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117TH CONGRESS
1st Session

HOUSE OF REPRESENTATIVES

REPORT
117–88

DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2022

R E P O R T

OF THE

COMMITTEE ON APPROPRIATIONS

together with

MINORITY VIEWS

[TO ACCOMPANY H.R. 4432]

JULY 15, 2021.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

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DEPARTMENT OF DEFENSE APPROPRIATIONS BILL, 2022

JULY 15, 2021.—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

together with

MINORITY VIEWS

[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, 2022.

BILL TOTALS

Appropriations for most military functions of the Department of Defense are provided for in the accompanying bill for fiscal year 2022. 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 2022 budget request for activities funded in the Department of Defense Appropriations Act totals $706,197,170,000 in new discretionary budget obligational authority.

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel	157,807,905	167,285,095	166,797,135	+8,989,230	-487,960
Title II - Operation and Maintenance	192,213,468	253,623,852	254,320,053	+62,106,585	+696,201
Title III - Procurement	136,532,968	132,546,005	134,288,195	-2,244,773	+1,742,190
Title IV - Research, Development, Test and Evaluation	107,135,164	111,964,188	110,368,824	+3,233,660	-1,595,364
Title V - Revolving and Management Funds	1,473,910	1,902,000	1,902,000	+428,090	---
Title VI - Other Department of Defense Programs	36,024,275	37,947,030	39,036,247	+3,011,972	+1,089,217
Title VII - Related Agencies	1,147,719	1,148,000	1,076,500	-71,219	-71,500
Title VIII - General Provisions	-4,554,909	250,000	-1,380,954	+3,173,955	-1,630,954
Title IX - Global War on Terrorism (GWOT)	68,650,000	---	---	-68,650,000	---
Total, Department of Defense	696,430,500	706,666,170	706,408,000	+9,977,500	-258,170
Total, mandatory and discretionary	696,475,500	706,711,170	706,453,000	+9,977,500	-258,170

COMMITTEE BUDGET REVIEW PROCESS

During its review of the fiscal year 2022 budget request and execution of appropriations for fiscal year 2021, the Subcommittee on Defense held 18 hearings and one briefing during the period of February 2021 to May 2021. 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 discretionary fiscal year 2022 Department of Defense funding is $705,939,000,000, which is an increase of $9,977,500,000 above the fiscal year 2021 enacted level and $258,170,000 below the budget request.

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 the $705,939,000,000 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 2022 budget request and held 18 hearings and one briefing.

While the budget request was delayed, as is customary in the first year of a new presidential administration, 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 2022 request for the Department of Defense increases funding for modernization, continuing the effort to reorient the focus of the Department from counterterrorism to great power competition with well-equipped peer or near-peer adversaries. The Committee recommendation provides the resources to maintain the technological advantage which currently exists for the United States and provides funding in areas to further these efforts. It is imperative that resources are directed toward capable platforms and weapons that are effective in high-end conflicts. Additionally, the Committee recommendation also reflects the importance placed on the servicemembers and their families who protect American freedoms, providing uniformed and civilian personnel with a 2.7 percent pay raise.

The Committee recommendation includes significant investments to combat climate change, which is an existential threat to national security. The Department estimates that it has spent $8,000,000,000 to remedy the impacts of extreme weather. These events occur with greater frequency, leading to more instances of personnel being unable to train or facilities unable to be used at

installations that lack resiliency. Not only does climate change hamper readiness, but it also increases instability, as rising sea levels, drought, and other weather events constrain resources and forces the movement of people.

With regard to Overseas Contingency Operations (OCO) funding, House Report 116–453 stated, "The OCO experiment has been an abject failure and has given the Department a budgetary relief valve that has allowed it to avoid making difficult decisions." The Committee builds upon that statement by not providing any funding for OCO in fiscal year 2022. Instead of separate base and OCO accounts, all activities will be funded in base accounts, including direct war and enduring requirements. This change will increase transparency and accountability, although it necessitates adding amounts in base and OCO accounts enacted in fiscal year 2021 when comparing to recommended levels in base accounts in fiscal year 2022.

DEFINITION OF PROGRAM, PROJECT, AND ACTIVITY

For the purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99–177), as amended by the Balanced Budget and Emergency Deficit Control Reaffirmation Act of 1987 (Public Law 100–119), and by the Budget Enforcement Act of 1990 (Public Law 101–508), the terms "program, project, and activity" for appropriations contained in this Act shall be defined as the most specific level of budget items identified in the Department of Defense Appropriations Act, 2022, 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 2023, 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 2023.

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 $166,797,135,000 for active, reserve, and National Guard military personnel, a decrease of $487,960,000 below the budget request. The Committee recommendation provides full funding necessary to increase basic pay for all military personnel by 2.7 percent, effective January 1, 2022.

OPERATION AND MAINTENANCE

In title II of the bill, the Committee recommends a total of $254,320,053,000 for operation and maintenance support to the military Services and other Department of Defense entities, an increase of $696,201,000 above the budget request. The recommended levels will fund robust operational training, readiness, and facilities needs in fiscal year 2022.

PROCUREMENT

In title III of the bill, the Committee recommends a total of $134,288,195,000 for procurement, an increase of $1,742,190,000 above the budget request.

Major initiatives and modifications include:

$841,763,000 for the procurement of 33 UH/HH–60M Blackhawk helicopters, an increase of nine helicopters designated for the National Guard;

$494,136,000 for the procurement of 30 remanufactured AH–64 Apache helicopters;

$140,900,000 for an additional five CH–47F Block II Chinook aircraft;

$100,000,000 for additional modernized Army National Guard HMMWVs;

$977,161,000 for the procurement of 12 F/A–18E/F Super Hornet aircraft, an increase of $889,329,000 and 12 aircraft above the President's request;

$1,481,006,000 for the procurement of 11 CH–53K helicopters, an increase of two aircraft and $194,742,000 above the President's request;

$8,535,811,000 for the procurement of 85 F–35 aircraft, an increase of $2,827,000 and the same number of aircraft as the President's request: 17 short take-off and vertical landing variants for the Marine Corps, 20 carrier variants for the Navy and Marine Corps, and 48 conventional variants for the Air Force;

$23,486,398,000 for the procurement of eight Navy ships, including two DDG–51 guided missile destroyers, two SSN–774 attack submarines, one Frigate, one TAO Fleet Oiler, one T–AGOS(X) auxiliary general ocean surveillance ship; and one Towing, Salvage, and Rescue Ship; a total increase of $915,339,000 and one DDG–51 Destroyer above the President's request;

$1,122,087,000 for the procurement of 12 F–15EX aircraft;

$1,355,512,000 for the procurement of 13 C/MC/KC–130J aircraft, an increase of $485,780,000 and four C–130J aircraft above the President's request;

$351,233,000 for the procurement of 12 MQ–9 Reaper unmanned aerial vehicles, an increase of $114,259,000 and six aircraft above the President's request;

$2,315,315,000 for the procurement of 14 KC–46 tanker aircraft;

$792,221,000 for the procurement of 14 combat rescue helicopters;

$1,337,347,000 for the procurement of five space launch services;

$601,418,000 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 $110,368,824,000 for research, development, test and evaluation, a decrease of $1,595,364,000 below the budget request.

Major initiatives and modifications include:

$1,275,355,000 for the continued development of the conventional prompt strike program;

$187,541,000 for the continued development of the Marine Corps ground-based anti-ship missile and long range fires programs;

$2,053,316,000 for the continued development of the F–35 Lightning Joint Strike Fighter aircraft;

$2,872,624,000 for the continued development of the B–21 bomber;

$619,065,000 for the development of a Presidential Aircraft Replacement;

$2,531,602,000 for the development of the Ground Based Strategic Deterrent;

$630,243,000 for the design, build, and test of prototypes for the Army's Future Attack Reconnaissance Aircraft;

$300,928,000 for planning, prototype manufacturing, and testing of the Army's Long Range Hypersonic Weapon;

$264,265,000 for the Global Positioning System IIIF;

$413,766,000 for the Global Positioning System III Operational Control Segment;

$2,451,256,000 for the Next-Generation Overhead Persistent Infrared system;

$3,484,729,000 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 $36,658,536,000 for the Defense Health Program to support worldwide medical and dental services for active forces and other eligible beneficiaries.

DESIGNATED CONGRESSIONAL SPECIAL INTEREST ITEMS

In the explanatory statement accompanying the Department of Defense Appropriations Act, 2021, the Secretary of Defense was directed to limit Department overhead costs on all congressional program increases. The Committee was encouraged that the Army developed a system for tracking overhead costs on congressional program increases, and believes that all of the Services and Defense-Wide agencies should similarly track these costs to ensure that the overwhelming amount of each congressional program increase is used to further the intended program and not simply supplement or supplant established overhead budgets. The Committee also notes that fiscal year 2022 Community Project Funding (CPF) provides valuable resources to community projects with established needs.

The Committee again 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. In addition, the Committee directs the Secretary of Defense to ensure that all CPF project funding is awarded to its intended recipient. The Service Secretaries and the Under Secretary of Defense for Acquisition and Sustainment may request a waiver to these requirements by submitting a prior approval request in writing to the House and Senate Appropriations Committees.

LAW ENFORCEMENT TRAINING

The Committee notes that the Commerce, Justice, Science, and Related Agencies Appropriations Act, 2022 directs the Attorney General to implement training programs to cover the use of force and de-escalation, racial profiling, implicit bias, and procedural justice, to include training on the duty of federal law enforcement officers to intervene in cases where another law enforcement officer is using excessive force, and make such training a requirement for federal law enforcement officers. The Committee further notes that each of the Services, the civilian entities that provide security, and the Pentagon Force Protection Agency (PFPA) funded by this Act are considered federal law enforcement officers and Federal Law Enforcement Training Centers partner organizations. The Committee directs the Secretary of Defense, the Service Secretaries, the civilian entities, and the PFPA to adopt and follow the training programs implemented by the Attorney General, and to make such training a requirement for its federal law enforcement officers and any contractors providing security. The Committee further directs the Secretary of Defense, the Service Secretaries, and the PFPA to brief the House and the Senate Appropriations Committees on their efforts relating to training not later than 90 days after the enactment of this Act. In addition, the Committee directs the Service Secretaries, the civilian entities, and the PFPA, to the extent that each have not already done so, to develop policies and procedures to submit their use of force data to the Federal Bureau of Investigation (FBI)'s National Use of Force Data Collection database. The Committee further directs the Secretary of Defense and the Service Secretaries to brief the House and the Senate Appropriations Committees not later than 90 days after the enactment of this Act on their current efforts to tabulate and submit its use of force data to the FBI.

LITTORAL COMBAT SHIPS

The Committee recommendation includes a general provision which allows for the decommissioning of only the USS Coronado. The Committee is disappointed that the Navy has planned to decommission two ships, the USS Detroit and the USS Little Rock, that are five and four years old, respectively. The Committee believes this is a misuse of taxpayer funds and 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 on specific plans and missions for the USS Fort Worth, the USS Detroit, and the USS Little Rock in the fiscal year 2023 budget request.

OVERSEAS CONTINGENCY OPERATIONS

The Committee supports the elimination of overseas contingency operations funding in the Department of Defense budget, as proposed in the budget request. This change will increase transparency and accountability for funds appropriated by Congress.

MISSILE DEFENSE OF GUAM

The fiscal year 2022 budget request includes $118,300,000 for the initial development of survivable and operationally effective inte-

grated air and missile defenses for Guam. While supportive of the defense of Guam from ballistic, hypersonic, and cruise missile threats, the Committee notes that the report on the defense of Guam from integrated air and missile threats, required by the National Defense Authorization Act for Fiscal Year 2021, has not yet been submitted to the congressional defense committees. Additionally, the lack of detailed information on the budget request, especially the request for $40,000,000 in procurement, is troubling. Therefore, the Committee has denied funding for procurement and reduced the amount recommended for research, development, test and evaluation until the Department submits the required report and adequate budgetary information for the Committee to make informed funding decisions on these efforts.

ANOMALOUS HEALTH INCIDENTS/HAVANA SYNDROME

The Committee is concerned by reports of adverse health incidents and their origins affecting United States government personnel abroad. Victims should receive prompt and appropriate medical care and related support without unnecessary delays or bureaucratic obstacles. The Committee is concerned that the victims of anomalous health incidents, who serve or have served across the federal government, have been afforded inconsistent access to treatment.

The Committee directs the Secretary of Defense to provide a report to the congressional defense and intelligence committees not later than 30 days after the enactment of this Act on the prompt provision of adequate medical care and related support to personnel affected by anomalous health incidents, as well as any affected family members. The report shall include the roles and responsibilities of the Department of Defense, and those of the interagency, in evaluating and treating impacted personnel; the plan for the Department to better manage incidences of care to more effectively and efficiently treat patients based on geography and health conditions; and the resources required by the Department to ensure adequate evaluation and treatment of impacted personnel, including the most appropriate model by which interagency partners reimburse the Department for medical services provided to interagency personnel. The Committee understands the hesitancy of some personnel to self-report and urges the Secretary of Defense and interagency leaders to engage affected populations to ensure care can be provided expeditiously.

The Committee directs the Secretary of Defense, in coordination with appropriate stakeholders across the interagency, to ensure that all intelligence and health information related to anomalous health incidents is shared and appropriately disseminated within proper channels in a timely manner, and to provide a briefing to the congressional defense and intelligence committees on a monthly basis on the status of the executive branch's activities related to treating anomalous health incidents, including medical treatment, investigation of their origins, and any new incidents reported across any agency.

SHIPYARD DOMESTIC INDUSTRIAL BASE

The Committee supports the Navy's efforts to procure domestically sourced industrial and marine gear drives, motors, and gen-

erators; industrial cranes; and associated maintenance and installation services for use in Navy public shipyards. The Committee directs the Secretary of the Navy to conduct a study examining the economic impact on domestic suppliers and their supply chains that would arise from the application of a domestic content requirement to manufactured articles, materials, supplies, and services. The Secretary of the Navy shall prioritize critical items, including but not limited to those previously mentioned, for executing construction at the four shipyards under the Shipyard Infrastructure Optimization Program. The analysis shall include possible expansion of Buy America laws to the prioritized procurements. The Committee further directs the Secretary of the Navy to provide a report on the study's findings to the congressional defense committees not later than 180 days after the enactment of this Act.

TITLE I

MILITARY PERSONNEL

The fiscal year 2022 Department of Defense military personnel budget request totals $167,285,095,000. The Committee recommendation provides $166,797,135,000 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	47,973,824	47,875,354	-98,470
MILITARY PERSONNEL, NAVY	35,496,879	35,458,629	-38,250
MILITARY PERSONNEL, MARINE CORPS	14,748,337	14,595,837	-152,500
MILITARY PERSONNEL, AIR FORCE	35,047,901	35,016,131	-31,770
RESERVE PERSONNEL, ARMY	5,229,805	5,172,805	-57,000
RESERVE PERSONNEL, NAVY	2,316,934	2,294,229	-22,705
RESERVE PERSONNEL, MARINE CORPS	881,909	866,219	-15,690
RESERVE PERSONNEL, AIR FORCE	2,386,013	2,374,433	-11,580
NATIONAL GUARD PERSONNEL, ARMY	9,051,344	8,988,044	-63,300
NATIONAL GUARD PERSONNEL, AIR FORCE	4,814,974	4,818,279	+3,305
GRAND TOTAL, TITLE I, MILITARY PERSONNEL	157,947,920	157,459,960	-487,960
GRAND TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	9,337,175	9,337,175	---
GRAND TOTAL, MILITARY PERSONNEL	167,285,095	166,797,135	-487,960

MILITARY PERSONNEL OVERVIEW

The Committee recommendation provides $166,797,135,000 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 2.7 percent, effective January 1, 2022. The Committee continues to encourage constructive evaluations of recruitment and retention programs, bonus and special pay incentives, and personnel benefit programs for fiscal year 2022. 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 2022 budget request includes a decrease of 1,975 in total end strength for the active forces and a decrease of 2,500 in total end strength for the Selected Reserve as compared to the fiscal year 2021 authorized levels. The following tables summarize the Committee recommendations for end strength levels, both in the aggregate and for each active and Selected Reserve component.

OVERALL ACTIVE END STRENGTH

Fiscal year 2021 authorized	1,348,375
Fiscal year 2022 budget request	1,346,400
Fiscal year 2022 recommendation	1,346,400
Compared with fiscal year 2021	−1,975
Compared with fiscal year 2022 budget request	− − −

OVERALL SELECTED RESERVE END STRENGTH

Fiscal year 2021 authorized	802,000
Fiscal year 2022 budget request	799,500
Fiscal year 2022 recommendation	799,500
Compared with fiscal year 2021	−2,500
Compared with fiscal year 2022 budget request	− − −

SUMMARY OF MILITARY PERSONNEL END STRENGTH

	Fiscal year 2022				
	Fiscal year 2021 authorized	Budget Request	Committee Recommended	Change from request	Change from fiscal year 2021
Active Forces (End Strength)					
Army	485,900	485,000	485,000	– – –	−900
Navy	347,800	346,200	346,200	– – –	−1,600
Marine Corps	181,200	178,500	178,500	– – –	−2,700
Air Force	333,475	328,300	328,300	– – –	−5,175
Space Force	– – –	8,400	8,400	– – –	8,400
Total, Active Forces	1,348,375	1,346,400	1,346,400	– – –	−1,975
Guard and Reserve Forces (End Strength)					
Army Reserve	189,800	189,500	189,500	– – –	−300
Navy Reserve	58,800	58,600	58,600	– – –	−200
Marine Corps Reserve	38,500	36,800	36,800	– – –	−1,700
Air Force Reserve	70,300	70,300	70,300	– – –	0
Army National Guard	336,500	336,000	336,000	– – –	−500
Air National Guard	108,100	108,300	108,300	– – –	200
Total, Selected Reserve	802,000	799,500	799,500	– – –	−2,500
Total, Military Personnel	2,150,375	2,145,900	2,145,900	0	−4,475

REPROGRAMMING GUIDANCE FOR MILITARY PERSONNEL ACCOUNTS

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2022 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 Subcommittees.

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.

SKILLBRIDGE PROGRAMS

The Committee is encouraged by the Department's efforts to incorporate SkillBridge programs for transitioning servicemembers and recognizes the positive impact the program has among veterans. However, the Committee is concerned with the dispropor-

tionate demographics of participants, primarily the lack of some enlisted servicemembers' participation in the programs. The Committee directs the Service Secretaries to review policies that may preclude some enlisted servicemembers from having the opportunity to attend SkillBridge programs and to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act on the demographics of eligible and participating servicemembers in the SkillBridge program by Service, rank, and occupation; barriers to servicemembers' participation in the program; and recommendations to close the participation gap.

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.

EXTREMISM IN THE MILITARY

In March 2021, the Office of the Director of National Intelligence released an assessment which 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. Fur-

ther, the assessment found that false narratives such as fraud in the recent 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 October 2020 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.

While senior leaders in the Department of Defense and the Services are speaking candidly about the threat of extremist ideologies in their ranks, their efforts to make serious strides are undoubtedly hamstrung by the lack of definition of "extremism" and "extremist activities" in Department policy. The Department's efforts to address this threat are further 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. Undoubtedly, the programs the Department establishes in the coming months aimed at preventing and responding to extremist ideology among servicemembers will be a critical part of what should be a holistic approach to this complex problem.

As the Department begins to implement the first 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 90 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.

SEXUAL ASSAULT PREVENTION AND RESPONSE

The Committee believes that 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 Independent Review Commission on Sexual Assault and Sexual Harassment recently completed its work and delivered its findings and recommendations to the Secretary of Defense. The Commission's work focused on holding perpetrators accountable, preventing sexual assault before it occurs, improving the military's climate and culture, and victim care and support. The Committee directs the Secretary of Defense, in coordination with the Service Secretaries, to submit a report to the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act on its progress in implementing the Commission's recommendations and provide the funding requirements for each effort.

The Committee recommendation includes $442,653,000, an increase of $54,500,000 above the budget request, for sexual assault prevention and response programs. This recommendation includes $7,500,000 above the request for the Sexual Assault Prevention and Response Office and an additional $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 guardsmen and reservists 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 2020. 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.

