
Procurement					
Other Procurement, Air Force (emergency).....	213,693	---	---	-213,693	---
Procurement, Defense-Wide (emergency).....	14,259	---	---	-14,259	---
Total.....	227,952	---	---	-227,952	---
Research, Development, Test and Evaluation					
Research, Development, Test and Evaluation, Navy (emergency).....	31,100	---	---	-31,100	---
Research, Development, Test and Evaluation, Air Force (emergency).....	47,500	---	---	-47,500	---
Research, Development, Test and Evaluation, Defense-Wide (emergency).....	51,745	---	---	-51,745	---
Total.....	130,345	---	---	-130,345	---
Revolving and Management Funds					
Defense Working Capital Funds (emergency).....	409,000	---	---	-409,000	---
General Provisions					
Operation and Maintenance, Defense-Wide (Sec. 2301) (emergency).....	3,500,000	---	---	-3,500,000	---
Total, UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2022..	6,528,090	---	---	-6,528,090	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
<b>ADDITIONAL UKRAINE SUPPLEMENTAL APPROPRIATIONS ACT, 2022 (P.L. 117-128)</b>					
<b>Military Personnel</b>					
Military Personnel, Army (emergency).....	12,750	---	---	-12,750	---
Military Personnel, Navy (emergency).....	38	---	---	-38	---
Military Personnel, Marine Corps (emergency).....	675	---	---	-675	---
Military Personnel, Air Force (emergency).....	1,590	---	---	-1,590	---
<b>Total.....</b>	<b>15,053</b>	<b>---</b>	<b>---</b>	<b>-15,053</b>	<b>---</b>
<b>Operation and Maintenance</b>					
Operation and Maintenance, Army (emergency).....	1,493,532	---	---	-1,493,532	---
Operation and Maintenance, Navy (emergency).....	939,779	---	---	-939,779	---
Operation and Maintenance, Air Force(emergency).....	195,262	---	---	-195,262	---
Operation and Maintenance, Space Force (emergency)....	800	---	---	-800	---
Operation and Maintenance, Defense-Wide (emergency)....	15,256,824	---	---	-15,256,824	---
<b>Total.....</b>	<b>17,886,197</b>	<b>---</b>	<b>---</b>	<b>-17,886,197</b>	<b>---</b>
<b>Procurement</b>					
Missile Procurement, Army (emergency).....	350,970	---	---	-350,970	---
Procurement of Weapons and Tracked Combat Vehicles, Army (emergency).....	255	---	---	-255	---
Procurement of Ammunition, Army (emergency).....	45	---	---	-45	---
Other Procurement, Army (emergency).....	113,440	---	---	-113,440	---
Other Procurement, Navy (emergency).....	1,250	---	---	-1,250	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
Aircraft Procurement, Air Force (emergency).....	28,500	---	---	-28,500	---
Other Procurement, Air Force (emergency).....	155,382	---	---	-155,382	---
Procurement, Defense-Wide (emergency).....	24,218	---	---	-24,218	---
Defense Production Act Purchases (emergency).....	600,000	---	---	-600,000	---
Total.....	1,274,060	---	---	-1,274,060	---
Research, Development, Test and Evaluation					
Research, Development, Test and Evaluation, Army (emergency).....	128,700	---	---	-128,700	---
Research, Development, Test and Evaluation, Navy (emergency).....	43,000	---	---	-43,000	---
Research, Development, Test and Evaluation, Air Force (emergency).....	119,815	---	---	-119,815	---
Research, Development, Test and Evaluation, Defense-Wide (emergency).....	72,103	---	---	-72,103	---
Total.....	363,618	---	---	-363,618	---
Revolving and Management Funds					
Defense Working Capital Funds (emergency).....	965	---	---	-965	---
Other Department of Defense Programs					
Defense Health Program (emergency).....	13,900	---	---	-13,900	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

General Provisions - This Title	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
Critical Munitions(Sec. 201) (emergency).....	500,000	---	---	-500,000	---
Program protection strategies (Sec. 202) (emergency) ..	50,000	---	---	-50,000	---
Total, General Provisions.....	550,000	---	---	-550,000	---
-----					
Total, Additional Ukraine Supplemental Appropriations Act, 2022.....	20,103,793	---	---	-20,103,793	---
-----					
Total, Other Appropriations.....	34,038,883	---	---	-34,038,883	---
-----					
Grand total.....	762,981,882	762,152,123	762,155,000	-826,882	+2,877
Appropriations.....	(732,248,724)	(762,152,123)	(762,871,375)	(+30,622,651)	(+719,252)
Emergency appropriations.....	(34,038,883)	---	---	(-34,038,883)	---
Rescissions.....	(-3,305,725)	---	(-716,375)	(+2,589,350)	(-716,375)
(Transfer Authority).....	(6,179,000)	(8,210,000)	(6,210,000)	(+31,000)	(-2,000,000)

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2022  
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2023  
(Amounts in thousands)

	FY 2022 Enacted	FY 2023 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel.....	166,873,267	173,882,628	173,079,643	+6,206,376	-802,985
Title II - Operation and Maintenance.....	256,288,740	270,208,500	269,360,279	+13,071,539	-848,221
Title III - Procurement.....	144,942,486	144,879,111	143,922,386	-1,020,100	-956,725
Title IV - Research, Development, Test and Evaluation.....	119,211,192	130,097,410	131,667,180	+12,455,988	+1,569,770
Title V - Revolving and Management Funds.....	2,017,000	1,329,895	1,329,895	-687,105	---
Title VI - Other Department of Defense Programs.....	39,808,546	39,327,079	40,469,636	+661,090	+1,142,557
Title VII - Related Agencies.....	1,101,100	1,149,000	1,092,705	-8,395	-56,295
Title VIII - General Provisions.....	-1,299,332	1,278,500	1,233,276	+2,532,608	-45,224
Total, Department of Defense.....	762,981,882	762,152,123	762,155,000	-826,882	+2,877
Total, mandatory and discretionary.....	763,026,882	762,192,123	762,195,000	-831,882	+2,877