MILITARY PERSONNEL, ARMY

Fiscal year 2022 budget request	$47,973,824,000
Committee recommendation	47,875,354,000
Change from budget request	−98,470,000

The Committee recommends an appropriation of $47,875,354,000 for Military Personnel, Army which will provide the following program in fiscal year 2022:

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	MILITARY PERSONNEL, ARMY			
	ACTIVITY 1: PAY AND ALLOWANCES OF OFFICERS			
5	BASIC PAY	8,209,572	8,209,572	---
10	RETIRED PAY ACCRUAL	2,846,910	2,846,910	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	83,231	83,231	---
25	BASIC ALLOWANCE FOR HOUSING	2,366,346	2,366,346	---
30	BASIC ALLOWANCE FOR SUBSISTENCE	318,174	318,174	---
35	INCENTIVE PAYS	84,496	84,496	---
40	SPECIAL PAYS	408,728	408,728	---
45	ALLOWANCES	208,786	208,786	---
50	SEPARATION PAY	62,128	62,128	---
55	SOCIAL SECURITY TAX	626,400	626,400	---
	TOTAL, BUDGET ACTIVITY 1	15,214,771	15,214,771	---
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	15,218,575	15,218,575	---
65	RETIRED PAY ACCRUAL	5,277,193	5,277,193	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	185,285	185,285	---
80	BASIC ALLOWANCE FOR HOUSING	5,026,104	5,026,104	---
85	INCENTIVE PAYS	90,396	90,396	---
90	SPECIAL PAYS	886,738	886,738	---
95	ALLOWANCES	756,814	756,814	---
100	SEPARATION PAY	276,456	276,456	---
105	SOCIAL SECURITY TAX	1,164,221	1,164,221	---
	TOTAL, BUDGET ACTIVITY 2	28,881,782	28,881,782	---
	ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
110	ACADEMY CADETS	94,375	94,375	---
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	1,406,620	1,406,620	---
120	SUBSISTENCE-IN-KIND	824,921	824,921	---
	TOTAL, BUDGET ACTIVITY 4	2,231,541	2,231,541	---

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	131,239	131,239	---
130	TRAINING TRAVEL	145,625	145,625	---
135	OPERATIONAL TRAVEL	409,167	409,167	---
140	ROTATIONAL TRAVEL	648,299	648,299	---
145	SEPARATION TRAVEL	214,571	214,571	---
150	TRAVEL OF ORGANIZED UNITS	2,407	2,407	---
155	NON-TEMPORARY STORAGE	9,037	9,037	---
160	TEMPORARY LODGING EXPENSE	49,868	49,868	---
	TOTAL, BUDGET ACTIVITY 5	1,610,213	1,610,213	---
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	245	245	---
175	INTEREST ON UNIFORMED SERVICES SAVINGS	3,442	3,442	---
180	DEATH GRATUITIES	49,000	49,000	---
185	UNEMPLOYMENT BENEFITS	69,125	69,125	---
195	EDUCATION BENEFITS	15	15	---
200	ADOPTION EXPENSES	426	426	---
210	TRANSPORTATION SUBSIDY	11,736	11,736	---
215	PARTIAL DISLOCATION ALLOWANCE	78	78	---
216	SGLI EXTRA HAZARD PAYMENTS (ROTC)	6,650	6,650	---
217	RESERVE OFFICERS TRAINING CORPS (ROTC)	104,727	104,727	---
218	JUNIOR ROTC	33,992	33,992	---
	TOTAL, BUDGET ACTIVITY 6	279,436	279,436	---
	LESS REIMBURSABLES	-338,294	-338,294	---
	UNDISTRIBUTED ADJUSTMENT	---	-98,470	-98,470
	TOTAL, TITLE I, MILITARY PERSONNEL, ARMY	47,973,824	47,875,354	-98,470
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	2,622,860	2,622,860	---
	TOTAL, MILITARY PERSONNEL, ARMY	50,596,684	50,498,214	-98,470

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-98,470**	**-98,470**
Historical unobligated balances		-98,470	

MILITARY PERSONNEL, NAVY

Fiscal year 2022 budget request	$35,496,879,000
Committee recommendation	35,458,629,000
Change from budget request	−38,250,000

The Committee recommends an appropriation of $35,458,629,000 for Military Personnel, Navy which will provide the following program in fiscal year 2022:

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	4,927,327	4,927,327	---
10	RETIRED PAY ACCRUAL	1,722,160	1,722,160	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	93,769	93,769	---
25	BASIC ALLOWANCE FOR HOUSING	1,772,341	1,772,341	---
30	BASIC ALLOWANCE FOR SUBSISTENCE	184,764	184,764	---
35	INCENTIVE PAYS	158,262	158,262	---
40	SPECIAL PAYS	471,491	471,491	---
45	ALLOWANCES	118,872	118,872	---
50	SEPARATION PAY	45,642	45,642	---
55	SOCIAL SECURITY TAX	375,786	375,786	---
	TOTAL, BUDGET ACTIVITY 1	9,870,414	9,870,414	---
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	11,273,463	11,273,463	---
65	RETIRED PAY ACCRUAL	3,939,197	3,939,197	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	158,537	158,537	---
80	BASIC ALLOWANCE FOR HOUSING	5,389,737	5,389,737	---
85	INCENTIVE PAYS	117,064	117,064	---
90	SPECIAL PAYS	1,094,765	1,094,765	---
95	ALLOWANCES	553,624	553,624	---
100	SEPARATION PAY	106,949	106,949	---
105	SOCIAL SECURITY TAX	862,420	862,420	---
	TOTAL, BUDGET ACTIVITY 2	23,495,756	23,495,756	---
	ACTIVITY 3: PAY AND ALLOWANCES OF MIDSHIPMEN			
110	MIDSHIPMEN	96,001	96,001	---
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	929,731	929,731	---
120	SUBSISTENCE-IN-KIND	440,871	440,871	---
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	5	5	---
	TOTAL, BUDGET ACTIVITY 4	1,370,607	1,370,607	---

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	96,429	96,429	---
130	TRAINING TRAVEL	141,196	141,196	---
135	OPERATIONAL TRAVEL	285,424	285,424	---
140	ROTATIONAL TRAVEL	241,054	241,054	---
145	SEPARATION TRAVEL	164,724	164,724	---
150	TRAVEL OF ORGANIZED UNITS	30,229	30,229	---
155	NON-TEMPORARY STORAGE	15,647	15,647	---
160	TEMPORARY LODGING EXPENSE	20,926	20,926	---
	TOTAL, BUDGET ACTIVITY 5	995,629	995,629	---
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	41	41	---
175	INTEREST ON UNIFORMED SERVICES SAVINGS	1,144	1,144	---
180	DEATH GRATUITIES	22,400	22,400	---
185	UNEMPLOYMENT BENEFITS	48,897	48,897	---
195	EDUCATION BENEFITS	1,638	1,638	---
200	ADOPTION EXPENSES	185	185	---
210	TRANSPORTATION SUBSIDY	2,906	2,906	---
215	PARTIAL DISLOCATION ALLOWANCE	40	40	---
216	SGLI EXTRA HAZARD PAYMENTS	488	488	---
217	RESERVE OFFICERS TRAINING CORPS (ROTC)	23,072	23,072	---
218	JUNIOR ROTC	15,891	15,891	---
	TOTAL, BUDGET ACTIVITY 6	116,702	116,702	---
	LESS REIMBURSABLES	-448,230	-448,230	---
	UNDISTRIBUTED ADJUSTMENT	---	-38,250	-38,250
	TOTAL, TITLE I, MILITARY PERSONNEL, NAVY	35,496,879	35,458,629	-38,250
300	HEALTH CARE CONTRIBUTION - OFFICERS	308,883	308,883	---
300	HEALTH CARE CONTRIBUTION - ENLISTED	1,579,453	1,579,453	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	1,888,336	1,888,336	---
	TOTAL, MILITARY PERSONNEL, NAVY	39,273,551	39,235,301	-38,250

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-38,250**	**-38,250**
Historical unobligated balances		-38,250	

MILITARY PERSONNEL, MARINE CORPS

Fiscal year 2022 budget request	$14,748,337,000
Committee recommendation	14,595,837,000
Change from budget request	−152,500,000

The Committee recommends an appropriation of $14,595,837,000 for Military Personnel, Marine Corps which will provide the following program in fiscal year 2022:

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	1,822,259	1,822,259	---
10	RETIRED PAY ACCRUAL	638,312	638,312	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	29,328	29,328	---
25	BASIC ALLOWANCE FOR HOUSING	584,652	584,652	---
30	BASIC ALLOWANCE FOR SUBSISTENCE	71,744	71,744	---
35	INCENTIVE PAYS	53,379	53,379	---
40	SPECIAL PAYS	6,111	6,111	---
45	ALLOWANCES	34,778	34,778	---
50	SEPARATION PAY	15,534	15,534	---
55	SOCIAL SECURITY TAX	136,029	136,029	---
	TOTAL, BUDGET ACTIVITY 1	3,392,126	3,392,126	---
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	5,419,211	5,419,211	---
65	RETIRED PAY ACCRUAL	1,897,892	1,897,892	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	122,101	122,101	---
80	BASIC ALLOWANCE FOR HOUSING	1,619,516	1,619,516	---
85	INCENTIVE PAYS	8,359	8,359	---
90	SPECIAL PAYS	194,305	194,305	---
95	ALLOWANCES	297,513	297,513	---
100	SEPARATION PAY	120,018	120,018	---
105	SOCIAL SECURITY TAX	414,220	414,220	---
	TOTAL, BUDGET ACTIVITY 2	10,093,135	10,093,135	---
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	424,809	424,809	---
120	SUBSISTENCE-IN-KIND	358,425	358,425	---
121	FAMILY SUBSISTENCE SUPPLEMENTAL ALLOWANCE	10	10	---
	TOTAL, BUDGET ACTIVITY 4	783,244	783,244	---

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	55,547	55,547	---
130	TRAINING TRAVEL	17,705	17,705	---
135	OPERATIONAL TRAVEL	161,828	161,828	---
140	ROTATIONAL TRAVEL	116,628	116,628	---
145	SEPARATION TRAVEL	79,435	79,435	---
150	TRAVEL OF ORGANIZED UNITS	734	734	---
155	NON-TEMPORARY STORAGE	12,156	12,156	---
160	TEMPORARY LODGING EXPENSE	2,461	2,461	---
165	OTHER	2,231	2,231	---
	TOTAL, BUDGET ACTIVITY 5	448,725	448,725	---
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	234	234	---
175	INTEREST ON UNIFORMED SERVICES SAVINGS	124	124	---
180	DEATH GRATUITIES	13,000	13,000	---
185	UNEMPLOYMENT BENEFITS	39,643	39,643	---
200	ADOPTION EXPENSES	94	94	---
210	TRANSPORTATION SUBSIDY	1,475	1,475	---
215	PARTIAL DISLOCATION ALLOWANCE	90	90	---
216	SGLI EXTRA HAZARD PAYMENTS	1,964	1,964	---
218	JUNIOR ROTC	3,889	3,889	---
	TOTAL, BUDGET ACTIVITY 6	60,513	60,513	---
	LESS REIMBURSABLES	-29,406	-29,406	---
	UNDISTRIBUTED ADJUSTMENT	---	-152,500	-152,500
	TOTAL, TITLE I, MILITARY PERSONNEL, MARINE CORPS	14,748,337	14,595,837	-152,500
300	HEALTH CARE CONTRIBUTION - OFFICERS	120,829	120,829	---
300	HEALTH CARE CONTRIBUTION - ENLISTED	872,569	872,569	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	993,398	993,398	---
	TOTAL, MILITARY PERSONNEL, MARINE CORPS	16,735,133	16,582,633	-152,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-152,500**	**-152,500**
Historical unobligated balances		-152,500	

MILITARY PERSONNEL, AIR FORCE

Fiscal year 2022 budget request	$35,047,901,000
Committee recommendation	35,016,131,000
Change from budget request	−31,770,000

The Committee recommends an appropriation of $35,016,131,000 for Military Personnel, Air Force which will provide the following program in fiscal year 2022:

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	5,921,052	5,921,052	---
10	RETIRED PAY ACCRUAL	2,051,100	2,051,100	---
11	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	74,304	74,304	---
25	BASIC ALLOWANCE FOR HOUSING	1,741,048	1,741,048	---
30	BASIC ALLOWANCE FOR SUBSISTENCE	219,395	219,395	---
35	INCENTIVE PAYS	385,666	385,666	---
40	SPECIAL PAYS	358,094	358,094	---
45	ALLOWANCES	129,427	129,427	---
50	SEPARATION PAY	39,320	39,320	---
55	SOCIAL SECURITY TAX	452,226	452,226	---
	TOTAL, BUDGET ACTIVITY 1	11,371,632	11,371,632	---
	ACTIVITY 2: PAY AND ALLOWANCES OF ENLISTED PERSONNEL			
60	BASIC PAY	10,894,939	10,894,939	---
65	RETIRED PAY ACCRUAL	3,779,181	3,779,181	---
66	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS	110,413	110,413	---
80	BASIC ALLOWANCE FOR HOUSING	4,460,507	4,460,507	---
85	INCENTIVE PAYS	66,323	66,323	---
90	SPECIAL PAYS	388,852	388,852	---
95	ALLOWANCES	623,044	623,044	---
100	SEPARATION PAY	105,298	105,298	---
105	SOCIAL SECURITY TAX	833,463	833,463	---
	TOTAL, BUDGET ACTIVITY 2	21,262,020	21,262,020	---
	ACTIVITY 3: PAY AND ALLOWANCES OF CADETS			
110	ACADEMY CADETS	88,069	88,069	---
	ACTIVITY 4: SUBSISTENCE OF ENLISTED PERSONNEL			
115	BASIC ALLOWANCE FOR SUBSISTENCE	1,183,075	1,183,075	---
120	SUBSISTENCE-IN-KIND	273,607	273,607	---
	TOTAL, BUDGET ACTIVITY 4	1,456,682	1,456,682	---

MILITARY PERSONNEL
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	ACTIVITY 5: PERMANENT CHANGE OF STATION			
125	ACCESSION TRAVEL	97,861	97,861	---
130	TRAINING TRAVEL	57,592	57,592	---
135	OPERATIONAL TRAVEL	353,015	353,015	---
140	ROTATIONAL TRAVEL	489,495	489,495	---
145	SEPARATION TRAVEL	144,714	144,714	---
150	TRAVEL OF ORGANIZED UNITS	2,682	2,682	---
155	NON-TEMPORARY STORAGE	27,039	27,039	---
160	TEMPORARY LODGING EXPENSE	35,715	35,715	---
	TOTAL, BUDGET ACTIVITY 5	1,208,113	1,208,113	---
	ACTIVITY 6: OTHER MILITARY PERSONNEL COSTS			
170	APPREHENSION OF MILITARY DESERTERS	29	29	---
175	INTEREST ON UNIFORMED SERVICES SAVINGS	2,065	2,065	---
180	DEATH GRATUITIES	17,500	17,500	---
185	UNEMPLOYMENT BENEFITS	26,111	26,111	---
195	EDUCATION BENEFITS	16	16	---
200	ADOPTION EXPENSES	416	416	---
210	TRANSPORTATION SUBSIDY	2,800	2,800	---
215	PARTIAL DISLOCATION ALLOWANCE	783	783	---
216	SGLI EXTRA HAZARD PAYMENTS	4,981	4,981	---
217	RESERVE OFFICERS TRAINING CORPS (ROTC)	44,585	44,585	---
218	JUNIOR ROTC	18,783	18,783	---
	TOTAL, BUDGET ACTIVITY 6	118,069	118,069	---
	LESS REIMBURSABLES	-456,684	-456,684	---
	UNDISTRIBUTED ADJUSTMENT	---	-31,770	-31,770
	TOTAL, TITLE I, MILITARY PERSONNEL, AIR FORCE	35,047,901	35,016,131	-31,770
300	HEALTH CARE CONTRIBUTION - OFFICERS	355,853	355,853	---
300	HEALTH CARE CONTRIBUTION - ENLISTED	1,468,087	1,468,087	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375)	1,823,940	1,823,940	---
	TOTAL, MILITARY PERSONNEL, AIR FORCE	38,695,781	38,664,011	-31,770

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-31,770**	**-31,770**
Historical unobligated balances		-31,770	

RESERVE PERSONNEL, ARMY

Fiscal year 2022 budget request	$5,229,805,000
Committee recommendation	5,172,805,000
Change from budget request	−57,000,000

The Committee recommends an appropriation of $5,172,805,000 for Reserve Personnel, Army which will provide the following program in fiscal year 2022:

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).....	1,676,861	1,676,861	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	56,123	56,123	---
30	PAY GROUP F TRAINING (RECRUITS).....	217,116	217,116	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	5,006	5,006	---
60	MOBILIZATION TRAINING.....	4,333	4,333	---
70	SCHOOL TRAINING.....	236,971	236,971	---
80	SPECIAL TRAINING.....	368,618	368,618	---
90	ADMINISTRATION AND SUPPORT.....	2,520,000	2,520,000	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	23,447	23,447	---
100	EDUCATION BENEFITS.....	18,122	18,122	---
120	HEALTH PROFESSION SCHOLARSHIP.....	64,313	64,313	---
130	OTHER PROGRAMS.....	38,895	38,895	---
	TOTAL, BUDGET ACTIVITY 1.....	5,229,805	5,229,805	---
	UNDISTRIBUTED ADJUSTMENT.....	---	-57,000	-57,000
	TOTAL, TITLE I, RESERVE PERSONNEL, ARMY.....	5,229,805	5,172,805	-57,000
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	459,994	459,994	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	459,994	459,994	---
	TOTAL, RESERVE PERSONNEL, ARMY.....	6,149,793	6,092,793	-57,000

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-57,000**	**-57,000**
Historical unobligated balances		-57,000	

RESERVE PERSONNEL, NAVY

Fiscal year 2022 budget request	$2,316,934,000
Committee recommendation	2,294,229,000
Change from budget request	−22,705,000

The Committee recommends an appropriation of $2,294,229,000 for Reserve Personnel, Navy which will provide the following program in fiscal year 2022:

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).....	759,809	759,809	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	8,672	8,672	---
30	PAY GROUP F TRAINING (RECRUITS).....	51,024	51,024	---
60	MOBILIZATION TRAINING.....	13,289	13,289	---
70	SCHOOL TRAINING.....	64,775	64,775	---
80	SPECIAL TRAINING.....	151,665	151,665	---
90	ADMINISTRATION AND SUPPORT.....	1,201,916	1,201,916	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	6,330	6,330	---
100	EDUCATION BENEFITS.....	76	76	---
120	HEALTH PROFESSION SCHOLARSHIP.....	59,378	59,378	---
	TOTAL, BUDGET ACTIVITY 1.....	2,316,934	2,316,934	---
	UNDISTRIBUTED ADJUSTMENT.....	---	-22,705	-22,705
	TOTAL, TITLE I, RESERVE PERSONNEL, NAVY.....	2,316,934	2,294,229	-22,705
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	160,129	160,129	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	160,129	160,129	---
	TOTAL, RESERVE PERSONNEL, NAVY.....	2,637,192	2,614,487	-22,705

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-22,705**	**-22,705**
Historical unobligated balances		-22,705	

RESERVE PERSONNEL, MARINE CORPS

Fiscal year 2022 budget request	$881,909,000
Committee recommendation	866,219,000
Change from budget request	−15,690,000

The Committee recommends an appropriation of $866,219,000 for Reserve Personnel, Marine Corps which will provide the following program in fiscal year 2022:

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).....	289,423	289,423	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACT DUTY).....	48,270	48,270	---
30	PAY GROUP F TRAINING (RECRUITS).....	149,202	149,202	---
60	MOBILIZATION TRAINING.....	2,582	2,582	---
70	SCHOOL TRAINING.....	24,192	24,192	---
80	SPECIAL TRAINING.....	58,744	58,744	---
90	ADMINISTRATION AND SUPPORT.....	291,551	291,551	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	5,291	5,291	---
95	PLATOON LEADER CLASS.....	8,973	8,973	---
100	EDUCATION BENEFITS.....	3,681	3,681	---
	TOTAL, BUDGET ACTIVITY 1.....	881,909	881,909	---
	UNDISTRIBUTED ADJUSTMENT.....	---	-15,690	-15,690
	TOTAL, TITLE I, RESERVE PERSONNEL, MARINE CORPS.....	881,909	866,219	-15,690
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	85,716	85,716	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	85,716	85,716	---
	TOTAL, RESERVE PERSONNEL, MARINE CORPS.....	1,053,341	1,037,651	-15,690

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-15,690**	**-15,690**
Historical unobligated balances		-15,690	

RESERVE PERSONNEL, AIR FORCE

Fiscal year 2022 budget request	$2,386,013,000
Committee recommendation	2,374,433,000
Change from budget request	−11,580,000

The Committee recommends an appropriation of $2,374,433,000 for Reserve Personnel, Air Force which will provide the following program in fiscal year 2022:

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).....	735,341	735,341	---
20	PAY GROUP B TRAINING (BACKFILL FOR ACTIVE DUTY).....	112,532	112,532	---
30	PAY GROUP F TRAINING (RECRUITS).....	68,252	68,252	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	4,235	4,235	---
60	MOBILIZATION TRAINING.....	599	599	---
70	SCHOOL TRAINING.....	197,290	197,290	---
80	SPECIAL TRAINING.....	357,457	357,457	---
90	ADMINISTRATION AND SUPPORT.....	827,431	827,431	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	6,289	6,289	---
100	EDUCATION BENEFITS.....	12,845	12,845	---
120	HEALTH PROFESSION SCHOLARSHIP.....	60,895	60,895	---
130	OTHER PROGRAMS (ADMIN & SUPPORT).....	2,847	2,847	---
	TOTAL, BUDGET ACTIVITY 1.....	2,386,013	2,386,013	---
	UNDISTRIBUTED ADJUSTMENT.....	---	-11,580	-11,580
	TOTAL, TITLE I, RESERVE PERSONNEL, AIR FORCE.....	2,386,013	2,374,433	-11,580
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	168,959	168,959	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	168,959	168,959	---
	TOTAL, RESERVE PERSONNEL, AIR FORCE.....	2,723,931	2,712,351	-11,580

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
UNDISTRIBUTED ADJUSTMENT		**-11,580**	**-11,580**
Historical unobligated balances		-11,580	

NATIONAL GUARD PERSONNEL, ARMY

Fiscal year 2022 budget request	$9,051,344,000
Committee recommendation	8,988,044,000
Change from budget request	−63,300,000

The Committee recommends an appropriation of $8,988,044,000 for National Guard Personnel, Army which will provide the following program in fiscal year 2022:

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).....	2,746,281	2,746,281	---
30	PAY GROUP F TRAINING (RECRUITS).....	561,111	561,111	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	46,286	46,286	---
70	SCHOOL TRAINING.....	543,332	543,332	---
80	SPECIAL TRAINING.....	822,161	841,261	+19,100
90	ADMINISTRATION AND SUPPORT.....	4,241,094	4,241,094	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	41,514	41,514	---
100	EDUCATION BENEFITS.....	49,565	49,565	---
	TOTAL, BUDGET ACTIVITY 1.....	9,051,344	9,070,444	+19,100
	UNDISTRIBUTED ADJUSTMENT.....	---	-82,400	-82,400
	TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, ARMY.....	9,051,344	8,988,044	-63,300
300	HEALTH CARE CONTRIBUTION - RESERVE COMPONENT.....	819,504	819,504	---
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	819,504	819,504	---
	TOTAL, NATIONAL GUARD PERSONNEL, ARMY.....	10,690,352	10,627,052	-63,300

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
SPECIAL TRAINING	**822,161**	**841,261**	**19,100**
Program increase - State Partnership Program		7,900	
Program increase - trauma training		1,200	
Program increase - Northern Strike		10,000	
UNDISTRIBUTED ADJUSTMENT		**-82,400**	**-82,400**
Historical unobligated balances		-82,400	

NATIONAL GUARD PERSONNEL, AIR FORCE

Fiscal year 2022 budget request	$4,814,974,000
Committee recommendation	4,818,279,000
Change from budget request	+3,305,000

The Committee recommends an appropriation of $4,818,279,000 for National Guard Personnel, Air Force which will provide the following program in fiscal year 2022:

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).....	920,210	920,210	---
30	PAY GROUP F TRAINING (RECRUITS).....	110,398	110,398	---
40	PAY GROUP P TRAINING (PIPELINE RECRUITS).....	5,822	5,822	---
70	SCHOOL TRAINING.....	350,965	350,965	---
80	SPECIAL TRAINING.....	245,388	265,988	+20,600
90	ADMINISTRATION AND SUPPORT.....	3,154,646	3,154,646	---
94	THRIFT SAVINGS PLAN MATCHING CONTRIBUTIONS.....	15,172	15,172	---
100	EDUCATION BENEFITS.....	12,373	12,373	---
	TOTAL, BUDGET ACTIVITY 1.....	4,814,974	4,835,574	+20,600
	UNDISTRIBUTED ADJUSTMENT.....	---	-17,295	-17,295
	TOTAL, TITLE I, NATIONAL GUARD PERSONNEL, AIR FORCE.	4,814,974	4,818,279	+3,305
	TOTAL, TRICARE ACCRUAL PAYMENTS (PERMANENT, INDEFINITE AUTHORITY)(PUBLIC LAW 108-375).....	314,339	314,339	---
	TOTAL, NATIONAL GUARD PERSONNEL, AIR FORCE.....	5,129,313	5,132,618	+3,305

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

M-1	Budget Request	Committee Recommended	Change from Request
SPECIAL TRAINING	**245,388**	**265,988**	**20,600**
Program increase - State Partnership Program		2,500	
Program increase - critical skillsets crosstraining		3,000	
Program increase - RC-26B		12,700	
Program increase - trauma training		2,400	
UNDISTRIBUTED ADJUSTMENT		**-17,295**	**-17,295**
Historical unobligated balances		-17,295	

TITLE II

OPERATION AND MAINTENANCE

The fiscal year 2022 Department of Defense operation and maintenance budget request totals $253,623,852,000. The Committee recommendation provides $254,320,053,000 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
RECAPITULATION			
OPERATION & MAINTENANCE, ARMY	54,616,397	54,343,965	-272,432
OPERATION & MAINTENANCE, NAVY	60,441,228	61,086,598	+645,370
OPERATION & MAINTENANCE, MARINE CORPS	9,024,791	9,090,653	+65,862
OPERATION & MAINTENANCE, AIR FORCE	53,876,475	53,756,603	-119,872
OPERATION & MAINTENANCE, SPACE FORCE	3,440,712	3,372,212	-68,500
OPERATION & MAINTENANCE, DEFENSE-WIDE	44,918,366	45,306,975	+388,609
AFGHANISTAN SECURITY FORCES FUND	3,327,810	3,045,341	-282,469
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)	522,000	500,000	-22,000
OPERATION & MAINTENANCE, ARMY RESERVE	3,000,635	2,992,135	-8,500
OPERATION & MAINTENANCE, NAVY RESERVE	1,148,698	1,147,698	-1,000
OPERATION & MAINTENANCE, MARINE CORPS RESERVE	285,050	286,550	+1,500
OPERATION & MAINTENANCE, AIR FORCE RESERVE	3,352,106	3,335,606	-16,500
OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	7,647,209	7,617,209	-30,000
OPERATION & MAINTENANCE, AIR NATIONAL GUARD	6,574,020	6,568,750	-5,270
UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES	15,589	15,589	---
ENVIRONMENTAL RESTORATION, ARMY	200,806	251,008	+50,202
ENVIRONMENTAL RESTORATION, NAVY	298,250	372,813	+74,563
ENVIRONMENTAL RESTORATION, AIR FORCE	301,768	377,210	+75,442
ENVIRONMENTAL RESTORATION, DEFENSE-WIDE	8,783	10,979	+2,196
ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES	218,580	292,580	+74,000
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	110,051	150,051	+40,000
COOPERATIVE THREAT REDUCTION ACCOUNT	239,849	344,849	+105,000
DOD ACQUISITION WORKFORCE DEVELOPMENT FUND	54,679	54,679	---
GRAND TOTAL, OPERATION & MAINTENANCE	253,623,852	254,320,053	+696,201

REPROGRAMMING GUIDANCE FOR OPERATION AND MAINTENANCE ACCOUNTS

The Secretary of Defense is directed to submit the Base for Reprogramming (DD Form 1414) for each of the fiscal year 2022 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
Base support

Space Force:
Global C3I and early warning
Space operations
Contractor logistics support and system support
Administration

Air National Guard:
Aircraft operations

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:

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 2022 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 Service's 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 Direc-

tor 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 2022.

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.

TUITION ASSISTANCE PROGRAM

The Committee recognizes that servicemembers can utilize the Military Tuition Assistance Programs (TAP) to enroll in civilian education programs and commends the Marine Corps and the Air Force for augmenting these programs in their fiscal year 2022 budget requests. However, the Committee is concerned that the current academic and career advising programs do not provide structured guidance that aligns military and civilian workforce requirements with TAP education programs and courses. The Committee directs the Under Secretary of Defense for Personnel and Readiness and the Service Secretaries to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act with recommendations to augment the Services' academic and career advising programs to provide servicemembers with structured guidance for TAP education programs and courses, as if they were to attend a military education program. The recommendations should also include guidance for servicemembers who wish to transition to a hard-to-fill career in their respective Service. The report should also create an annual survey to align academic and career counseling and structured guidance with servicemembers' career goals in the military or civilian workforce.

MILITARY CRIMINAL INVESTIGATIVE ORGANIZATIONS

The Committee recognizes that Military Criminal Investigative Organizations (MCIOs), which include the United States Army Criminal Investigation Division, the Naval Criminal Investigative Service, and the Air Force Office of Special Investigations, play a critical role in bringing servicemembers who commit felonies to justice. As the volume and complexity of investigations increase, including the doubling of sexual assault cases over the last decade, the resources made available to the MCIOs by the Services have not kept pace. Additional resources and significant reforms to the structure of each of the MCIOs will help address these shortfalls. The Committee encourages the Service Secretaries to review the re-

quirements for their specific MCIOs commensurate with their increased caseloads; hire, train, and equip digital forensics examiners capable of downloading and analyzing mobile phone and laptop data at each large installation; hire more civilian special agents; and refrain from making mid-year budget reductions to the MCIOs.

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 to work with higher education institutions, including Historically Black Colleges and Universities, 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 the congressional defense committees on these efforts not later than 90 days after the enactment of this Act.

MINORITY AND WOMEN-OWNED BUSINESSES

The Committee is concerned that the Department of Defense does not take full advantage of the products and services available to the Department from minority and women-owned small businesses. 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 Department's efforts to work with minority and women-owned small businesses. The report shall specify the number and value of Department of Defense contracts for minority and women-owned small businesses and include a description of specific outreach programs the Department uses to reach minority and women-owned small businesses. The report shall also include disaggregated data, to include gender and ethnicity.

MILITARY FOOD TRANSFORMATION

The Committee remains concerned about the growing obesity crisis in the Department of Defense and its impact on military recruitment, readiness, and retention. To address this challenge, the Committee directs the Secretary of Defense to establish a food transformation cell, similar to the office that led the Healthy Base Initiative, not later than 90 days after the enactment of this Act. The food transformation cell shall be composed of subject matter experts in food service operations who possess knowledge of modern healthy food delivery systems and an understanding of all aspects of Department of Defense laws and policies related to food service.

This cell should develop and execute a plan for improving on-base accessibility to healthfully prepared and pre-prepared food. The plan should leverage leading practices from university and private-sector campus dining, and lessons learned from previous De-

partment of Defense food service transformation efforts. The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act which provides an outline of these efforts.

Further, the Committee encourages the Secretary of Defense to use the Department's proposed plan to conduct demonstration pilots at two installations per Service. Where appropriate, pilot sites should partner with the local community to improve the food environment and encourage smart eating. The goal of each pilot should be to develop and test appropriate business models that increase the availability, affordability, and acceptability of healthy performance foods. Each pilot should also include expansion of the use of the meal card by servicemembers at exchange-controlled food locations and morale, welfare, and recreation-controlled food locations.

MEALS READY-TO-EAT WAR RESERVE

The Committee recommendation fully supports the fiscal year 2022 request for the Defense Logistics Agency for a minimum of 2,500,000 cases of meals ready-to-eat and reaffirms support for the War Reserve stock objective of 5,000,000 cases.

GEO-ECONOMICS, INNOVATION, AND NATIONAL SECURITY

The Committee recognizes that the long-term national security challenges for the United States are broad and encompass not just military preparedness but also the economic, technological, and political spheres. The Committee is concerned that professional military education is not keeping pace with rapid developments in geo-economics, innovation, and national security, and believes that the education of military officers and other national security leaders must include all aspects of great power competition. The Committee encourages the Secretary of Defense and the Service Secretaries to explore opportunities, including the establishment of public-private partnerships, to research, develop, and implement professional military education course curricula related to geo-economics, innovation, and national security.

HARD-TO-FILL POSITIONS

The Committee supports improving the coordination of federal efforts involved in growing and sustaining a robust defense workforce. To help achieve this for the Department of Defense, the Committee directs the Secretary of Defense and the Service Secretaries to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act which details both civilian and military hard-to-fill positions in the Department of Defense and the Services. The report should include how the Department and Services' modernization strategies may impact these needs and possible future gaps in the next five to ten years.

The Committee recognizes that the Department and Services' hiring authorities can generally classify a position as civilian, contractor, or military. For civilian and contractor positions, the Department and Services must comply with the Office of Personnel Management's occupation codes and Federal Acquisition Regulations for minimal education and work experience requirements, re-

spectively. The Committee believes there is an opportunity to leverage the variation in the hiring authorities' decision making on position classification, education, and work experience requirements for comparable positions to assess whether these variable categories are positively associated with recruitment for hard-to-fill positions. The Committee directs the Under Secretary of Defense for Personnel and Readiness and the Service Secretaries to provide a report to the congressional defense committees not later than 120 days after the enactment of this Act which evaluates the effect of these three variables on recruitment for comparable hard-to-fill positions in the Department and Services. The report should include an evaluation of the three variables on recruitment of women, minorities, individuals with disabilities, and veterans for hard-to-fill positions.

In addition, the Committee is concerned about hiring gaps relating to Career and Technical Education (CTE) and Science, Technology, Engineering, and Math (STEM) programs and careers throughout the Department of Defense. The Committee directs the Secretary of Defense to coordinate with the Service Secretaries to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act that delineates the programs and funding levels relating to CTE and STEM programs in the Department of Defense. The report should clearly identify any programs and funding that promotes advancement for females, minorities, individuals with disabilities, military students, or veterans. For each program, the report should include the award recipients' funding amount, use, and the effectiveness of the program to recruit students into CTE or STEM programs or careers in the Department, Services, or defense industry.

After the above-mentioned report is delivered to Congress, the Committee directs the Secretary of Defense to establish a Defense CTE and STEM Education and Workforce Pipeline Strategy. The Committee directs the Secretary of Defense to provide an initial overview of the strategy to the congressional defense committees not later than 45 days after the delivery of the above report with a final report to be provided to the congressional defense committees not later than 270 days after the enactment of this Act.

The Secretary of Defense should coordinate with the Secretaries of Education, Energy, Labor, and Veterans Affairs, and the Director of the Office of Science and Technology Policy on this strategy. The strategy should include an analysis of currently hard-to-fill positions and those in the next five to ten years. The strategy should also provide recommendations on creating and/or modifying all levels of current CTE and STEM programs and funding to develop a comprehensive group of programs to address current and possible future defense workforce gaps in this arena. Within the recommendations, particular emphasis should be placed on programs that encourage women, minorities, individuals with disabilities, and veterans to pursue CTE and STEM careers.

RECRUITING AND RETENTION FOR HARD-TO-FILL POSITIONS

The Committee is concerned that Department of Defense recruiting and retention programs are not as effective as they could be to employ personnel for the challenging types of vacancies the Depart-

ment and the Services have. To address this need, the Committee directs the Under Secretary of Defense for Personnel and Readiness and the Service Secretaries to provide an initial overview to the congressional defense committees not later than 60 days after the enactment of this Act, and quarterly updates thereafter on the progress of the report, with a final report due not later than 270 days after the enactment of this Act. The initial overview and subsequent report shall align enlisted and officer recruitment incentives, education and workforce development programs, retention incentives, and manpower requirements, for hard-to-fill positions for each Service.

The report should include an annual survey to ensure requirements are matched to goals to fill these positions. The report should include desired educational and technical skills, retention incentives, education or workforce development programs and enrollment, and recruitment incentives for hard-to-fill positions. The report should identify all relevant entities, an overview of their responsibilities, and a formal means of evaluation between entities. The report should address how each Service will utilize the survey to incorporate its modernization priorities into each of the listed constructs. Finally, the report should include an overview of modernization-related changes to these incentives and programs and their estimated costs.

ADVERTISING

The Committee notes 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 the Secretary of Defense to include with the fiscal year 2023 budget submission the total level of expenditures for fiscal year 2022 and the requested level of funding for fiscal year 2023 for all contracts for advertising services; contracts for advertising services by minority or women owned businesses; and contracts for advertising services by socially and economically disadvantaged small businesses (as defined in section 8(a)(4) of the Small Business Act (15 U.S.C. 637(a)(4)).

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 $22,000,000 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 before 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 elemen-

tary 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 2022–2023 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, 2022 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.

CLOSE AIR SUPPORT

The Committee notes the January 2021 report released by the Government Accountability Office entitled "Close Air Support: Actions Needed to Enhance Friendly Force Tracking Capabilities and Fully Evaluate Training" included recommendations to prevent friendly fire incidents in this type of operation. The Committee encourages the Secretary of Defense to fully implement the report's recommendations. Further, the Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the status of the implementation of the recommendations.

UNPLANNED EXERCISES

The Committee is aware that the Secretary of Defense, upon the recommendation of the Joint Chiefs of Staff, may order impromptu operations for each of the Services for execution in the different combatant commands. Given the inability of the Department of Defense to provide prior budgetary information for such unplanned exercises to the congressional defense committees due to the ambiguity of the schedule, the Committee directs the Secretary of Defense to submit a quarterly report on the use of operation and maintenance funds for activities or exercises in excess of $5,000,000 that are designated as unplanned activities for fiscal year 2022. The reports shall include, but not be limited to the title, date, location, and which Services and units participated (with an estimated number of participants); the total cost, by budget line item (with a breakdown by cost element such as transportation); and a short explanation of the objective.

The reports may be provided with a classified annex, as necessary, and shall be submitted to the congressional defense committees not later than 30 days after the close of each quarter of the fiscal year.

CHILDCARE

The Committee appreciates the efforts the Services have made over the past two years to address the readiness limitations that military personnel face when there is limited access to appropriate childcare. The Committee encourages each of the Service Secretaries to investigate expanding access to childcare for servicemembers during irregular times, such as evenings and weekends. The Committee directs the Service Secretaries to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act which describes methodologies to meet these demands and the approximate costs of expanding these opportunities for military personnel.

ALIGNING CIVILIAN AND MILITARY EDUCATION FOR WORKFORCE DEVELOPMENT

The Committee directs the Under Secretary of Defense for Personnel and Readiness and the Service Secretaries to provide a report to the congressional defense committees not later than 120 days after the enactment of this Act that aligns enlisted and officer military education and workforce development programs with civilian education and workforce development programs for each Service. The report should include how each Service utilizes this information for servicemember recruitment and retention, and for transitioning servicemembers to translate their education and work experience into the civilian education system and workforce. In cases where there is an incomparable military education or workforce development program to align with civilian stackable certificates, associate's degrees, and bachelor's degrees, the Under Secretary of Defense for Personnel and Readiness and the Service Secretaries must identify and justify the lack of a comparable military education program on the basis of the Service's manpower requirements or cost efficiency.

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 ap-

plicable 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.

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.

PFOS/PFOA 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 installations 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 Department 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 2019; the actual obligations in fiscal year 2020; the planned and actual obligations in fiscal year 2021; the planned obligations for fiscal year 2022; and the estimated cost after fiscal year 2022.

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.

MINIMUM WAGE

The Committee concurs with Executive Order 14026 which increases the minimum wage for federal contractors to at least $15 per hour. The Committee understands that the Department of De-

fense did not budget for this level of compensation for its non-appropriated funded employees for fiscal year 2022. The Committee requires a better understanding of the scope of the cost for the Department and the Services for non-appropriated funded employees. Therefore, the Committee directs the Secretary of Defense and the Service Secretaries to provide a report to the congressional defense committees not later than 60 days after the enactment of this Act that includes an overview of the number of non-appropriated funded personnel that do not receive at least $15 per hour for their employment; the cost to provide every non-appropriated funded employee with a salary of at least $15 per hour; and how those costs could be addressed in the fiscal year 2023 budget request submission.

HOUSING

The Committee believes that providing quality housing will improve recruitment, retention, and quality of life for junior enlisted servicemembers. The Army is currently testing a pilot program to use commercially available technology to allow military personnel to request maintenance and improvements to installation housing via mobile applications, websites, and other online tools to allow the timely reporting of a maintenance issue for tracking and repair purposes. The Committee encourages the Service Secretaries to consider scaling this program to all government-owned and government-leased housing on their respective installations.

OPERATION AND MAINTENANCE, ARMY

Fiscal year 2022 budget request	$54,616,397,000
Committee recommendation	54,343,965,000
Change from budget request	−272,432,000

The Committee recommends an appropriation of $54,343,965,000 for Operation and Maintenance, Army which will provide the following program in fiscal year 2022:

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	MANEUVER UNITS	3,563,856	3,513,856	-50,000
20	MODULAR SUPPORT BRIGADES	142,082	142,082	---
30	ECHELONS ABOVE BRIGADES	758,174	758,174	---
40	THEATER LEVEL ASSETS	2,753,783	2,653,783	-100,000
50	LAND FORCES OPERATIONS SUPPORT	1,110,156	1,110,156	---
60	AVIATION ASSETS	1,795,522	1,770,522	-25,000
	LAND FORCES READINESS			
70	FORCE READINESS OPERATIONS SUPPORT	7,442,976	7,367,976	-75,000
80	LAND FORCES SYSTEMS READINESS	580,921	560,921	-20,000
90	LAND FORCES DEPOT MAINTENANCE	1,257,959	1,257,959	---
100	MEDICAL READINESS	1,102,964	1,102,964	---
	LAND FORCES READINESS SUPPORT			
110	BASE OPERATIONS SUPPORT	8,878,603	8,876,203	-2,400
120	FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION	4,051,869	4,031,869	-20,000
130	MANAGEMENT AND OPERATIONAL HEADQUARTERS	289,891	289,891	---
140	ADDITIONAL ACTIVITIES	526,517	451,517	-75,000
160	RESET	397,196	352,196	-45,000
	COMBATANT COMMAND SUPPORT			
170	US AFRICA COMMAND	384,791	457,131	+72,340
180	US EUROPEAN COMMAND	293,932	294,182	+250
190	US SOUTHERN COMMAND	196,726	197,101	+375
200	US FORCES KOREA	67,052	67,052	---
210	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	621,836	568,836	-53,000
220	CYBER SPACE ACTIVITIES - CYBERSECURITY	629,437	609,437	-20,000
	TOTAL, BUDGET ACTIVITY 1	36,846,243	36,433,808	-412,435

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	BUDGET ACTIVITY 2: MOBILIZATION			
	MOBILITY OPERATIONS			
230	STRATEGIC MOBILITY	353,967	353,967	---
240	ARMY PREPOSITIONED STOCKS	381,192	381,192	---
250	INDUSTRIAL PREPAREDNESS	3,810	3,810	---
	TOTAL, BUDGET ACTIVITY 2	738,969	738,969	---
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
260	OFFICER ACQUISITION	163,568	163,568	---
270	RECRUIT TRAINING	75,140	74,140	-1,000
280	ONE STATION UNIT TRAINING	81,274	81,274	---
290	SENIOR RESERVE OFFICERS TRAINING CORPS	520,973	520,973	---
	BASIC SKILL AND ADVANCED TRAINING			
300	SPECIALIZED SKILL TRAINING	998,869	998,869	---
310	FLIGHT TRAINING	1,309,556	1,309,556	---
320	PROFESSIONAL DEVELOPMENT EDUCATION	218,651	218,651	---
330	TRAINING SUPPORT	616,380	611,380	-5,000
	RECRUITING AND OTHER TRAINING AND EDUCATION			
340	RECRUITING AND ADVERTISING	683,569	683,569	---
350	EXAMINING	169,442	169,442	---
360	OFF-DUTY AND VOLUNTARY EDUCATION	214,923	214,923	---
370	CIVILIAN EDUCATION AND TRAINING	220,589	217,789	-2,800
380	JUNIOR RESERVE OFFICERS TRAINING CORPS	187,569	187,569	---
	TOTAL, BUDGET ACTIVITY 3	5,460,503	5,451,703	-8,800
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	LOGISTICS OPERATIONS			
400	SERVICEWIDE TRANSPORTATION	684,562	672,562	-12,000
410	CENTRAL SUPPLY ACTIVITIES	808,895	808,895	---
420	LOGISTICS SUPPORT ACTIVITIES	767,053	767,053	---
430	AMMUNITION MANAGEMENT	469,038	469,038	---
	SERVICEWIDE SUPPORT			
440	ADMINISTRATION	488,535	484,535	-4,000
450	SERVICEWIDE COMMUNICATIONS	1,952,742	1,962,742	+10,000

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
460	MANPOWER MANAGEMENT	323,273	323,273	---
470	OTHER PERSONNEL SUPPORT	663,602	663,602	---
480	OTHER SERVICE SUPPORT	2,004,981	1,981,381	-23,600
490	ARMY CLAIMS ACTIVITIES	180,178	180,178	---
500	REAL ESTATE MANAGEMENT	269,009	272,509	+3,500
510	FINANCIAL MANAGEMENT AND AUDIT READINESS	437,940	437,940	---
520	INTERNATIONAL MILITARY HEADQUARTERS	482,571	482,571	---
530	MISC. SUPPORT OF OTHER NATIONS	29,670	29,670	---
	OTHER PROGRAMS			
	CLASSIFIED PROGRAMS	2,008,633	2,008,286	-347
	TOTAL, BUDGET ACTIVITY 4	11,570,682	11,544,235	-26,447
	HISTORICAL UNOBLIGATION	---	-125,000	-125,000
	P.L. 115-68 IMPLEMENTATION	---	250	+250
	RESTORE READINESS	---	300,000	+300,000
	TOTAL, OPERATION AND MAINTENANCE, ARMY	54,616,397	54,343,965	-272,432

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
111 MANEUVER UNITS	**3,563,856**	**3,513,856**	**-50,000**
Unjustified growth		-50,000	
114 THEATER LEVEL ASSETS	**2,753,783**	**2,653,783**	**-100,000**
Unjustified growth		-100,000	
116 AVIATION ASSETS	**1,795,522**	**1,770,522**	**-25,000**
Unjustified growth		-25,000	
121 FORCE READINESS OPERATIONS SUPPORT	**7,442,976**	**7,367,976**	**-75,000**
Unjustified growth		-100,000	
Program increase - camouflage		20,000	
Program increase - human optimization		5,000	
122 LAND FORCES SYSTEMS READINESS	**580,921**	**560,921**	**-20,000**
Unjustified growth		-20,000	
131 BASE OPERATIONS SUPPORT	**8,878,603**	**8,876,203**	**-2,400**
Unjustified growth		-10,000	
Program increase - PFAS remediation		6,600	
Program increase - renaming institutions		1,000	
132 FACILITIES SUSTAINMENT, RESTORATION, & MODERNIZATION	**4,051,869**	**4,031,869**	**-20,000**
Unjustified growth		-20,000	
135 ADDITIONAL ACTIVITIES	**526,517**	**451,517**	**-75,000**
Unjustified growth - Afghanistan reconciliation		-15,000	
Unjustified growth		-60,000	
137 RESET	**397,196**	**352,196**	**-45,000**
Unjustified growth		-45,000	
141 US AFRICA COMMAND	**384,791**	**457,131**	**72,340**
Program increase - P.L. 115-68		340	
Program increase - natural resources management		5,000	
Program increase - ISR		67,000	
142 US EUROPEAN COMMAND	**293,932**	**294,182**	**250**
Program increase - P.L. 115-68		250	
143 US SOUTHERN COMMAND	**196,726**	**197,101**	**375**
Program increase - P.L. 115-68		375	
151 CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	**621,836**	**568,836**	**-53,000**
Unjustified growth		-53,000	
153 CYBER SPACE ACTIVITIES - CYBERSECURITY	**629,437**	**609,437**	**-20,000**
Unjustified growth		-20,000	

O-1	Budget Request	Committee Recommended	Change from Request
312 RECRUIT TRAINING	**75,140**	**74,140**	**-1,000**
Unjustified growth		-1,000	
324 TRAINING SUPPORT	**616,380**	**611,380**	**-5,000**
Unjustified growth		-5,000	
334 CIVILIAN EDUCATION AND TRAINING	**220,589**	**217,789**	**-2,800**
Unjustified growth		-2,800	
421 SERVICEWIDE TRANSPORTATION	**684,562**	**672,562**	**-12,000**
Unjustified growth		-12,000	
431 ADMINISTRATION	**488,535**	**484,535**	**-4,000**
Unjustified growth		-4,000	
432 SERVICEWIDE COMMUNICATIONS	**1,952,742**	**1,962,742**	**10,000**
Program increase - alternatives to GPS		10,000	
435 OTHER SERVICE SUPPORT	**2,004,981**	**1,981,381**	**-23,600**
Army Futures Command - unjustified personnel growth		-25,000	
Program increase - Capitol Fourth		1,400	
437 REAL ESTATE MANAGEMENT	**269,009**	**272,509**	**3,500**
Program increase - real estate inventory tool		3,500	
411 OTHER PROGRAMS	**2,008,633**	**2,008,286**	**-347**
Classified adjustment		-347	
RESTORE READINESS		**300,000**	**300,000**
HISTORICAL UNOBLIGATED BALANCES		**-125,000**	**-125,000**
P.L. 115-68 IMPLEMENTATION		**250**	**250**

SMALL BUSINESS AND ARMY FUTURES COMMAND

The Committee is concerned with the findings of the Government Accountability Office in its report, "Army Future 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 90 days after the enactment of this Act.

UNITED STATES MILITARY ACADEMY

The Committee understands the United States Military Academy at West Point and Army Installation Management Command have developed a Sustainment, Restoration and Modernization (SRM) Bridge Plan to ensure that facilities at Camp Buckner and Camp Natural Bridge can sustain cadet training along with associated training task force housing requirements. The Committee appreciates this plan, which bridges the gap to planned military construction investments starting in fiscal year 2026. The Committee encourages the Secretary of the Army to robustly fund the SRM Bridge Plan in accordance with programmed amounts to ensure cadets and the associated training task force have the facilities necessary to carry out essential training.

EQUIPMENT AND FACILITIES SUSTAINMENT

The Committee notes the shift by the Army to a Holistic Health and Fitness system and recognizes the importance of equipment and facilities to a successful system. Given the ongoing requirement for functional fitness equipment, the Committee is concerned by the Army's lack of a centralized purchasing system for the acquisition of new fitness equipment and the absence of a plan for the sustainment of such equipment. The Committee directs the Secretary of the Army to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act that details sustainment plans for fielded equipment, refurbished or re-equipped fitness facilities, containerized strength equipment, Army combat fitness test lane equipment, and other commercial fitness equipment.

AFRICAN CONTINENT SECURITY AND NATURAL RESOURCES MANAGEMENT

The Committee is concerned that competition for scarce strategic resources and the impacts of climate change have led to increasing instability on the African continent. The Committee notes that land management and conservation efforts are an important tool to support security in resource-poor environments. The Committee recommendation includes an additional $5,000,000 for the United

States Africa Command to partner with the United States Forest Service in support of international programs to develop land conservancies, prevent the trafficking of natural resources and protected animals, provide disaster assistance, address landscape-level water security, and develop a Youth Conservation Corps in African nations.

CAMOUFLAGE EQUIPMENT

The Committee recognizes the need to equip soldiers with effective camouflage equipment that will enable them to succeed in combat against near peer adversaries. However, the Committee notes that inconsistent purchasing for such equipment by the Army has led to significant challenges for the camouflage industrial base. Therefore, the Committee directs the Secretary of the Army to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on how the Army will acquire proper camouflage equipment. The report should include how the Army intends to ensure the industrial base is robustly maintained, and how cost savings and operational efficiencies can be achieved while preventing force readiness issues.

OPERATION AND MAINTENANCE, NAVY

Fiscal year 2022 budget request	$60,441,228,000
Committee recommendation	61,086,598,000
Change from budget request	+645,370,000

The Committee recommends an appropriation of $61,086,598,000 for Operation and Maintenance, Navy which will provide the following program in fiscal year 2022:

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	MISSION AND OTHER FLIGHT OPERATIONS	6,264,654	6,174,654	-90,000
20	FLEET AIR TRAINING	2,465,007	2,396,257	-68,750
30	AVIATION TECHNICAL DATA AND ENGINEERING SERVICES	55,140	55,140	---
40	AIR OPERATIONS AND SAFETY SUPPORT	197,904	197,904	---
50	AIR SYSTEMS SUPPORT	1,005,932	1,000,732	-5,200
60	AIRCRAFT DEPOT MAINTENANCE	1,675,356	1,660,356	-15,000
70	AIRCRAFT DEPOT OPERATIONS SUPPORT	65,518	65,518	---
80	AVIATION LOGISTICS	1,460,546	1,460,546	---
	SHIP OPERATIONS			
90	MISSION AND OTHER SHIP OPERATIONS	5,858,028	5,822,028	-36,000
100	SHIP OPERATIONS SUPPORT AND TRAINING	1,154,696	1,154,696	---
110	SHIP DEPOT MAINTENANCE	10,300,078	10,200,078	-100,000
120	SHIP DEPOT OPERATIONS SUPPORT	2,188,454	2,188,454	---
	COMBAT OPERATIONS/SUPPORT			
130	COMBAT COMMUNICATIONS	1,551,846	1,551,846	---
140	SPACE SYSTEMS AND SURVEILLANCE	327,251	327,251	---
150	WARFARE TACTICS	798,082	798,082	---
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	447,486	447,486	---
170	COMBAT SUPPORT FORCES	2,250,756	2,235,756	-15,000
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	192,968	192,968	---
190	COMBATANT COMMANDERS CORE OPERATIONS	61,614	66,214	+4,600
200	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	198,596	189,596	-9,000
210	MILITARY INFORMATION SUPPORT OPERATIONS	8,984	8,984	---
220	CYBERSPACE ACTIVITIES	565,926	565,926	---
	WEAPONS SUPPORT			
230	FLEET BALLISTIC MISSILE	1,476,247	1,476,247	---
240	WEAPONS MAINTENANCE	1,538,743	1,508,743	-30,000
250	OTHER WEAPON SYSTEMS SUPPORT	592,357	592,357	---

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	BASE SUPPORT			
260	ENTERPRISE INFORMATION	734,970	1,473,970	+739,000
270	SUSTAINMENT, RESTORATION AND MODERNIZATION	2,961,937	3,002,937	+41,000
280	BASE OPERATING SUPPORT	4,826,314	4,826,314	---
	TOTAL, BUDGET ACTIVITY 1	51,225,390	51,641,040	+415,650
	BUDGET ACTIVITY 2: MOBILIZATION			
290	SHIP PREPOSITIONING AND SURGE	457,015	457,015	---
300	READY RESERVE FORCE	645,522	645,522	---
310	SHIP ACTIVATIONS/INACTIVATIONS	353,530	349,030	-4,500
320	EXPEDITIONARY HEALTH SERVICES SYSTEMS	149,384	149,384	---
330	COAST GUARD SUPPORT	20,639	20,639	---
	TOTAL, BUDGET ACTIVITY 2	1,626,090	1,621,590	-4,500
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
340	OFFICER ACQUISITION	172,913	172,913	---
350	RECRUIT TRAINING	13,813	13,813	---
360	RESERVE OFFICERS TRAINING CORPS	167,152	167,152	---
	BASIC SKILLS AND ADVANCED TRAINING			
370	SPECIALIZED SKILL TRAINING	1,053,104	1,053,104	---
380	PROFESSIONAL DEVELOPMENT EDUCATION	311,209	311,209	---
390	TRAINING SUPPORT	306,302	306,302	---
	RECRUITING, AND OTHER TRAINING AND EDUCATION			
400	RECRUITING AND ADVERTISING	205,219	205,219	---
410	OFF-DUTY AND VOLUNTARY EDUCATION	79,053	79,053	---
420	CIVILIAN EDUCATION AND TRAINING	109,754	109,754	---
430	JUNIOR ROTC	57,323	62,323	+5,000
	TOTAL, BUDGET ACTIVITY 3	2,475,842	2,480,842	+5,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE SUPPORT			
440	ADMINISTRATION	1,268,961	1,290,961	+22,000
450	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	212,952	210,452	-2,500
460	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	562,546	557,546	-5,000
470	MEDICAL ACTIVITIES	285,436	285,436	---

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	LOGISTICS OPERATIONS AND TECHNICAL SUPPORT			
480	SERVICEWIDE TRANSPORTATION	217,782	217,782	---
500	PLANNING, ENGINEERING, AND PROGRAM SUPPORT	479,480	479,480	---
510	ACQUISITION, LOGISTICS, AND OVERSIGHT	741,045	741,045	---
	INVESTIGATIONS AND SECURITY PROGRAMS			
520	INVESTIGATIVE AND SECURITY SERVICES	738,187	736,687	-1,500
	OTHER PROGRAMS			
	CLASSIFIED PROGRAMS	607,517	603,477	-4,040
	TOTAL, BUDGET ACTIVITY 4	5,113,906	5,122,866	+8,960
	HISTORICAL UNOBLIGATION	---	-80,000	-80,000
	P.L. 115-68 IMPLEMENTATION	---	260	+260
	RESTORE READINESS	---	300,000	+300,000
	TOTAL, OPERATION AND MAINTENANCE, NAVY	60,441,228	61,086,598	+645,370

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A MISSION AND OTHER FLIGHT OPERATIONS	**6,264,654**	**6,174,654**	**-90,000**
Unjustified growth		-90,000	
1A2A FLEET AIR TRAINING	**2,465,007**	**2,396,257**	**-68,750**
Unjustified growth		-68,750	
1A4N AIR SYSTEMS SUPPORT	**1,005,932**	**1,000,732**	**-5,200**
Unjustified growth		-5,200	
1A5A AIRCRAFT DEPOT MAINTENANCE	**1,675,356**	**1,660,356**	**-15,000**
Unjustified growth		-15,000	
1B1B MISSION AND OTHER SHIP OPERATIONS	**5,858,028**	**5,822,028**	**-36,000**
Unjustified growth		-36,000	
1B4B SHIP DEPOT MAINTENANCE	**10,300,078**	**10,200,078**	**-100,000**
Unjustified growth		-100,000	
1C6C COMBAT SUPPORT FORCES	**2,250,756**	**2,235,756**	**-15,000**
Unjustified growth		-15,000	
1CCH COMBATANT COMMANDERS CORE OPERATIONS	**61,614**	**66,214**	**4,600**
Program increase - Asia Pacific Regional Initiative		4,600	
1CCM COMBATANT COMMANDERS DIRECT MISSION	**198,596**	**189,596**	**-9,000**
Unjustified growth		-10,000	
Program increase - P.L. 115-68		1,000	
1D4D WEAPONS MAINTENANCE	**1,538,743**	**1,508,743**	**-30,000**
Unjustified growth		-30,000	
BSIT ENTERPRISE INFORMATION TECHNOLOGY	**734,970**	**1,473,970**	**739,000**
Unjustified growth		-44,000	
Transfer from RDTE, N line 255		778,000	
Program increase - form modernization		5,000	
BSM1 SUSTAINMENT, RESTORATION & MODERNIZATION	**2,961,937**	**3,002,937**	**41,000**
Program increase - USNA seawall		31,000	
Program increase - seismic and fire protection		10,000	
2B2G SHIP ACTIVATIONS/INACTIVATIONS	**353,530**	**349,030**	**-4,500**
Program decrease - reverse decommissionings		-4,500	
3C5L JUNIOR ROTC	**57,323**	**62,323**	**5,000**
Program increase - STEM programs		5,000	
4A1M ADMINISTRATION	**1,268,961**	**1,290,961**	**22,000**
Unjustified growth		-3,000	
Program increase - Naval Audit Service		25,000	

O-1	Budget Request	Committee Recommended	Change from Request
4A3M CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	**212,952**	**210,452**	**-2,500**
Unjustified growth		-2,500	
4A4M MILITARY MANPOWER AND PERSONNEL	**562,546**	**557,546**	**-5,000**
Unjustified growth		-5,000	
4C1P INVESTIGATIVE AND SECURITY SERVICES	**738,187**	**736,687**	**-1,500**
Unjustified growth		-1,500	
999 OTHER PROGRAMS	**607,517**	**603,477**	**-4,040**
Classified adjustment		-4,040	
RESTORE READINESS		**300,000**	**300,000**
HISTORICAL UNOBLIGATED BALANCES		**-80,000**	**-80,000**
P.L. 115-68 IMPLEMENTATION		**260**	**260**

SUBMARINE MAINTENANCE

The Committee notes that the Congressional Budget Office released a report on submarine maintenance activities which suggested that the Navy's actions are still off course. The Committee believes that the Navy must increase congressional confidence that the Service will be able to maintain its vessels effectively and efficiently. Therefore, the Committee directs the Secretary of the Navy to provide a quarterly report 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 submarines. The report shall include the amount of funding budgeted for submarine maintenance in fiscal year 2022 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. The report shall be broken out by shipyard and/or private entity (by site), by name, and type of submarine. The report shall also include any new efforts the Navy has taken to address the delays it continues to face.

AIRFRAME MAINTENANCE

In addition to submarine maintenance delays, the Committee notes delays have been reported on airframe repair and maintenance programs of the Department of the Navy. 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 2022 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.

MK VI PATROL BOATS

The Committee is concerned by conflicting announcements from the Department of the Navy regarding possible divestiture of Mk VI patrol boats from its inventory. Given these inconsistencies, the Committee directs the Secretary of the Navy to conduct a review prior to making any final decision on the program, and submit a report to the congressional defense committees not later than 60 days after the enactment of this Act that includes an assessment of the Mk VI platform's current and future mission capabilities; any capability gaps that are not currently fulfilled by the Mk VI fleet; any possible modifications necessary to ensure identified capability gaps are filled and the system engineering, testing, and evaluation data to support such conclusions; the vessel's utility in foreign partnership building and engagement with allies; and the Navy's proposal to independently fulfill current and future patrol boat missions.

OPERATION AND MAINTENANCE, MARINE CORPS

Fiscal year 2022 budget request	$9,024,791,000
Committee recommendation	9,090,653,000
Change from budget request	+65,862,000

The Committee recommends an appropriation of $9,090,653,000 for Operation and Maintenance, Marine Corps which will provide the following program in fiscal year 2022:

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	OPERATIONAL FORCES	1,587,456	1,604,956	+17,500
20	FIELD LOGISTICS	1,532,630	1,527,630	-5,000
30	DEPOT MAINTENANCE	215,949	215,949	---
	USMC PREPOSITIONING			
40	MARITIME PREPOSITIONING	107,969	107,969	---
	COMBAT OPERATIONS/SUPPORT			
50	CYBERSPACE ACTIVITIES	233,486	230,486	-3,000
	BASE SUPPORT			
60	SUSTAINMENT, RESTORATION & MODERNIZATION	1,221,117	1,221,117	---
70	BASE OPERATING SUPPORT	2,563,278	2,560,278	-3,000
	TOTAL, BUDGET ACTIVITY 1	7,461,885	7,468,385	+6,500
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
80	RECRUIT TRAINING	24,729	24,729	---
90	OFFICER ACQUISITION	1,208	1,208	---
	BASIC SKILLS AND ADVANCED TRAINING			
100	SPECIALIZED SKILLS TRAINING	110,752	110,752	---
110	PROFESSIONAL DEVELOPMENT EDUCATION	61,539	61,539	---
120	TRAINING SUPPORT	490,975	481,975	-9,000
	RECRUITING AND OTHER TRAINING EDUCATION			
130	RECRUITING AND ADVERTISING	223,643	223,643	---
140	OFF-DUTY AND VOLUNTARY EDUCATION	49,369	49,369	---
150	JUNIOR ROTC	26,065	29,065	+3,000
	TOTAL, BUDGET ACTIVITY 3	988,280	982,280	-6,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	SERVICEWIDE SUPPORT			
160	SERVICEWIDE TRANSPORTATION	100,475	100,475	---
170	ADMINISTRATION	410,729	410,729	---
	OTHER PROGRAMS			
	CLASSIFIED PROGRAMS	63,422	63,386	-36
	TOTAL, BUDGET ACTIVITY 4	574,626	574,590	-36

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
PROGRAM INCREASE - P.L. 115-68 IMPLEMENTATION.....	---	340	+340
HISTORICAL UNOBLIGATION.....	---	-10,000	-10,000
UNJUSTIFIED GROWTH.....	---	-26,000	-26,000
RESTORE READINESS.....	---	101,058	+101,058
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS.....	9,024,791	9,090,653	+65,862

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1A1A OPERATIONAL FORCES	**1,587,456**	**1,604,956**	**17,500**
Program increase - hearing enhancement and protection headsets		17,500	
1A2A FIELD LOGISTICS	**1,532,630**	**1,527,630**	**-5,000**
Unjustified growth		-5,000	
1CCY CYBERSPACE ACTIVITIES	**233,486**	**230,486**	**-3,000**
Unjustified growth		-3,000	
BSS1 BASE OPERATING SUPPORT	**2,563,278**	**2,560,278**	**-3,000**
Unjustified growth		-3,000	
3B4D TRAINING SUPPORT	**490,975**	**481,975**	**-9,000**
Unjustified growth		-9,000	
3C3F JUNIOR ROTC	**26,065**	**29,065**	**3,000**
Program increase - STEM programs		3,000	
4A7G SECURITY PROGRAMS	**63,422**	**63,386**	**-36**
Classified adjustment		-36	
HISTORICAL UNOBLIGATED BALANCES		**-10,000**	**-10,000**
UNJUSTIFIED GROWTH		**-26,000**	**-26,000**
P.L. 115-68 IMPLEMENTATION		**340**	**340**
RESTORE READINESS		**101,058**	**101,058**

RQ–21A SYSTEM

The Committee recognizes that the RQ–21A system provides the Marine Corps and Naval Special Warfare operators a shipboard-capable Intelligence, Surveillance, and Reconnaissance (ISR) platform capable of delivering intelligence products directly to the tactical commander in real time. The Committee understands that the Marine Corps is implementing a gradual divestment of the current Group 3 RQ–21A system, adopting the Group 5 MQ–9 for medium altitude/long endurance surveillance, and developing future requirements for a new "Group 3 Light" long range/long endurance small unmanned aerial system for Marine Corps units. While the Committee acknowledges the need for a diversified portfolio, it is concerned with the omission of the RQ–21A system as a cost-effective, operationally proven solution for ISR delivery. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act which outlines the basis for the divestiture decision. Specifically, the report should explain the requirements driving the change, the RQ–21A's capacity to meet those requirements, the cost implications associated with the change, the estimated cost to upgrade the RQ–21A to satisfy the new requirements, the timeline for the divesture of the RQ–21A system compared to the timeline for fielding the new unmanned aerial system concept, and the strategy for addressing any gap in capability that results from this transition.

OPERATION AND MAINTENANCE, AIR FORCE

Fiscal year 2022 budget request	$53,876,475,000
Committee recommendation	53,756,603,000
Change from budget request	−119,872,000

The Committee recommends an appropriation of $53,756,603,000 for Operation and Maintenance, Air Force which will provide the following program in fiscal year 2022:

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	PRIMARY COMBAT FORCES	706,860	678,860	-28,000
20	COMBAT ENHANCEMENT FORCES	2,382,448	2,292,448	-90,000
30	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	1,555,320	1,525,320	-30,000
40	DEPOT PURCHASE EQUIPMENT MAINTENANCE	3,661,762	3,625,762	-36,000
50	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,867,114	3,867,114	---
60	CYBERSPACE SUSTAINMENT	179,568	169,568	-10,000
70	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	8,457,653	8,552,253	+94,600
80	FLYING HOUR PROGRAM	5,646,730	5,646,730	---
90	BASE SUPPORT	9,846,037	9,771,037	-75,000
	COMBAT RELATED OPERATIONS			
100	GLOBAL C3I AND EARLY WARNING	979,705	979,705	---
110	OTHER COMBAT OPS SPT PROGRAMS	1,418,515	1,399,515	-19,000
120	CYBERSPACE ACTIVITIES	864,761	844,761	-20,000
	SPACE OPERATIONS			
150	SPACE CONTROL SYSTEMS	13,223	13,223	---
	COCOM			
160	US NORTHCOM/NORAD	196,774	197,339	+565
170	US STRATCOM	475,015	475,265	+250
180	US CYBERCOM	389,663	399,913	+10,250
190	US CENTCOM	372,354	362,539	-9,815
200	US SOCOM	28,733	29,623	+890
210	US TRANSCOM	---	250	+250
220	CENTCOM CYBERSPACE SUSTAINMENT	1,289	1,289	---
230	USSPACECOM	272,601	273,109	+508
	OPERATING FORCES CLASSIFIED PROGRAMS	1,454,383	1,454,383	---
	TOTAL, BUDGET ACTIVITY 1	42,770,508	42,560,006	-210,502

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	BUDGET ACTIVITY 2: MOBILIZATION			
	MOBILITY OPERATIONS			
240	AIRLIFT OPERATIONS	2,422,784	2,397,784	-25,000
250	MOBILIZATION PREPAREDNESS	667,851	667,851	---
	TOTAL, BUDGET ACTIVITY 2	3,090,635	3,065,635	-25,000
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
	ACCESSION TRAINING			
260	OFFICER ACQUISITION	156,193	156,193	---
270	RECRUIT TRAINING	26,072	26,072	---
280	RESERVE OFFICER TRAINING CORPS (ROTC)	127,693	127,693	---
	BASIC SKILLS AND ADVANCED TRAINING			
290	SPECIALIZED SKILL TRAINING	491,286	491,286	---
300	FLIGHT TRAINING	718,742	718,742	---
310	PROFESSIONAL DEVELOPMENT EDUCATION	302,092	302,092	---
320	TRAINING SUPPORT	162,165	154,165	-8,000
	RECRUITING, AND OTHER TRAINING AND EDUCATION			
330	RECRUITING AND ADVERTISING	171,339	171,339	---
340	EXAMINING	8,178	8,178	---
350	OFF DUTY AND VOLUNTARY EDUCATION	236,760	236,760	---
360	CIVILIAN EDUCATION AND TRAINING	306,602	306,602	---
370	JUNIOR ROTC	65,940	70,940	+5,000
	TOTAL, BUDGET ACTIVITY 3	2,773,062	2,770,062	-3,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	LOGISTICS OPERATIONS			
380	LOGISTICS OPERATIONS	1,062,709	1,062,709	---
390	TECHNICAL SUPPORT ACTIVITIES	169,957	169,957	---
	ADMIN SERVICEWIDE ACTIVITIES			
400	ADMINISTRATION	1,005,827	1,005,827	---
410	SERVICEWIDE COMMUNICATIONS	31,054	31,054	---
420	OTHER SERVICEWIDE ACTIVITIES	1,470,757	1,470,757	---
430	CIVIL AIR PATROL	29,128	47,300	+18,172

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
450	INTERNATIONAL SUPPORT	81,118	81,118	---
	CLASSIFIED PROGRAMS	1,391,720	1,391,428	-292
	TOTAL, BUDGET ACTIVITY 4	5,242,270	5,260,150	+17,880
	HISTORICAL UNOBLIGATION	---	-150,000	-150,000
	UNJUSTIFIED GROWTH	---	-50,000	-50,000
	P.L. 115-68 IMPLEMENTATION	---	750	+750
	RESTORE READINESS	---	300,000	+300,000
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE	53,876,475	53,756,603	-119,872

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
11A	PRIMARY COMBAT FORCES	706,860	678,860	-28,000
	Unjustified growth		-28,000	
11C	COMBAT ENHANCEMENT FORCES	2,382,448	2,292,448	-90,000
	Unjustified growth		-90,000	
11D	AIR OPERATIONS TRAINING	1,555,320	1,525,320	-30,000
	Unjustified growth		-30,000	
11M	DEPOT PURCHASE EQUIPMENT MAINTENANCE	3,661,762	3,625,762	-36,000
	Unjustified growth		-36,000	
11V	CYBERSPACE SUSTAINMENT	179,568	169,568	-10,000
	Unjustified growth		-10,000	
11W	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	8,457,653	8,552,253	94,600
	Unjustified growth		-90,000	
	Program increase - F-35 sustainment		184,600	
11Z	BASE SUPPORT	9,846,037	9,771,037	-75,000
	Unjustified growth		-75,000	
12C	OTHER COMBAT OPERATIONS SUPPORT PROGRAMS	1,418,515	1,399,515	-19,000
	Unjustified growth		-19,000	
12D	CYBERSPACE ACTIVITIES	864,761	844,761	-20,000
	Unjustified growth		-20,000	
15C	US NORTHCOM/NORAD	196,774	197,339	565
	Program increase - implementation of P.L. 115-68		565	
15D	US STRATCOM	475,015	475,265	250
	Program increase - implementation of P.L. 115-68		250	
15E	US CYBERCOM	389,663	399,913	10,250
	Program increase - implementation of P.L. 115-68		250	
	Program increase - threat hunting platform		10,000	
15F	US CENTCOM	372,354	362,539	-9,815
	Program increase - implementation of P.L. 115-68		185	
	Unjustified growth - OSC-I		-10,000	
15G	US SOCOM	28,733	29,623	890
	Program increase - implementation of P.L. 115-68		890	
15H	US TRANSCOM	0	250	250
	Program increase - implementation of P.L. 115-68		250	

O-1		Budget Request	Committee Recommended	Change from Request
15X	**USSPACECOM**	**272,601**	**273,109**	**508**
	Program increase - implementation of P.L. 115-68		508	
21A	**AIRLIFT OPERATIONS**	**2,422,784**	**2,397,784**	**-25,000**
	Unjustified growth		-25,000	
32D	**TRAINING SUPPORT**	**162,165**	**154,165**	**-8,000**
	Unjustified growth		-8,000	
33E	**JUNIOR ROTC**	**65,940**	**70,940**	**5,000**
	Program increase - STEM programs		5,000	
42I	**CIVIL AIR PATROL CORPORATION**	**29,128**	**47,300**	**18,172**
	Program increase		18,172	
43A	**SECURITY PROGRAMS**	**1,391,720**	**1,391,428**	**-292**
	Classified adjustment		-292	
	RESTORE READINESS		**300,000**	**300,000**
	HISTORICAL UNOBLIGATED BALANCES		**-150,000**	**-150,000**
	TRAVEL - UNJUSTIFIED GROWTH		**-50,000**	**-50,000**
	P.L. 115-68 IMPLEMENTATION		**750**	**750**

AIR FORCE 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 this year, such as Pilot Training Next, and other efforts to increase training throughput and anticipates seeing positive results of the programs. However, the Committee notes that a report required by House Report 116–453, and the analysis associated with it, has not yet been provided to the Committee. 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 brief the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act on the status of the report and which initiatives are being considered in fiscal year 2022 to address the Air Force's chronic pilot shortfall. The Committee also directs the Commander of Air Education and Training Command to provide quarterly updates to the House and Senate Appropriations Committees beginning not later than 45 days after the enactment of this Act.

PILOT TRAINING SAFETY

The Committee is concerned that recent events have highlighted negligence, equipment issues, and unnecessary risk at Air Force pilot training centers during F–16 training and qualification. The Committee believes that the Air Force needs to prioritize pilot safety and ensure that it follows its own directives. The Air Force must follow emergency procedures regarding landing or ejecting, utilize emergency checklists, and ensure that equipment has received the necessary upgrades to protect pilots in the event of an ejection. Additionally, the Air Force should ensure that the flying operation supervision structure is staffed with individuals possessing the correct level of experience to successfully address emergency situations. To ensure these guidelines are followed, the Committee directs the Secretary of the Air Force to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act which details the methods used to ensure pilot safety. The report shall include the efforts the Air Force is taking to implement the use of reality systems during pilot training to reduce overall training risk and applications during combat training scenarios, non-combat training scenarios, and emergency procedure training scenarios.

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 due to extensive sun exposure, creating additional, yet preventable, maintenance costs. The Committee encourages the Secretary of the Air Force to prioritize maintenance that may provide protection for aircraft to prevent damage caused by weather.

OPERATION AND MAINTENANCE, SPACE FORCE

Fiscal year 2022 budget request	$3,440,712,000
Committee recommendation	3,372,212,000
Change from budget request	−68,500,000

The Committee recommends an appropriation of $3,372,212,000 for Operation and Maintenance, Space Force which will provide the following program in fiscal year 2022:

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	495,615	485,615	-10,000
20	SPACE LAUNCH OPERATIONS	185,700	185,700	---
30	SPACE OPERATIONS	611,269	603,769	-7,500
40	EDUCATION & TRAINING	22,887	22,887	---
60	DEPOT MAINTENANCE	280,165	280,165	---
70	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	213,347	213,347	---
80	CONTRACTOR LOGISTICS & SYSTEM SUPPORT	1,158,707	1,158,707	---
90	SPACE OPERATIONS -BOS	143,520	143,520	---
100	ADMINISTRATION	156,747	105,747	-51,000
	CLASSIFIED PROGRAMS	172,755	172,755	---
	TOTAL, BUDGET ACTIVITY 1	3,440,712	3,372,212	-68,500
	TOTAL, OPERATION AND MAINTENANCE, SPACE FORCE	3,440,712	3,372,212	-68,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
12A	**GLOBAL C3I & EARLY WARNING**	**495,615**	**485,615**	**-10,000**
	SWAC - insufficient justification		-5,000	
	Unjustified growth		-5,000	
13C	**SPACE OPERATIONS**	**611,269**	**603,769**	**-7,500**
	Unjustified increase		-7,500	
42A	**ADMINISTRATION**	**156,747**	**105,747**	**-51,000**
	Unjustified growth		-51,000	

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Fiscal year 2022 budget request	$44,918,366,000
Committee recommendation	45,306,975,000
Change from budget request	+388,609,000

The Committee recommends an appropriation of $45,306,975,000 for Operation and Maintenance, Defense-Wide which will provide the following program in fiscal year 2022:

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATION AND MAINTENANCE, DEFENSE-WIDE			
	BUDGET ACTIVITY 1: OPERATING FORCES			
10	JOINT CHIEFS OF STAFF	407,240	402,240	-5,000
20	JOINT CHIEFS OF STAFF - CE2T2	554,634	554,634	---
30	JOINT CHIEFS OF STAFF - CYBER	8,098	8,098	---
40	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	2,044,479	2,035,719	-8,760
50	SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES	45,851	45,851	---
60	SPECIAL OPERATIONS COMMAND INTELLIGENCE	1,614,757	1,615,908	+1,151
70	SPECIAL OPERATIONS COMMAND MAINTENANCE	1,081,869	1,079,869	-2,000
80	SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS	180,042	180,042	---
90	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	1,202,060	1,197,262	-4,798
100	SPECIAL OPERATIONS COMMAND THEATER FORCES	3,175,789	3,175,789	---
	TOTAL, BUDGET ACTIVITY 1	10,314,819	10,295,412	-19,407
	BUDGET ACTIVITY 3: TRAINING AND RECRUITING			
130	DEFENSE ACQUISITION UNIVERSITY	171,607	171,607	---
140	JOINT CHIEFS OF STAFF	92,905	92,905	---
150	PROFESSIONAL DEVELOPMENT EDUCATION	31,669	31,669	---
	TOTAL, BUDGET ACTIVITY 3	296,181	296,181	---
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
170	CIVIL MILITARY PROGRAMS	137,311	264,592	+127,281
190	DEFENSE CONTRACT AUDIT AGENCY	618,526	606,526	-12,000
200	DEFENSE CONTRACT AUDIT AGENCY - CYBER	3,984	3,984	---
220	DEFENSE CONTRACT MANAGEMENT AGENCY	1,438,296	1,435,796	-2,500
230	DEFENSE CONTRACT MANAGEMENT AGENCY - CYBER	11,999	11,999	---
240	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY	941,488	930,381	-11,107
260	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY - CYBER	9,859	9,859	---
270	DEFENSE HUMAN RESOURCES ACTIVITY	816,168	894,668	+78,500
280	DEFENSE HUMAN RESOURCES ACTIVITY - CYBER	17,655	17,655	---
290	DEFENSE INFORMATION SYSTEMS AGENCY	1,913,734	1,914,169	+435
310	DEFENSE INFORMATION SYSTEMS AGENCY - CYBER	530,278	550,278	+20,000

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
350	DEFENSE LEGAL SERVICES AGENCY	229,498	215,498	-14,000
360	DEFENSE LOGISTICS AGENCY	402,864	426,264	+23,400
370	DEFENSE MEDIA ACTIVITY	222,655	222,655	---
380	DEFENSE PERSONNEL ACCOUNTING AGENCY	130,174	130,174	---
390	DEFENSE SECURITY COOPERATION AGENCY	2,067,446	2,113,146	+45,700
420	DEFENSE TECHNOLOGY SECURITY AGENCY	39,305	39,305	---
440	DEFENSE THREAT REDUCTION AGENCY	885,749	885,749	---
460	DEFENSE THREAT REDUCTION AGENCY - CYBER	36,736	36,736	---
470	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	3,138,345	3,228,345	+90,000
490	MISSILE DEFENSE AGENCY	502,450	499,004	-3,446
530	OFFICE OF THE LOCAL DEFENSE COMMUNITY COOPERATION - OSD	89,686	217,686	+128,000
540	OFFICE OF THE SECRETARY OF DEFENSE	1,766,614	1,752,476	-14,138
550	OFFICE OF THE SECRETARY OF DEFENSE - CYBER	32,851	49,575	+16,724
560	SPACE DEVELOPMENT AGENCY	53,851	53,851	---
570	WASHINGTON HEADQUARTERS SERVICES	369,698	369,698	---
	CLASSIFIED PROGRAMS	17,900,146	17,833,213	-66,933
	TOTAL, BUDGET ACTIVITY 4	34,307,366	34,713,282	+405,916
	P.L. 115-68 IMPLEMENTATION	---	2,100	+2,100
	TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	44,918,366	45,306,975	+388,609

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
1PL1 JOINT CHIEFS OF STAFF	**407,240**	**402,240**	**-5,000**
Historical unobligated balances		-5,000	
1PL6 SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	**2,044,479**	**2,035,719**	**-8,760**
Classified adjustment		-12,070	
Program increase - AGMS acceleration		3,310	
1PLU SPECIAL OPERATIONS COMMAND INTELLIGENCE	**1,614,757**	**1,615,908**	**1,151**
Sensitive site exploitation program decrease		-2,457	
SOF Organic ISR program decrease		-6,392	
Program increase - DOMEX		10,000	
1PL7 SPECIAL OPERATIONS COMMAND MAINTENANCE	**1,081,869**	**1,079,869**	**-2,000**
Combatant craft medium program decrease		-2,000	
1PLV SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	**1,202,060**	**1,197,262**	**-4,798**
Long haul communications program decrease		-4,798	
1PLR SPECIAL OPERATIONS COMMAND THEATER FORCES	**3,175,789**	**3,175,789**	**0**
Transfer from Section 1202		-5,000	
Transfer to USSOCOM Information Operations		5,000	
4GT3 CIVIL MILITARY PROGRAMS	**137,311**	**264,592**	**127,281**
Program increase - National Guard Youth Challenge		85,281	
Program increase - Starbase		42,000	
4GT6 DEFENSE CONTRACT AUDIT AGENCY	**618,526**	**606,526**	**-12,000**
Historical unobligated balances		-12,000	
4GTO DEFENSE CONTRACT MANAGEMENT AGENCY	**1,438,296**	**1,435,796**	**-2,500**
Historical unobligated balances		-2,500	
4GTE DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY	**941,488**	**930,381**	**-11,107**
Unjustified growth		-11,107	
4GT8 DEFENSE HUMAN RESOURCES ACTIVITY	**816,168**	**894,668**	**78,500**
Program increase - DLNSEO		15,000	
Program increase - Language Flagship program		6,000	
Program increase - Special Victims' Counsel		47,000	
Program increase - Defense Suicide Prevention Office		3,000	
Program increase - Sexual Assault Prevention and Response Office		7,500	
4GT9 DEFENSE INFORMATION SYSTEMS AGENCY	**1,913,734**	**1,914,169**	**435**
Historical unobligated balances		-20,600	
Program increase - cloud migration and technology		21,035	

O-1	Budget Request	Committee Recommended	Change from Request
4GU9 DEFENSE INFORMATION SYSTEMS AGENCY - CYBER	**530,278**	**550,278**	**20,000**
Program increase - securing the Department of Defense Information Network		20,000	
4GTA DEFENSE LEGAL SERVICES AGENCY	**229,498**	**215,498**	**-14,000**
Historical unobligated balances		-14,000	
4GTB DEFENSE LOGISTICS AGENCY	**402,864**	**426,264**	**23,400**
Program increase - Procurement Technical Assistance Program		24,400	
Historical unobligated balances		-1,000	
4GTD DEFENSE SECURITY COOPERATION AGENCY	**2,067,446**	**2,113,146**	**45,700**
Program increase - International Security Cooperation Programs with countries in AFRICOM		59,571	
Program increase - International Security Cooperation Programs - CENTCOM - Jordan		12,699	
Program increase - International Security Cooperation Programs - EUCOM - Baltic Security Initiative		45,140	
Program increase - International Security Cooperation Programs women's programs		3,000	
Program increase - International Security Cooperation Programs human rights training		1,000	
Unjustified growth - International Security Cooperation Programs transportation and service		-15,000	
International Security Cooperation Programs Institutional Capacity Building insufficient justification		-10,709	
International Security Cooperation Programs - CENTCOM program decrease		-785	
Transfer from International Security Cooperation Programs to Ukraine Security Assistance Initiative		-7,672	
Transfer to Ukraine Security Assistance Initiative from International Security Cooperation Programs		7,672	
Program increase - Ukraine Security Assistance Initiative		17,328	
Program increase - Regional Centers		4,000	
Program increase - Arctic Regional Center		6,000	
Defense Institute of International Legal Studies insufficient justification		-1,544	
Lift and Sustain program adjustment		-75,000	
Transfer from Regional Defense Fellowship Program to Combating Terrorism and Irregular Warfare Fellowship Program		-26,549	
Transfer to Combating Terrorism and Irregular Warfare Fellowship Program from Regional Defense Fellowship Program		26,549	
4GTJ DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	**3,138,345**	**3,228,345**	**90,000**
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	

O-1	Budget Request	Committee Recommended	Change from Request
OFFICE OF LOCAL DEFENSE COMMUNITY	**89,686**	**217,686**	**128,000**
4GTM COOPERATION			
Program increase - Defense Community Infrastructure Program		25,000	
Program increase - Noise Mitigation Community Partnership		75,000	
Program increase - Defense Manufacturing Communities		25,000	
Program increase - personnel increase		3,000	
4GTN OFFICE OF THE SECRETARY OF DEFENSE	**1,766,614**	**1,752,476**	**-14,138**
Unjustified growth		-33,000	
SO/LIC SSO program decrease		-3,664	
Transfer from SOLIC SSO to SOCT/IO		1,250	
Historical unobligated balances		-5,000	
Office of Secretary of Defense requested transfer to line 4GTC		-16,724	
Program increase - Readiness Environmental Protection Integration		5,000	
Program increase - DASD Environment civilian growth		3,000	
Program increase - CDC water contamination study and assessment		15,000	
Program increase - Information Assurance Scholarship Program		20,000	
4GTC OFFICE OF THE SECRETARY OF DEFENSE- CYBER	**32,851**	**49,575**	**16,724**
Office of Secretary of Defense requested transfer from 4GTN		16,724	
011A MISSILE DEFENSE AGENCY	**502,450**	**499,004**	**-3,446**
Unjustified growth		-3,446	
999 OTHER PROGRAMS	**17,900,146**	**17,833,213**	**-66,933**
Classified adjustment		-66,933	
P.L. 115-68 IMPLEMENTATION		**2,100**	**2,100**

HELICOPTER AND TILTROTOR NOISE MITIGATION STUDY

The Department of Defense Appropriations Act, 2021, directed the Office of Local Defense Community Cooperation to begin efforts on the Noise Mitigation Communities Partnership program which will fund mitigation efforts for communities affected by jet noise. While helicopter and tiltrotor aircraft do not generate the same noise level as jets, their accumulated noise over longer periods of time, as well as their lower flight profiles, can have similar effects on local communities. In order to assess which local communities are impacted by military helicopter and tiltrotor noise, the Committee directs the Director of the Office of Local Defense Community Cooperation to conduct a study and submit a report to the congressional defense committees not later than 360 days after the enactment of this Act with a list of military installations and training routes that are in close proximity to local communities that are used by military helicopters and tiltrotors; the accumulated day-night average sound level over a 24 hour period for these locations; noise contour maps of the defined locations exceeding a 65 decibel threshold; and the challenges of incorporating any communities affected by helicopter or tiltrotor noise into the existing Noise Mitigation Community Partnership.

FOSSIL FUELS

The Committee is concerned with the ongoing effects of climate change, including extreme weather events, recurring flooding, and sea level rise, on the Department of Defense and its operations. The Committee is also concerned that the Department is contributing to this crisis as a large consumer of fossil fuels and producer of greenhouse gases. While the Department must conduct the missions required to carry out the National Defense Strategy, the Committee believes the Department can both lower its carbon footprint and defend the nation. The Committee directs the Secretary of Defense to submit a report, with a classified annex if necessary, to the congressional defense committees not later than 180 days after the enactment of this Act on the use of fossil fuels across all defense activities in fiscal year 2021. The report shall be categorized by Service and major activity, shall include a summary of efforts by the Department to prioritize missions which lower the use of fossil fuels, and shall include technological investments made by the Department to increase energy efficiency.

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 clear-

ances 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.

CYBER EDUCATION COLLABORATIVES

The Committee remains concerned by widespread shortages in cybersecurity talent across both the public and private sector. In accordance with the recommendations of the Cyberspace Solarium Commission, the Committee encourages the Under Secretary of Defense for Research and Engineering to direct cyber-oriented units to collaborate with local colleges and universities on research, fellowships, internships, and cooperative work experiences to expand cyber-oriented education opportunities and grow the cybersecurity workforce. The Committee also appreciates that veterans and transitioning servicemembers could serve as a valuable recruiting pool to fill gaps in the cybersecurity workforce. Accordingly, the Committee encourages the Under Secretary of Defense for Research and Engineering to prioritize collaboration with colleges and universities near military installations as well as the veteran population.

FOREIGN LANGUAGE AND CULTURAL COMPETENCY EDUCATION AND WORKFORCE PIPELINE STRATEGY

The Committee is concerned that federal foreign language and cultural competency programs do not adequately invest in civilian early childhood, K–12, and higher education programs. The Committee directs the Secretary of Defense, in coordination with the Director of National Intelligence and the Service Secretaries, to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act that delineates the programs and funding levels relating to foreign language and cultural competency programs in the Department of Defense and the Intelligence Community. The report shall clearly identify any programs and funding that promote advancement particularly for females, minorities, individuals with disabilities, military students, or veterans. For each program, the report shall include each recipient's award amount, use, and effectiveness of the program to recruit students into foreign language or cultural competency programs or careers in the Department of Defense or defense industry.

Further, the Committee directs the Secretary of Defense to establish a Defense Foreign Language and Cultural Competency Education and Workforce Strategy. The Committee directs the Secretary of Defense to submit an update to the congressional defense committees not later than 45 days after the receipt of the report cited above on initial concepts, and provide the completed strategy to the congressional defense committees not later than 270 days after the enactment of the Act. The Secretary of Defense should coordinate with the Director of National Intelligence and the Secretaries of Education and State on this strategy. The strategy should include an analysis of current civilian and military hard-to-fill positions for foreign language and cultural competencies and what is estimated for the next five to ten years. The strategy should also provide recommendations on creating and/or modifying all levels of

current foreign language and cultural programs and funding to develop a comprehensive group of programs to address possible future defense workforce gaps in this arena. Within the recommendations, particular emphasis should be placed on programs that encourage women, minorities, individuals with disabilities, and veterans to pursue foreign language and cultural competency careers.

PROGRAMS FOR MILITARY SPOUSES

The Committee believes the Department's "Survey of Active Duty Spouses" lacks necessary local data to determine whether military spouse unemployment and underemployment is consistent across domestic military installations. The Committee directs the Director of Military Community Support Programs to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act which details military spouse unemployment and underemployment levels from a random sampling of domestic military installations. The report should include military spouses' employment statistics by Service and rank, and should describe possible barriers for spouses to achieve employment commensurate with their education and work experience. The report should provide recommendations to facilitate local or remote military spouse employment, including hiring opportunities for military spouses in the Department of Defense or the Services.

Multiple surveys have documented the underemployment of military spouses. Given this need, the Committee recommendation includes $5,000,000 for a pilot program, to be executed by the Director of Military Community Support Programs, for military spouse apprenticeships and fellowships. Eligibility would be the same as the requirements included in the My Career Advancement Account (MyCAA) scholarship program. The Committee directs the Director of Military Community Support Programs to provide a report to the congressional defense committees not later than 270 days after the enactment of this Act which describes the results of the pilot program, to include spouses securing full-time employment with the host organization or another organization in the same sector, and any other beneficial effects of the pilot program.

Further, the Committee recognizes that military spouses utilize MyCAA to pursue a variety of licenses or degrees. The Committee is concerned that current academic and career advising programs do not provide structured guidance that aligns civilian workforce requirements with MyCAA education institutions, programs, and courses. The Committee directs the Director of the Military Community Support Programs to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act with recommendations to augment the MyCAA academic and career advising programs with structured guidance for recommended education institutions, programs, and courses. The report should include metrics that align academic and career counseling and structured guidance with military spouses' career goals.

IMPACT AID

The Committee supports the Impact Aid and Impact Aid for Children with Disability programs. However, the Committee is concerned by possible discrepancies in how local education agencies el-

igible 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 committees not later than 120 days after the enactment of this Act that addresses any inconsistencies and recommendations to close any funding gaps.

READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM

The Committee recommendation includes $155,000,000 for the Readiness and Environmental Protection Integration (REPI) program and notes the importance of REPI and Sentinel Landscape Partnerships to the successful land and wildlife conservation activities on land buffering military installations, as well as activities to address the threats of stormwater, riverine, and storm surge flooding. Additionally, the Committee directs the Secretary of Defense to use $5,000,000 in funds provided for REPI to partner with the United States Forest Service in establishing habitats for the monarch butterfly on land managed through the REPI program.

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.

MILITARY BASES OF THE PEOPLE'S REPUBLIC OF CHINA

According to the 2020 China Military Power Report, the People's Republic of China is seeking to establish more overseas logistics and basing infrastructure. The Committee is concerned that the expected locations of these additional Chinese bases are in countries where the United States has strong bilateral defense relationships. These potential basing locations could also threaten logistics and supply lines in the event of conflict. The Committee directs the Secretary of Defense and the Director of National Intelligence to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act on China's efforts to establish military bases abroad and United States efforts to work with partner nations to prevent their establishment. The report shall describe the potential risks to United States national security, including in relation to the stationing of United States troops and the freedom of movement of United States and allied forces. The report shall also include a description of any provisioning of United States military equipment and detail the bilateral intelligence sharing relationships that exist between the United States and countries suspected to host Chinese bases.

REPORT ON HOSTILITIES

The Committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act on ongoing activities considered hostilities under the War Powers Resolution (50 U.S.C. 1541 et seq.).

WESTERN HEMISPHERE

The Committee encourages a thorough assessment of activities and resources in the preparation of the report required by section 1265 of the National Defense Authorization Act for Fiscal Year 2020 and looks forward to reviewing the final Department of Defense report and recommendations.

ASSISTANT SECRETARY OF DEFENSE FOR SPECIAL OPERATIONS AND LOW INTENSITY CONFLICT

The fiscal year 2022 budget request includes an additional $9,420,000 and 19 full-time equivalents (FTE) for the Office of the Assistant Secretary of Defense for Special Operations and Low Intensity Conflict. The Committee recommendation includes a reduction of $3,664,000 and five FTEs for the Secretariat for Special Operations and transfers five FTEs to the Information Operations Directorate within the Office of the Deputy Assistant Secretary of Defense of Special Operations and Combatting Terrorism.

INFORMATION OPERATIONS

The Committee recognizes the unique capabilities of United States Special Operations Command (USSOCOM) to conduct operations in the information environment and supports the Department's efforts to enable special operations forces to counter Chinese and Russian malign influence. The establishment of the Information Warfare Center, the maturation of the Joint Military Information Support Operations WebOps Center and the regular deployments of Military Information Support Teams from psychological operations regiments, uniquely position special operations forces for great power competition. While the Committee recommendation includes the four requested full-time equivalents (FTE) for the Principal Information Operations Advisor and five additional FTEs for the Information Operations Directorate within the Office of the Assistant Secretary of Defense for Special Operations and Low Intensity Conflict, the Committee believes special operations forces can be more impactful in the information environment in support of United States policy objectives. Additional resources to support new and novel operations are necessary. Therefore, the recommendation includes an additional $5,000,000 above the budget request for USSOCOM Information Operations. The Committee directs the Commander of USSOCOM to submit a detailed spend plan to the House and Senate Appropriations Committees not fewer than 30 days prior to the obligation of the funds.

JOINT SPECTRUM CENTER

The Committee directs the Secretary of Defense to provide the House and Senate Appropriations Committees with an update on

the facility chosen for the Joint Spectrum Center's relocation and the timeline for execution not later than 120 days after the enactment of this Act.

WARTIME OPERATIONAL CONTROL AUTHORITY

The Committee recognizes the central role the alliance between the United States and the Republic of Korea plays in maintaining peace and security on the Korean Peninsula and across the region. As the Department of Defense and the South Korean Ministry of National Defense evaluate the conditions-based Operational Control Transition Plan, the Committee encourages the Secretary of Defense to continue to incorporate emerging regional threats into the transition process.

THEATER SPECIAL OPERATIONS COMMAND ACTIVITIES

The Committee directs the Assistant Secretary of Defense for Special Operations/Low Intensity Conflict, in coordination with the Commander of United States Special Operations Command, the Service Secretaries, and the Chairman of the Joint Chiefs of Staff, to provide a report on the activities of Theater Special Operations Commands (TSOCs). The report shall be provided with the fiscal year 2023 budget request submission and include a detailed accounting of activities performed by the TSOCs in the preceding year, current fiscal year, and current budget request submission at the budget line item level of detail. The report shall include a detailed accounting of resources allocated by the military Services, United States Special Operations Command, and the combatant commands.

CLIMATE CHANGE REPORT AND ADAPTATION ROADMAP

The Committee notes the Secretary of Defense is required to submit a report which contains a list of the top ten most climate-vulnerable bases within each Service and provides a cost estimate to mitigate the risks at each of these bases to the congressional defense committees as directed in House Report 116–84. The Committee understands that the Department, in coordination with the Army Corps of Engineers, has completed the development of a tool to meet this requirement and better assess exposure to extreme weather and climate impacts. The Committee understands the Department is near completion of an updated report and expects the Secretary of Defense to brief the congressional defense committees on the updated report upon release. Further, the Committee directs the Secretary of Defense to make the report available on the Department's website not later than 30 days after the enactment of this 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.

ENERGY RESILIENCE AND CONSERVATION

The Committee encourages the Secretary of Defense to capitalize on current growth in the fields of energy efficiency, management, and resiliency, and explore opportunities to make significant progress towards reducing energy costs, increasing the use of renewable energy sources, and reducing carbon emissions. The Department currently segregates energy into two categories: installation energy, which is 30 percent of the Department's portfolio, and operational energy, which is 70 percent of the Department's portfolio. Only installation energy, encompassing energy for fixed installations and non-tactical vehicles, is subject to federal energy management requirements. The Committee directs the Secretary of Defense to study the implications of applying federal energy management requirements to both its installation energy operations as well as its operational energy operations and to provide a report to the congressional defense committees not later than 120 days after the enactment of this Act on the Department's findings. The report should include a study of the implication of requiring the Department to establish energy security and resilience metrics to evaluate the Services' and the combatant commands' energy consumption, carbon footprints, and progress towards energy conservation.

SUPPORT FOR TRIBAL CONSULTATION AND NATION-TO-NATION RELATIONSHIPS

In January 2021, the Administration issued a Presidential Memorandum on Tribal Consultation and Strengthening Nation-to-Nation Relationships. The Memorandum requires all executive departments and agencies to create a plan of action to implement Executive Order 13175, which requires federal agencies to engage in regular, meaningful, and robust consultation with tribes when developing policies with tribal implications. The Committee expects 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 congressional defense committees not later than 60 days after the enactment of this Act which outlines the Department's progress in implementing its plan of action to adhere to Executive Order 13175.

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.

VOTING

The Committee supports the timely distribution of ballots to all military personnel, including by electronic means, to ensure they have the opportunity to vote. The Committee encourages the Secretary of Defense to execute the provisions of the Military and Overseas Voter Empowerment Act as efficiently and effectively as possible to ensure servicemembers receive timely voting ballots.

NATIONAL GUARD YOUTH CHALLENGE

The Committee is disturbed by reports of inconsistent approaches taken by individual states in the execution of the National Guard Youth Challenge program. The Committee notes the last review of the program by the Government Accountability Office was in 2005. Therefore, the Committee directs the Comptroller General to provide a report to the congressional defense committees not later than 180 days after the enactment of this Act that reviews historical trends of the program; the consistency of mission execution by each of the states; details of the guidelines and lesson plans by each of the states; metrics for what is considered a "successful" program and those used to meet that goal; and what, if any, consistent oversight is being accomplished by the National Guard Bureau, the Department of Defense or other department or agency.

DEFENSE SECURITY COOPERATION AGENCY PROGRAMS

The Committee recommendation includes $2,113,146,000 for programs administered by the Defense Security Cooperation Agency. Section 8146 of the Act requires the Secretary of Defense to submit a detailed spend plan for these funds, which shall include amounts planned for each program listed in the budget justification documents and, for International Security Cooperation Programs, amounts provided in the prior two fiscal years and planned for fiscal year 2022 by combatant command, country, and authority. Amounts in the plan shall only reflect amounts requested in the fiscal year 2022 budget justification materials as modified by this Act. A similar document with requested amounts shall also be provided to the House and Senate Appropriations Committees concurrent with the fiscal year 2023 budget submission.

The Committee recommendation includes $1,138,150,000 for International Security Cooperation Programs, $87,244,000 above the budget request. This includes $165,000,000 for programs with countries in the Africa Command area of responsibility, $59,571,000 above the request; $90,000,000 for programs with Jordan, $12,699,000 above the request; and $150,000,000 for the Baltic Security Initiative, $45,140,000 above the request. The Committee directs that not less than such amounts be specified in the spend plan. The recommendation also supports International Security Cooperation Programs with countries in the Indo-Pacific Command area of responsibility, including for maritime security programs.

The Committee is concerned by Russia's aggressive actions this year, including increased deployment of troops in the border region with Ukraine and the restriction of navigation in the Black Sea. The Committee continues to support the defense of Ukraine by providing $275,000,000 for the Ukraine Security Assistance Initiative, $25,000,000 above the budget request. The Committee expects the Secretary of Defense to obligate funds in a timely manner and continues to include legislative language requiring the Secretary to inform the congressional defense committees if funds have not been obligated 60 days after a notification is submitted. The Committee 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 encourages the Government of Ukraine to continue to adopt reforms in the defense sector, including in the areas of capability-based planning, defense industry and procurement, human resources management, democratic civilian control of the military, and establishing a process to review foreign direct investments on national security grounds. The Committee also supports measures to reduce corruption in Ukraine's security services and directs the Secretary of Defense to update the report required by House Report 116–84 and to submit it concurrently with the second notification of funds. The Committee recommendation does not continue an authority included in prior fiscal years that provides replacement funds for items provided from the inventory of the

United States as a similar authority is available under the Economy Act.

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, section 8154 of the Act requires the Secretary of Defense, in cooperation with the Secretary of State, to submit an integrated security cooperation strategy for assistance for certain priority partner countries, including Colombia, Jordan, Mexico, the Philippines, Tunisia, and Ukraine. 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 2022 and the prior two fiscal years; and a description of host country capabilities and financial contributions towards shared security goals. The Secretary shall consult with the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act.

The Committee recommendation includes $6,000,000 for the Center for Arctic Security Studies, which is in the process of being established. The Committee believes the work of the Center should complement and not duplicate the work of other institutions that focus on arctic issues such as the Woodrow Wilson's Polar Institute, and expects the Department of Defense to consider such work as it establishes this Center.

The Committee recommendation does not include funding for any unit of the Guatemalan Armed Forces that has engaged in a gross violation of human rights or has misused United States military assistance, especially by threatening United States or international personnel in Guatemala. The Committee directs that any notification for funds for Guatemala include a description of enhanced end-use agreements and other measures in place to avoid any misuse of equipment. The Committee further directs the Secretary of Defense, in coordination with the Secretary of State, to submit a report to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act on security cooperation programs with Guatemala supported by this Act, including a description of the goals of such programs; how such programs complement those supported by the Department of State; and information on measures taken or planned to prevent the misuse of equipment.

The Committee remains interested in Army security force assistance brigade deployments and directs that any congressional notification made pursuant to 10 U.S.C. 321 or 10 U.S.C. 333 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 is concerned with the recent practice by the Department of Defense of submitting congressional notifications for

funds that have not been made available by Congress. On October 8, 2020, the Department submitted a notification for fiscal year 2021 security cooperation programs totaling $563,930,000, nearly twice the amount available under the continuing resolution. A second notification was submitted on December 9, 2020 for fiscal year 2021 funds totaling $228,145,000. These notifications also proposed to obligate funds for new programs during the continuing resolution period. The Committee expects the Department to discontinue this practice, which prejudges congressional action on appropriations.

The Committee notes the significant unobligated balances from prior year appropriations and the Committee recommendation includes a rescission of some of these funds. The Committee directs that such funds are not derived from congressional priorities, including programs increased by fiscal year 2021 appropriations, and directs the Secretary of Defense to consult with the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act.

The Committee appreciates the Department's in-depth briefings provided to the Committee on certain country programs, which contribute to congressional oversight, help clarify congressional intent regarding program execution, and increases comity between the executive and legislative branches of government. At the same time, the Committee is concerned about organizational changes made to the Defense Security Cooperation Agency without congressional approval or oversight. In April 2021, the agency informed the Committee that it had undergone a reorganization, executed outside of the budget cycle and without consultation with Congress or key stakeholders. The Committee expects the Director of the Defense Security Cooperation Agency to consult with the House and Senate Appropriations Committees prior to making any further changes.

DIGITAL PROTECTION

The Committee understands that protecting military personnel from a variety of social media crimes such as fraud, spoofing, or phishing is critically important as criminals and other nefarious actors attempt to use social media networks to try to commit fraud, harm military personnel, or spread disinformation. The Committee encourages the Under Secretary of Defense for Intelligence and Security to consider creating a Digital Persona Protection pilot program to protect military personnel from these digital scams and the spread of disinformation.

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 con-

tinue partnering with leading non-profit organizations aimed at addressing the broad range of services required by individuals with special needs. The Committee encourages the Director of the Department of Defense Office of Community Support for Families with Special Needs and the leader of each Service Exceptional Family Member Program to establish partnerships with nonprofit organizations that offer coordinated and tracked services for individuals with special needs that focus on providing comprehensive, integrated medical, and nonmedical services for individuals with special needs.

AFGHANISTAN SECURITY FORCES FUND

Fiscal year 2022 budget request	$3,327,810,000
Committee recommendation	3,045,341,000
Change from budget request	−282,469,000

The Committee recommends an appropriation of $3,045,341,000 for the Afghanistan Security Forces Fund which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommendation	Change from Request
AFGHAN NATIONAL ARMY	1,110,234	1,108,416	−1,818
Sustainment	1,053,668	1,053,668	
Infrastructure	1,818	0	
Program decrease		−1,818	
Equipment and Transportation	22,911	22,911	
Training and Operations	31,837	31,837	
AFGHAN NATIONAL POLICE	517,331	517,331	0
Sustainment	440,628	440,628	
Equipment and Transportation	38,551	38,551	
Training and Operations	38,152	38,152	
AFGHAN AIR FORCE	758,340	807,751	49,411
Sustainment	562,056	562,056	
Equipment and Transportation	26,600	76,011	
Program increase—light attack support aircraft replacement		49,411	
Training and Operations	169,684	169,684	
AFGHAN SPECIAL SECURITY FORCES	941,905	941,905	0
Sustainment	685,176	685,176	
Equipment and Transportation	78,962	78,962	
Training and Operations	177,767	177,767	
UNDISTRIBUTED REDUCTION	0	−330,062	−330,062
TOTAL, AFGHANISTAN SECURITY FORCES FUND	3,327,810	3,045,341	−282,469

AFGHANISTAN SECURITY FORCES FUND

The Committee honors the service and sacrifices made by United States servicemembers over the nearly two decades of war in Afghanistan. The Committee also expresses its gratitude to international allies and partners for their important contributions to Operation Enduring Freedom and Operation Freedom's Sentinel. Finally, the Committee recognizes the sacrifices made by the Afghan Security Forces and Afghan citizens in defense of their country.

The Committee recommendation provides the financial resources necessary for the Afghan Security Forces to sustain combat and

counterterrorism operations. The Committee continues to monitor the ongoing conflict and the retrograde of the United States military and will consider the appropriate level of resources as the situation on the ground evolves. The Committee directs the Secretary of Defense to provide quarterly briefings on the status of the conflict to the House and Senate Appropriations Committees.

The United States has a responsibility to Afghans who, often at great risk, have supported the mission in Afghanistan, and the Committee supports efforts to ensure that they are afforded a path to safety, including through the Afghan Special Immigrant Visa program. However, the Committee is concerned with the backlog of current applications and urges the Secretary of Defense to review and improve the Department of Defense's contribution to this process. Furthermore, and in light of the Department's unique security and logistical capabilities, the Committee recommendation provides $25,000,000 to the Department of Defense to provide transport and safe passage to Afghans who have provided faithful and valuable service to the United States and who are under serious threat. The Committee expects the Secretary to use this authority and funding in relation to the dynamic security environment.

The Committee recommendation continues to include legislative language that provides that funds appropriated under this heading may only be obligated if the Secretary of Defense, in consultation with the Secretary of State, certifies in writing to the congressional defense committees that such forces are controlled by a civilian, representative government that is committed to protecting human rights and women's rights and preventing terrorists and terrorist groups from using the territory of Afghanistan to threaten the security of the United States and its allies. The Committee directs that the certification include a written justification and be submitted prior to the first notification of funds provided under this heading.

The Committee continues to be concerned with the proper oversight of funds, particularly given the challenges of administering programs from over-the-horizon locations. Accordingly, the Committee recommendation includes new legislative language requiring that funds may only be obligated after the Secretary of Defense certifies in writing to the congressional defense committees that a program is in place to monitor, evaluate, and oversee such funds. The certification shall include a detailed description of the program, including measures to ensure that supplies and equipment are reaching their intended recipients and used for their intended purposes, and any other measures to prevent waste, fraud, and abuse.

The Committee recommendation does not include funding for major capital projects, major upgrades, infrastructure, or the procurement of new systems. The recommendation includes funding for Afghanistan Army personnel in line with historical levels rather than authorized levels. The recommendation does not include funding requested for the Ministry of Defense Advisors Program, which is instead funded under Operation and Maintenance, Defense-Wide, for the Defense Security Cooperation Agency. The Committee supports ongoing efforts to transition Afghanistan Security Forces costs from the United States to the Government of Afghanistan,

and the recommendation assumes the transition of an increasing portion of costs related to fuel and facilities sustainment, restoration, and modernization.

The Committee recommendation fully funds the request for the Afghanistan Personnel and Pay System and continues to include legislative language that requires that funding only be used to pay personnel who are enrolled in the system. The recommendation also includes funding for items to reduce Afghanistan Security Forces casualties, including equipment for explosive ordnance disposal and to counter improvised explosive devices. The recommendation also provides funding for the Afghanistan Air Force to replace three light attack support aircraft.

The Committee recommendation provides not less than $20,000,000 for the recruitment and retention of women in the Afghanistan National Security Forces, and the recruitment and training of female security personnel. The Committee directs the Secretary of Defense to submit an updated report to the congressional defense committees describing the proposed use of such funds, including programmatic details, personnel targets, and other goals and objectives to be achieved with this funding. The Committee directs that the report be submitted concurrently with the submission of the first notification of funds provided under this heading.

The Administration has stated the intent to continue the counterterrorism mission in Afghanistan by establishing over-the-horizon logistics and counterterrorism platforms. The Department has provided several updates to the Committee, but they lack clarity on the scope and cost of future operations. Therefore, the Committee directs the Secretary of Defense to brief the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act on plans to establish over-the-horizon platforms, including the number of United States personnel necessary to carry out these missions; basing agreements and arrangements with host countries; a description of the authorities used to conduct these operations; and costs during the current fiscal year and requested for fiscal year 2022, by program, account, and activity.

The Committee notes that the Department of Defense has not complied with reporting requirements included under this heading in the Department of Defense Appropriations Act, 2021, and directs that such reports be submitted not later than 30 days after the enactment of this Act.

COUNTER-ISIS TRAIN AND EQUIP FUND

Fiscal year 2022 budget request	$522,000,000
Committee recommendation	500,000,000
Change from budget request	−22,000,000

The Committee recommends an appropriation of $500,000,000 for the Counter-ISIS Train and Equip Fund which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Iraq Train and Equip	345,000	345,000	0
Syria Train and Equip	177,000	155,000	−22,000
Program decrease		−22,000	
TOTAL, COUNTER-ISIS TRAIN AND EQUIP FUND	522,000	500,000	−22,000

COUNTER-ISIS TRAIN AND EQUIP FUND

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 Committee recommendation includes $345,000,000 to counter ISIS in Iraq, including stipend support to the Ministry of Peshmerga Affairs, if necessary, to ensure the Peshmerga's continued ability to conduct operations against ISIS. The Committee expects that future budget requests will provide a glidepath for stipend support while continuing training, equipment, and sustainment. The Committee also notes that continued insecurity in northern Iraq has hindered the return of religious minorities and encourages a focus on programs that increase security in these areas.

The Committee recommendation includes $155,000,000 to counter ISIS in Syria. The Committee continues to require that the Secretary of Defense ensure elements are appropriately vetted and receiving commitments that they promote respect for human rights and the rule of law.

The Committee directs that congressional notifications 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 by the Department of Defense. The Committee also directs the Secretary of Defense to consult with the House and Senate Appropriations Committees prior to submitting any notification for construction for facility fortification.

The Committee supports efforts to normalize the security relationship with Iraq. In line with expected progress to normalize security assistance, the Committee recommendation reduces funding requested under Operation and Maintenance, Air Force, for the Office of Security Cooperation-Iraq.

No funds were requested for the Badr Organization or for the Iraqi Popular Mobilization Forces and none are provided by this Act.

OPERATION AND MAINTENANCE, ARMY RESERVE

Fiscal year 2022 budget request	$3,000,635,000
Committee recommendation	2,992,135,000
Change from budget request	−8,500,000

The Committee recommends an appropriation of $2,992,135,000 for Operation and Maintenance, Army Reserve which will provide the following program in fiscal year 2022:

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	10,465	10,465	---
20	ECHELONS ABOVE BRIGADES	554,992	554,992	---
30	THEATER LEVEL ASSETS	120,892	120,892	---
40	LAND FORCES OPERATIONS SUPPORT	597,718	597,718	---
50	AVIATION ASSETS	111,095	111,095	---
	LAND FORCES READINESS			
60	FORCES READINESS OPERATIONS SUPPORT	385,506	385,506	---
70	LAND FORCES SYSTEM READINESS	98,021	98,021	---
80	DEPOT MAINTENANCE	34,368	34,368	---
	LAND FORCES READINESS SUPPORT			
90	BASE OPERATIONS SUPPORT	584,513	584,513	---
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	342,433	342,433	---
110	MANAGEMENT AND OPERATIONS HEADQUARTERS	22,472	22,472	---
120	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	2,764	2,764	---
130	CYBERSPACE ACTIVITIES - CYBERSECURITY	7,476	7,476	---
	TOTAL, BUDGET ACTIVITY 1	2,872,715	2,872,715	---
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	LOGISTICS OPERATIONS			
140	SERVICEWIDE TRANSPORTATION	15,400	15,400	---
150	ADMINISTRATION	19,611	19,611	---
160	SERVICEWIDE COMMUNICATIONS	37,458	37,458	---
170	PERSONNEL/FINANCIAL ADMINISTRATION	7,162	7,162	---
180	RECRUITING AND ADVERTISING	48,289	48,289	---
	TOTAL, BUDGET ACTIVITY 4	127,920	127,920	---
	HISTORICAL UNOBLIGATION	---	-10,000	-10,000
	TRAUMA TRAINING	---	1,500	+1,500
	TOTAL, OPERATION AND MAINTENANCE, ARMY RESERVE	3,000,635	2,992,135	-8,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
HISTORICAL UNOBLIGATED BALANCES		-10,000	-10,000
TRAUMA TRAINING		1,500	1,500

OPERATION AND MAINTENANCE, NAVY RESERVE

Fiscal year 2022 budget request	$1,148,698,000
Committee recommendation	1,147,698,000
Change from budget request	−1,000,000

The Committee recommends an appropriation of $1,147,698,000 for Operation and Maintenance, Navy Reserve which will provide the following program in fiscal year 2022:

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	628,522	628,522	---
20	INTERMEDIATE MAINTENANCE	9,593	9,593	---
30	AIRCRAFT DEPOT MAINTENANCE	135,280	135,280	---
40	AIRCRAFT DEPOT OPERATIONS SUPPORT	497	497	---
50	AVIATION LOGISTICS	29,435	29,435	---
70	COMBAT COMMUNICATIONS	18,469	18,469	---
80	COMBAT SUPPORT FORCES	136,710	136,710	---
90	CYBERSPACE ACTIVITIES	440	440	---
100	ENTERPRISE INFORMATION	26,628	26,628	---
110	SUSTAINMENT, RESTORATION & MODERNIZATION	42,311	42,311	---
120	BASE OPERATING SUPPORT	103,606	103,606	---
	TOTAL, BUDGET ACTIVITY 1	1,131,491	1,131,491	---
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
130	ADMINISTRATION	1,943	1,943	---
140	MILITARY MANPOWER & PERSONNEL MANAGEMENT	12,191	12,191	---
150	ACQUISITION AND PROGRAM MANAGEMENT	3,073	3,073	---
	TOTAL, BUDGET ACTIVITY 4	17,207	17,207	---
	HISTORICAL UNOBLIGATION	---	-2,500	-2,500
	TRAUMA TRAINING	---	1,500	+1,500
	TOTAL, OPERATION AND MAINTENANCE, NAVY RESERVE	1,148,698	1,147,698	-1,000

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
HISTORICAL UNOBLIGATED BALANCES		-2,500	-2,500
TRAUMA TRAINING		1,500	1,500

OPERATION AND MAINTENANCE, MARINE CORPS RESERVE

Fiscal year 2022 budget request	$285,050,000
Committee recommendation	286,550,000
Change from budget request	+1,500,000

The Committee recommends an appropriation of $286,550,000 for Operation and Maintenance, Marine Corps Reserve which will provide the following program in fiscal year 2022:

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	102,271	102,271	---
20	DEPOT MAINTENANCE	16,811	16,811	---
30	SUSTAINMENT, RESTORATION & MODERNIZATION	42,702	42,702	---
40	BASE OPERATING SUPPORT	109,210	109,210	---
	TOTAL, BUDGET ACTIVITY 1	270,994	270,994	---
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
50	ADMINISTRATION	14,056	14,056	---
	TOTAL, BUDGET ACTIVITY 4	14,056	14,056	---
	TRAUMA TRAINING	---	1,500	+1,500
	TOTAL, OPERATION & MAINTENANCE, MARINE CORPS RESERVE	285,050	286,550	+1,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
TRAUMA TRAINING		1,500	1,500

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Fiscal year 2022 budget request	$3,352,106,000
Committee recommendation	3,335,606,000
Change from budget request	−16,500,000

The Committee recommends an appropriation of $3,335,606,000 for Operation and Maintenance, Air Force Reserve which will provide the following program in fiscal year 2022:

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	PRIMARY COMBAT FORCES	1,665,015	1,665,015	---
20	MISSION SUPPORT OPERATIONS	179,486	179,486	---
30	DEPOT PURCHASE EQUIPMENT MAINTENANCE	530,540	530,540	---
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	114,987	114,987	---
50	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	254,831	254,831	---
60	BASE SUPPORT	470,801	470,801	---
70	CYBERSPACE ACTIVITIES	1,372	1,372	---
	TOTAL, BUDGET ACTIVITY 1	3,217,032	3,217,032	---
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
80	ADMINISTRATION	91,289	91,289	---
90	RECRUITING AND ADVERTISING	23,181	23,181	---
100	MILITARY MANPOWER AND PERS MGMT (ARPC)	13,966	13,966	---
110	OTHER PERS SUPPORT (DISABILITY COMP)	6,196	6,196	---
120	AUDIOVISUAL	442	442	---
	TOTAL, BUDGET ACTIVITY 4	135,074	135,074	---
	HISTORICAL UNOBLIGATION	---	-18,000	-18,000
	TRAUMA TRAINING	---	1,500	+1,500
	TOTAL, OPERATION AND MAINTENANCE, AIR FORCE RESERVE	3,352,106	3,335,606	-16,500

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommended	Change from Request
HISTORICAL UNOBLIGATED BALANCES		-18,000	-18,000
TRAUMA TRAINING		1,500	1,500

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Fiscal year 2022 budget request	$7,647,209,000
Committee recommendation	7,617,209,000
Change from budget request	−30,000,000

The Committee recommends an appropriation of $7,617,209,000 for Operation and Maintenance, Army National Guard which will provide the following program in fiscal year 2022:

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	MANEUVER UNITS	799,854	812,854	+13,000
20	MODULAR SUPPORT BRIGADES	211,561	211,561	---
30	ECHELONS ABOVE BRIGADE	835,709	835,709	---
40	THEATER LEVEL ASSETS	101,179	101,179	---
50	LAND FORCES OPERATIONS SUPPORT	34,436	34,436	---
60	AVIATION ASSETS	1,110,416	1,100,416	-10,000
	LAND FORCES READINESS			
70	FORCE READINESS OPERATIONS SUPPORT	704,827	704,827	---
80	LAND FORCES SYSTEMS READINESS	47,886	47,886	---
90	LAND FORCES DEPOT MAINTENANCE	244,439	244,439	---
	LAND FORCES READINESS SUPPORT			
100	BASE OPERATIONS SUPPORT	1,097,960	1,097,960	---
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	956,988	956,988	---
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,047,870	1,047,870	---
130	CYBERSPACE ACTIVITIES - CYBERSPACE OPERATIONS	8,071	8,071	---
140	CYBERSPACE ACTIVITIES - CYBERSECURITY	7,828	7,828	---
	TOTAL, BUDGET ACTIVITY 1	7,209,024	7,212,024	+3,000
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
150	SERVICEWIDE TRANSPORTATION	8,017	8,017	---
160	ADMINISTRATION	76,993	81,993	+5,000
170	SERVICEWIDE COMMUNICATIONS	101,113	101,113	---
180	MANPOWER MANAGEMENT	8,920	8,920	---
190	OTHER PERSONNEL SUPPORT	240,292	240,292	---

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
200	REAL ESTATE MANAGEMENT	2,850	2,850	---
	TOTAL, BUDGET ACTIVITY 4	438,185	443,185	+5,000
	HISTORICAL UNOBLIGATION	---	-40,000	-40,000
	TRAUMA TRAINING	---	2,000	+2,000
	TOTAL, OPERATION & MAINTENANCE, ARMY NATIONAL GUARD	7,647,209	7,617,209	-30,000

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1		Budget Request	Committee Recommended	Change from Request
111	**MANEUVER UNITS**	**799,854**	**812,854**	**13,000**
	Program increase - Northern Strike		13,000	
116	**AVIATION ASSETS**	**1,110,416**	**1,100,416**	**-10,000**
	Unjustified growth		-10,000	
431	**ADMINISTRATION**	**76,993**	**81,993**	**5,000**
	Program increase - State Partnership Program		5,000	
	HISTORICAL UNOBLIGATED BALANCES		**-40,000**	**-40,000**
	TRAUMA TRAINING		**2,000**	**2,000**

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Fiscal year 2022 budget request	$6,574,020,000
Committee recommendation	6,568,750,000
Change from budget request	−5,270,000

The Committee recommends an appropriation of $6,568,750,000 for Operation and Maintenance, Air National Guard which will provide the following program in fiscal year 2022:

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	AIRCRAFT OPERATIONS	2,281,432	2,291,432	+10,000
20	MISSION SUPPORT OPERATIONS	582,848	586,548	+3,700
30	DEPOT PURCHASE EQUIPMENT MAINTENANCE	1,241,318	1,241,318	---
40	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	353,193	353,193	---
50	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,077,654	1,077,654	---
60	BASE SUPPORT	908,198	927,228	+19,030
70	CYBERSPACE SUSTAINMENT	23,895	23,895	---
80	CYBERSPACE ACTIVITIES	17,263	17,263	---
	TOTAL, BUDGET ACTIVITY 1	6,485,801	6,518,531	+32,730
	BUDGET ACTIVITY 4: ADMIN & SERVICEWIDE ACTIVITIES			
90	ADMINISTRATION	46,455	46,455	---
100	RECRUITING AND ADVERTISING	41,764	41,764	---
	TOTAL, BUDGET ACTIVITY 4	88,219	88,219	---
	HISTORICAL UNOBLIGATION	---	-40,000	-40,000
	TRAUMA TRAINING	---	2,000	+2,000
	TOTAL, OPERATION & MAINTENANCE, AIR NATIONAL GUARD	6,574,020	6,568,750	-5,270

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

O-1	Budget Request	Committee Recommened	Change from Request
11F AIRCRAFT OPERATIONS	**2,281,432**	**2,291,432**	**10,000**
Program increase - RC-26B		10,000	
11G MISSION SUPPORT OPERATIONS	**582,848**	**586,548**	**3,700**
Program increase - State Partnership Program		3,700	
11Z BASE OPERATING SUPPORT	**908,198**	**927,228**	**19,030**
Program increase - PFAS remediation		19,030	
TRAUMA TRAINING		**2,000**	**2,000**
HISTORICAL UNOBLIGATED BALANCES		**-40,000**	**-40,000**

UNITED STATES COURT OF APPEALS FOR THE ARMED FORCES

Fiscal year 2022 budget request	$15,589,000
Committee recommendation	15,589,000
Change from budget request	– – –

The Committee recommends an appropriation of $15,589,000 for the United States Court of Appeals for the Armed Forces.

ENVIRONMENTAL RESTORATION, ARMY

Fiscal year 2022 budget request	$200,806,000
Committee recommendation	251,008,000
Change from budget request	+50,202,000

The Committee recommends an appropriation of $251,008,000 for Environmental Restoration, Army.

ENVIRONMENTAL RESTORATION, NAVY

Fiscal year 2022 budget request	$298,250,000
Committee recommendation	372,813,000
Change from budget request	+74,563,000

The Committee recommends an appropriation of $372,813,000 for Environmental Restoration, Navy.

ENVIRONMENTAL RESTORATION, AIR FORCE

Fiscal year 2022 budget request	$301,768,000
Committee recommendation	377,210,000
Change from budget request	+75,442,000

The Committee recommends an appropriation of $377,210,000 for Environmental Restoration, Air Force.

ENVIRONMENTAL RESTORATION, DEFENSE-WIDE

Fiscal year 2022 budget request	$8,783,000
Committee recommendation	10,979,000
Change from budget request	+2,196,000

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

ENVIRONMENTAL RESTORATION, FORMERLY USED DEFENSE SITES

Fiscal year 2022 budget request	$218,580,000
Committee recommendation	292,580,000
Change from budget request	+74,000,000

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 2022 budget request	$110,051,000
Committee recommendation	150,051,000
Change from budget request	+40,000,000

The Committee recommends an appropriation of $150,051,000 for Overseas Humanitarian, Disaster, and Civic Aid, which will provide the following program in fiscal year 2022:

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	75,051	102,551	27,500
Program increase		27,500	
HUMANITARIAN MINE ACTION PROGRAM	15,000	22,500	7,500
Program increase		7,500	
TOTAL, OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	110,051	150,051	40,000

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

The Committee directs the Secretary of Defense to submit a spend plan to the House and Senate Appropriations Committees not later than 45 days after the enactment of this Act for the Humanitarian Assistance and the Humanitarian Mine Action Program. 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. The Committee further directs that such information be included in the justification materials that accompany the fiscal year 2023 budget request.

The Committee is concerned that humanitarian assistance shipping programs have reduced shipments to areas of need, particularly in Africa and Asia. The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than 90 days after the enactment of this Act on measures to ensure the equitable distribution of humanitarian assistance across countries in need, including assistance that supports basic education.

COOPERATIVE THREAT REDUCTION ACCOUNT

Fiscal year 2022 budget request	$239,849,000
Committee recommendation	344,849,000
Change from budget request	+105,000,000

The Committee recommends an appropriation of $344,849,000 for the Cooperative Threat Reduction Account which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Strategic Offensive Arms Elimination	2,997	2,997	0
Chemical Weapons Destruction	13,250	13,250	0
Global Nuclear Security	17,767	17,767	0
Biological Threat Reduction Program	124,022	229,022	105,000
Program increase—Biological Threat Reduction Program		105,000	
Proliferation Prevention Program	58,754	58,754	0
Other Assessments/Admin Costs	23,059	23,059	0

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS—Continued

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
TOTAL, COOPERATIVE THREAT REDUCTION ACCOUNT	239,849	344,849	105,000

COOPERATIVE THREAT REDUCTION PROGRAM

The Committee supports the biological threat reduction program and its crucial role in detecting, preparing for, and fighting emerging global diseases, including pandemics, as well as reducing the proliferation of biological weapons and related technologies and expertise. The Committee recommendation includes $229,022,000, an increase of $105,000,000 above the budget request, to expand the program's cooperation with partner nations to improve biosafety and biosecurity and surveillance of potentially dangerous disease outbreaks. The Committee directs the Director of the Defense Threat Reduction Agency to submit a plan to the congressional defense committees not later than 90 days after the enactment of this Act detailing specific projects and activities that will be conducted in fiscal year 2022 and the associated metrics to evaluate the effectiveness of the program.

DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT ACCOUNT

Fiscal year 2022 budget request	$54,679,000
Committee recommendation	54,679,000
Change from budget request	– – –

The Committee recommends an appropriation of $54,679,000 for the Department of Defense Acquisition Workforce Development Account.

TITLE III

PROCUREMENT

The fiscal year 2022 Department of Defense procurement budget request totals $132,546,005,000. The Committee recommendation provides $134,288,195,000 for the procurement accounts. The table below summarizes the Committee recommendations:

PROCUREMENT
(DOLLARS IN THOUSANDS)

	REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
SUMMARY						
ARMY						
AIRCRAFT	---	2,806,452	---	3,215,131		+408,679
MISSILES	---	3,556,251	---	3,496,591		-59,660
WEAPONS AND TRACKED COMBAT VEHICLES	---	3,875,893	---	3,811,616		-64,277
AMMUNITION	---	2,158,110	---	2,243,933		+85,823
OTHER	---	8,873,558	---	8,537,213		-336,345
TOTAL, ARMY	---	21,270,264	---	21,304,484		+34,220
NAVY						
AIRCRAFT	---	16,477,178	---	16,998,875		+521,697
WEAPONS	---	4,220,705	---	3,718,711		-501,994
AMMUNITION	---	988,018	---	879,388		-108,630
SHIPS	---	22,571,059	---	23,486,398		+915,339
OTHER	---	10,875,912	---	10,451,162		-424,750
MARINE CORPS	---	3,043,091	---	2,835,365		-207,726
TOTAL, NAVY	---	58,175,963	---	58,369,899		+193,936
AIR FORCE						
AIRCRAFT	---	15,727,669	---	16,628,047		+900,378
MISSILES	---	2,669,811	---	2,529,462		-140,349
AMMUNITION	---	795,168	---	672,321		-122,847
OTHER		25,251,137		25,292,801		+41,664
TOTAL, AIR FORCE	---	44,443,785	---	45,122,631		+678,846
SPACE FORCE						
SPACE PROGRAMS		2,766,854		2,741,708		-25,146
TOTAL, SPACE FORCE		2,766,854		2,741,708		-25,146
DEFENSE-WIDE						
DEFENSE-WIDE	---	5,548,212	---	5,413,546		-134,666
NATIONAL GUARD AND RESERVE EQUIPMENT		---		950,000		+950,000
DEFENSE PRODUCTION ACT PURCHASES	---	340,927	---	385,927		+45,000
TOTAL PROCUREMENT		132,546,005		134,288,195		+1,742,190

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 2022 budget request	$2,806,452,000
Committee recommendation	3,215,131,000
Change from budget request	+408,679,000

The Committee recommends an appropriation of $3,215,131,000 for Aircraft Procurement, Army which will provide the following program in fiscal year 2022:

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	UTILITY F/W AIRCRAFT	---	---	---	6,000	---	+6,000
4	SMALL UNMANNED AIRCRAFT SYSTEM	---	16,005	---	16,005	---	---
	ROTARY						
7	AH-64 APACHE BLOCK IIIA REMAN	30	504,136	30	494,136	---	-10,000
8	AH-64 APACHE BLOCK IIIA REMAN (AP-CY)	---	192,230	---	192,230	---	---
10	UH-60 BLACKHAWK (MYP)	24	630,263	33	841,763	+9	+211,500
11	UH-60 BLACKHAWK (MYP) (AP-CY)	---	146,068	---	146,068	---	---
12	UH-60 BLACKHAWK L AND V MODELS	24	166,205	24	161,405	---	-4,800
13	CH-47 HELICOPTER	6	145,218	11	286,118	+5	+140,900
14	CH-47 HELICOPTER (AP-CY)	---	18,559	---	47,559	---	+29,000
	TOTAL, AIRCRAFT	---	1,818,684	---	2,191,284		+372,600
	MODIFICATION OF AIRCRAFT						
17	GRAY EAGLE MODS2	---	3,143	---	33,143	---	+30,000
18	MULTI SENSOR ABN RECON	---	127,665	---	122,910	---	-4,755
19	AH-64 MODS	---	118,560	---	118,560	---	---
20	CH-47 CARGO HELICOPTER MODS (MYP)	---	9,918	---	19,918	---	+10,000
21	GRCS SEMA MODS	---	2,762	---	2,762	---	---
22	ARL SEMA MODS	---	9,437	---	9,437	---	---
23	EMARSS SEMA MODS	---	1,568	---	1,568	---	---
24	UTILITY/CARGO AIRPLANE MODS	---	8,530	---	8,530	---	---
25	UTILITY HELICOPTER MODS	---	15,826	---	15,826	---	---
26	NETWORK AND MISSION PLAN	---	29,206	---	29,206	---	---
27	COMMS, NAV SURVEILLANCE	---	58,117	---	58,117	---	---
29	AVIATION ASSURED PNT	---	47,028	---	45,862	---	-1,166
30	GATM ROLLUP	---	16,776	---	16,776	---	---
31	RQ-7 UAV MODS	---	---	---	6,000	---	+6,000
32	UAS MODS	---	3,840	---	3,840	---	---
	TOTAL, MODIFICATION OF AIRCRAFT	---	452,376	---	492,455		+40,079

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						
33	AIRCRAFT SURVIVABILITY EQUIPMENT	---	64,561	---	64,561	---	---
34	SURVIVABILITY CM	---	5,104	---	5,104	---	---
35	CMWS	---	148,570	---	148,570	---	---
36	COMMON INFRARED COUNTERMEASURES (CIRCM)	120	240,412	120	236,412	---	-4,000
	OTHER SUPPORT						
38	COMMON GROUND EQUIPMENT	---	13,561	---	13,561	---	---
39	AIRCREW INTEGRATED SYSTEMS	---	41,425	---	41,425	---	---
40	AIR TRAFFIC CONTROL	---	21,759	---	21,759	---	---
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES	---	535,392	---	531,392		-4,000
	TOTAL, AIRCRAFT PROCUREMENT, ARMY	---	2,806,452	---	3,215,131		+408,679

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	**UTILITY F/W AIRCRAFT**	**0**	**6,000**	**6,000**
	Program increase - fixed wing avionics upgrade		6,000	
7	**AH-64 APACHE BLOCK IIIA REMAN**	**504,136**	**494,136**	**-10,000**
	Unit cost growth		-10,000	
10	**UH-60 BLACKHAWK M MODEL (MYP)**	**630,263**	**841,763**	**211,500**
	Program increase - nine HH-60M for the National Guard		211,500	
12	**UH-60 BLACK HAWK L AND V MODELS**	**166,205**	**161,405**	**-4,800**
	UH-60V unit cost growth		-4,800	
13	**CH-47 HELICOPTER**	**145,218**	**286,118**	**140,900**
	Program increase - F Block II		140,900	
14	**CH-47 HELICOPTER ADVANCE PROCUREMENT (CY)**	**18,559**	**47,559**	**29,000**
	Program increase - F Block II		29,000	
17	**GRAY EAGLE MODS2**	**3,143**	**33,143**	**30,000**
	Program increase - recapitalization of legacy MQ-1C to extended range MDO configuration		30,000	
18	**MULTI SENSOR ABN RECON**	**127,665**	**122,910**	**-4,755**
	Spares previously funded		-4,755	
20	**CH-47 CARGO HELICOPTER MODS (MYP)**	**9,918**	**19,918**	**10,000**
	Program increase - hybrid enhanced ballistic missile protection system		10,000	
29	**AVIATION ASSURED PNT**	**47,028**	**45,862**	**-1,166**
	Fielding costs previously funded		-1,166	
31	**RQ-7 UAV MODS**	**0**	**6,000**	**6,000**
	Program increase - block III kit installation		6,000	
36	**COMMON INFRARED COUNTERMEASURES (CIRCM)**	**240,412**	**236,412**	**-4,000**
	Fielding costs previously funded		-4,000	

MISSILE PROCUREMENT, ARMY

Fiscal year 2022 budget request	$3,556,251,000
Committee recommendation	3,496,591,000
Change from budget request	−59,660,000

The Committee recommends an appropriation of $3,496,591,000 for Missile Procurement, Army which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	MISSILE PROCUREMENT, ARMY						
	OTHER MISSILES						
	SURFACE-TO-AIR MISSILE SYSTEM						
2	Lower Tier Air and Missile Defense (AMD) Sen.....	---	35,473	---	33,473	---	-2,000
3	M-SHORAD - PROCUREMENT.....	37	331,575	37	331,575	---	---
4	MSE MISSILE.....	180	776,696	180	771,696	---	-5,000
5	PRECISION STRIKE MISSILE (PRSM).....	110	166,130	110	166,130	---	---
6	INDIRECT FIRE PROTECTION CAPABILITY INC 2 - I.....	---	25,253	---	19,053	---	-6,200
	AIR-TO-SURFACE MISSILE SYSTEM						
7	HELLFIRE SYS SUMMARY.....	802	118,800	802	115,431	---	-3,369
8	JOINT AIR-TO-GROUND MSLS (JAGM)	386	152,177	322	131,271	-64	-20,906
9	LONG RANGE PRESCISION MUNITION.....	179	44,744	179	44,744	---	---
	ANTI-TANK/ASSAULT MISSILE SYSTEM						
10	JAVELIN (AAWS-M) SYSTEM SUMMARY.....	376	120,842	376	118,812	---	-2,030
11	TOW 2 SYSTEM SUMMARY.....	887	104,412	887	101,912	---	-2,500
12	GUIDED MLRS ROCKET (GMLRS).....	5,817	935,917	5,817	918,262	---	-17,655
13	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR).....	3,048	29,574	3,048	29,574	---	---
14	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)....	19	128,438	19	128,438	---	---
16	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS.....	900	68,278	900	68,278	---	---
	TOTAL, OTHER MISSILES.....	---	3,038,309	---	2,978,649		-59,660
	MODIFICATION OF MISSILES						
	MODIFICATIONS						
17	PATRIOT MODS.....	---	205,469	---	205,469	---	---
21	AVENGER MODS.....	---	11,227	---	11,227	---	---
22	ITAS/TOW MODS.....	---	4,561	---	4,561	---	---
23	MLRS MODS.....	---	273,856	---	273,856	---	---
24	HIMARS MODIFICATIONS.....	---	7,192	---	7,192	---	---
	TOTAL, MODIFICATION OF MISSILES.....	---	502,305	---	502,305		---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	SPARES AND REPAIR PARTS						
25	SPARES AND REPAIR PARTS.....	---	5,019	---	5,019	---	---
	SUPPORT EQUIPMENT AND FACILITIES						
26	AIR DEFENSE TARGETS.....	---	10,618	---	10,618	---	---
	TOTAL, SUPPORT EQUIPMENT AND FACILITIES.....	---	10,618	---	10,618		---
	TOTAL, MISSILE PROCUREMENT, ARMY.....		3,556,251		3,496,591		-59,660

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SEN	35,473	33,473	-2,000
	IPF excess request		-2,000	
4	MSE MISSILE	776,696	771,696	-5,000
	Obsolescence		-5,000	
6	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	25,253	19,053	-6,200
	Maintain level of effort		-6,200	
7	HELLFIRE SYS SUMMARY	118,800	115,431	-3,369
	Price savings		-3,369	
8	JOINT AIR-TO-GROUND MSLS (JAGM)	152,177	131,271	-20,906
	Unit cost growth		-6,762	
	Contract delays		-14,144	
10	JAVELIN (AAWS-M) SYSTEM SUMMARY	120,842	118,812	-2,030
	AUR unit cost growth		-2,030	
11	TOW 2 SYSTEM SUMMARY	104,412	101,912	-2,500
	Obsolescence		-2,500	
12	GUIDED MLRS ROCKET (GMLRS)	935,917	918,262	-17,655
	Tooling request previously funded		-17,655	

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Fiscal year 2022 budget request	$3,875,893,000
Committee recommendation	3,811,616,000
Change from budget request	−64,277,000

The Committee recommends an appropriation of $3,811,616,000 for Procurement of Weapons and Tracked Combat Vehicles, Army which will provide the following program in fiscal year 2022:

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 (W&TCV), ARMY						
	TRACKED COMBAT VEHICLES						
1	ARMORED MULTI PURPOSE VEHICLE (AMPV)	---	104,727	---	63,000	---	-41,727
2	ASSAULT BREACHER VEHICLE (ABV)	---	16,454	---	16,454	---	---
3	MOBILE PROTECTED FIREPOWER	23	286,977	23	286,977	---	---
	MODIFICATION OF TRACKED COMBAT VEHICLES						
5	STRYKER UPGRADE	187	1,005,028	187	956,028	---	-49,000
6	BRADLEY PROGRAM (MOD)	---	461,385	---	440,385	---	-21,000
7	M109 FOV MODIFICATIONS	---	2,534	---	2,534	---	---
8	PALADIN INTEGRATED MANAGEMENT (PIM)	25	446,430	32	526,180	+7	+79,750
9	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	---	52,059	---	52,059	---	---
10	ASSAULT BRIDGE (MOD)	---	2,136	---	2,136	---	---
13	JOINT ASSAULT BRIDGE	23	110,773	23	110,773	---	---
15	ABRAMS UPGRADE PROGRAM	70	981,337	70	960,337	---	-21,000
16	VEHICLE PROTECTION SYSTEMS (VPS)	---	80,286	---	75,286	---	-5,000
	TOTAL, TRACKED COMBAT VEHICLES	---	3,550,126	---	3,492,149		-57,977
	WEAPONS AND OTHER COMBAT VEHICLES						
18	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPONS	---	31,623	---	31,623	---	---
19	MORTAR SYSTEMS	---	37,485	---	32,985	---	-4,500
20	XM320 GRENADE LAUNCHER MODULE (GLM)	---	8,666	---	8,666	---	---
21	PRECISION SNIPER RIFLE	---	11,040	---	9,240	---	-1,800
23	CARBINE	---	4,434	---	4,434	---	---
24	NEXT GENERATION SQUAD WEAPON	---	97,087	---	97,087	---	---
26	HANDGUN	---	4,930	---	4,930	---	---
	MOD OF WEAPONS AND OTHER COMBAT VEH						
27	MK-19 GRENADE MACHINE GUN MODS	---	13,027	---	13,027	---	---
28	M777 MODS	---	21,976	---	21,976	---	---
30	M2 50 CAL MACHINE GUN MODS	---	3,612	---	3,612	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SUPPORT EQUIPMENT AND FACILITIES						
36	ITEMS LESS THAN $5.0M (WOCV-WTCV).....	---	1,068	---	1,068	---	---
37	PRODUCTION BASE SUPPORT (WOCV-WTCV).....	---	90,819	---	90,819	---	---
	TOTAL, WEAPONS AND OTHER COMBAT VEHICLES.....	---	325,767	---	319,467		-6,300
	TOTAL, PROCUREMENT OF W&TCV, ARMY.....	---	3,875,893	---	3,811,616		-64,277

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	**ARMORED MULTI PURPOSE VEHICLE (AMPV)**	**104,727**	**63,000**	**-41,727**
	Maintain level of effort		-41,727	
5	**STRYKER UPGRADE**	**1,005,028**	**956,028**	**-49,000**
	Fielding costs excess growth		-18,000	
	T&E excess growth		-8,000	
	CROWS-J overestimation		-23,000	
6	**BRADLEY PROGRAM (MOD)**	**461,385**	**440,385**	**-21,000**
	Training device excess request		-4,000	
	Survivability enhancements insufficient justification		-2,000	
	Price discrepancies		-15,000	
8	**PALADIN INTEGRATED MANAGEMENT (PIM)**	**446,430**	**526,180**	**79,750**
	Program increase		79,750	
15	**ABRAMS UPGRADE PROGRAM**	**981,337**	**960,337**	**-21,000**
	Field modifications installation early to need		-21,000	
16	**VEHICLE PROTECTION SYSTEMS (VPS)**	**80,286**	**75,286**	**-5,000**
	Excess request		-5,000	
19	**MORTAR SYSTEMS**	**37,485**	**32,985**	**-4,500**
	Unit cost growth		-4,500	
21	**PRECISION SNIPER RIFLE**	**11,040**	**9,240**	**-1,800**
	Unit cost growth		-1,800	

MK93 MACHINE GUN MOUNT

The Committee encourages the Secretary of the Army to include funding for the MK93 machine gun mount upgrade in future budget requests, as well as details on the Army's plan to develop and deploy the previously funded soft-mount upgrade. This capability improves existing systems and supports Army modernization investments that rely on the performance of the MK93 mount.

PROCUREMENT OF AMMUNITION, ARMY

Fiscal year 2022 budget request	$2,158,110,000
Committee recommendation	2,243,933,000
Change from budget request	+85,823,000

The Committee recommends an appropriation of $2,243,933,000 for Procurement of Ammunition, Army which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT OF AMMUNITION, ARMY						
	AMMUNITION						
	SMALL/MEDIUM CAL AMMUNITION						
1	CTG, 5.56MM, ALL TYPES	---	47,490	---	47,490	---	---
2	CTG, 7.62MM, ALL TYPES	---	74,870	---	73,453	---	-1,417
3	NEXT GENERATION SQUAD WEAPON AMMUNITION	---	76,794	---	76,794	---	---
4	CTG, HANDGUN, ALL TYPES	---	7,812	---	7,812	---	---
5	CTG, .50 CAL, ALL TYPES	---	29,716	---	27,716	---	-2,000
6	CTG, 20MM, ALL TYPES	---	4,371	---	4,371	---	---
8	CTG, 30MM, ALL TYPES	---	34,511	---	34,511	---	---
9	CTG, 40MM, ALL TYPES	---	35,231	---	32,731	---	-2,500
	MORTAR AMMUNITION						
10	60MM MORTAR, ALL TYPES	---	23,219	---	23,219	---	---
11	81MM MORTAR, ALL TYPES	---	52,135	---	52,135	---	---
12	120MM MORTAR, ALL TYPES	---	104,144	---	98,944	---	-5,200
	TANK AMMUNITION						
13	CTG TANK 105MM AND 120MM: ALL TYPES	---	224,503	---	217,603	---	-6,900
	ARTILLERY AMMUNITION						
14	CTG, ARTY, 75MM AND 105MM: ALL TYPES	---	26,709	---	26,709	---	---
15	ARTILLERY PROJECTILE, 155MM, ALL TYPES	---	174,015	---	174,715	---	+700
16	PROJ 155MM EXTENDED RANGE XM982	350	73,498	350	61,138	---	-12,360
17	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL TYPES	---	150,873	---	263,373	---	+112,500
	MINES						
18	MINES AND CLEARING CHARGES, ALL TYPES	---	25,980	---	20,980	---	-5,000
19	CLOSE TERRAIN SHAPING OBSTACLE	---	34,761	---	34,761	---	---
	ROCKETS						
20	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	---	24,408	---	24,408	---	---
21	ROCKET, HYDRA 70, ALL TYPES	---	109,536	---	117,536	---	+8,000
	OTHER AMMUNITION						
22	CAD/PAD ALL TYPES	---	6,549	---	6,549	---	---
23	DEMOLITION MUNITIONS, ALL TYPES	---	27,904	---	27,904	---	---
24	GRENADES, ALL TYPES	---	37,437	---	37,437	---	---
25	SIGNALS, ALL TYPES	---	7,530	---	7,530	---	---
26	SIMULATORS, ALL TYPES	---	8,350	---	8,350	---	---
27	REACTIVE ARMOR TILES	---	17,755	---	17,755	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	MISCELLANEOUS						
28	AMMO COMPONENTS, ALL TYPES	---	2,784	---	2,784	---	---
29	ITEMS LESS THAN $5 MILLION	---	17,797	---	17,797	---	---
30	AMMUNITION PECULIAR EQUIPMENT	---	12,290	---	12,290	---	---
31	FIRST DESTINATION TRANSPORTATION (AMMO)	---	4,331	---	4,331	---	---
32	CLOSEOUT LIABILITIES	---	99	---	99	---	---
	TOTAL, AMMUNITION	---	1,477,402	---	1,563,225		+85,823
	AMMUNITION PRODUCTION BASE SUPPORT						
	PRODUCTION BASE SUPPORT						
34	INDUSTRIAL FACILITIES	---	538,120	---	538,120	---	---
35	CONVENTIONAL MUNITIONS DEMILITARIZATION	---	139,410	---	139,410	---	---
36	ARMS INITIATIVE	---	3,178	---	3,178	---	---
	TOTAL, AMMUNITION PRODUCTION BASE SUPPORT	---	680,708	---	680,708		---
	TOTAL, PROCUREMENT OF AMMUNITION, ARMY	---	2,158,110	---	2,243,933		+85,823

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	CTG, 7.62MM, ALL TYPES	74,870	73,453	-1,417
	Unit cost growth		-1,417	
5	CTG, .50 CAL, ALL TYPES	29,716	27,716	-2,000
	Unit cost growth		-2,000	
9	CTG, 40MM, ALL TYPES	35,231	32,731	-2,500
	BA54 and BA55 uncertainty		-2,500	
12	120MM MORTAR, ALL TYPES	104,144	98,944	-5,200
	Unit cost growth		-5,200	
13	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	224,503	217,603	-6,900
	Unit cost growth		-6,900	
15	ARTILLERY PROJECTILE, 155MM, ALL TYPES	174,015	174,715	700
	Unit cost growth		-4,300	
	Program increase - XM1113 and XM1128		5,000	
16	PROJ 155MM EXTENDED RANGE M982	73,498	61,138	-12,360
	Unit cost growth		-12,360	
17	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	150,873	263,373	112,500
	Unit cost growth		-7,500	
	Program increase - PGK		120,000	
18	MINES & CLEARING CHARGES, ALL TYPES	25,980	20,980	-5,000
	Reduce carryover		-5,000	
21	ROCKET, HYDRA 70, ALL TYPES	109,536	117,536	8,000
	Program increase		8,000	

OTHER PROCUREMENT, ARMY

Fiscal year 2022 budget request	$8,873,558,000
Committee recommendation	8,537,213,000
Change from budget request	−336,345,000

The Committee recommends an appropriation of $8,537,213,000 for Other Procurement, Army which will provide the following program in fiscal year 2022:

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	SEMITRAILERS, FLATBED:	---	12,539	---	11,239	---	-1,300
3	SEMITRAILERS, TANKERS	---	17,985	---	17,985	---	---
4	HIGH MOBILITY MULTI-PURPOSE WHEELED VEHICLE (HMMWV)	---	60,706	---	60,706	---	---
5	GROUND MOBILITY VEHICLES (GMV)	---	29,807	---	29,807	---	---
6	ARNG HMMWV MODERNIZATION PROGRAM	---	---	---	100,000	---	+100,000
8	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES	---	574,562	---	477,288	---	-97,274
9	TRUCK, DUMP, 20t (CCE)	---	9,882	---	19,632	---	+9,750
10	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	---	36,885	---	36,885	---	---
11	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C)	---	16,450	---	16,450	---	---
12	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMEN	---	26,256	---	26,256	---	---
13	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	---	64,282	---	64,282	---	---
14	PLS ESP	---	16,943	---	16,943	---	---
17	TACTICAL WHEELED VEHICLE PROTECTION KITS	---	17,957	---	17,957	---	---
18	MODIFICATION OF IN SVC EQUIP	---	29,349	---	29,349	---	---
	NON-TACTICAL VEHICLES						
20	PASSENGER CARRYING VEHICLES	---	1,232	---	---	---	-1,232
21	NONTACTICAL VEHICLES, OTHER	---	24,246	---	19,246	---	-5,000
	TOTAL, TACTICAL AND SUPPORT VEHICLES	---	939,081	---	944,025		+4,944
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMM - JOINT COMMUNICATIONS						
22	SIGNAL MODERNIZATION PROGRAM	---	140,036	---	140,036	---	---
23	TACTICAL NETWORK TECHNOLOGY MOD IN SERVICE	---	436,524	---	429,024	---	-7,500
25	DISASTER INCIDENT RESPONSE COMMS TERMINAL (DI	---	3,863	---	3,863	---	---
26	JCSE EQUIPMENT (USREDCOM)	---	4,845	---	4,845	---	---
	COMM - SATELLITE COMMUNICATIONS						
29	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	---	97,369	---	97,369	---	---
30	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	---	120,550	---	120,550	---	---
31	SHF TERM	---	38,129	---	38,129	---	---
32	ASSURED POSITIONING, NAVIGATION AND TIMING	---	115,291	---	112,791	---	-2,500
33	SMART-T (SPACE)	---	15,407	---	15,407	---	---
34	GLOBAL BRDCST SVC - GBS	---	2,763	---	2,763	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	COMM - COMBAT SUPPORT COMM						
	COMM - C3 SYSTEM						
37	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	---	99,858	---	99,858	---	---
	COMM - COMBAT COMMUNICATIONS						
38	HANDHELD MANPACK SMALL FORM FIT (HMS)	---	775,069	---	724,099	---	-50,970
40	ARMY LINK 16 SYSTEMS	---	17,749	---	17,749	---	---
42	UNIFIED COMMAND SUITE	---	17,984	---	17,984	---	---
43	COTS COMMUNICATIONS EQUIPMENT	---	191,702	---	185,302	---	-6,400
44	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	---	15,957	---	15,957	---	---
45	ARMY COMMUNICATIONS & ELECTRONICS	---	89,441	---	79,441	---	-10,000
	COMM - INTELLIGENCE COMM						
47	CI AUTOMATION ARCHITECTURE (MIP)	---	13,317	---	13,317	---	---
48	DEFENSE MILITARY DECEPTION INITIATIVE	---	5,207	---	5,207	---	---
49	MULTI-DOMAIN INTELLIGENCE	---	20,095	---	20,095	---	---
	INFORMATION SECURITY						
51	INFORMATION SYSTEM SECURITY PROGRAM-ISSP	---	987	---	987	---	---
52	COMMUNICATIONS SECURITY (COMSEC)	---	126,273	---	126,273	---	---
53	DEFENSIVE CYBER OPERATIONS	---	27,389	---	27,389	---	---
56	SIO CAPABILITY	---	21,303	---	17,303	---	-4,000
57	BIOMETRIC ENABLING CAPABILITY (BEC)	---	914	---	914	---	---
	COMM - LONG HAUL COMMUNICATIONS						
59	BASE SUPPORT COMMUNICATIONS	---	9,209	---	9,209	---	---
	COMM - BASE COMMUNICATIONS						
60	INFORMATION SYSTEMS	---	219,026	---	214,026	---	-5,000
61	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	---	4,875	---	4,875	---	---
64	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	---	223,001	---	218,001	---	-5,000
	ELECT EQUIP						
	ELECT EQUIP - TACT INT REL ACT (TIARA)						
67	JTT/CIBS-M (MIP)	---	5,463	---	5,463	---	---
68	TERRESTRIAL LAYER SYSTEMS (TLS)	---	39,240	---	39,240	---	---
70	DCGS-A INTEL	---	92,613	---	92,613	---	---
71	JOINT TACTICAL GROUND STATION (JTAGS)-INTEL	---	8,088	---	8,088	---	---
72	TROJAN	---	30,828	---	30,828	---	---
73	MOD OF IN-SVC EQUIP (INTEL SPT)	---	39,039	---	39,039	---	---
74	BIOMETRIC TACTICAL COLLECTION DEVICES	---	11,097	---	11,097	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	ELECT EQUIP - ELECTRONIC WARFARE (EW)						
76	EW PLANNING AND MANAGEMENT TOOLS (EWPMT).....	---	783	---	783	---	---
77	AIR VIGILANCE (AV).....	---	13,486	---	13,486	---	---
79	FAMILY OF PERSISTENT SURVEILLANCE CAP.....	---	14,414	---	14,414	---	---
80	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES.....	---	19,111	---	19,111	---	---
81	CI MODERNIZATION.....	---	421	---	421	---	---
	ELECT EQUIP - TACTICAL SURV. (TAC SURV)						
82	SENTINEL MODS.....	---	47,642	---	47,642	---	---
83	NIGHT VISION DEVICES.....	---	1,092,341	---	876,735	---	-215,606
84	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF.....	---	21,103	---	21,103	---	---
85	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS.....	---	6,153	---	6,153	---	---
86	FAMILY OF WEAPON SIGHTS (FWS).....	---	184,145	---	184,145	---	---
87	ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE.....	---	2,371	---	2,371	---	---
88	FORWARD LOOKING INFRARED (IFLIR).....	---	11,929	---	11,929	---	---
89	COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS).....	---	60,058	---	60,058	---	---
90	JOINT BATTLE COMMAND - PLATFORM (JBC-P).....	---	263,661	---	253,661	---	-10,000
91	JOINT EFFECTS TARGETING SYSTEM (JETS).....	---	62,082	---	62,082	---	---
93	COMPUTER BALLISTICS: LHMBC XM32.....	---	2,811	---	2,811	---	---
94	MORTAR FIRE CONTROL SYSTEM.....	---	17,236	---	17,236	---	---
95	MORTAR FIRE CONTROL SYSTEM MODIFICATIONS.....	---	2,830	---	2,830	---	---
96	COUNTERFIRE RADARS.....	---	31,694	---	26,694	---	-5,000
	ELECT EQUIP - TACTICAL C2 SYSTEMS						
97	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE.....	---	49,410	---	49,410	---	---
98	FIRE SUPPORT C2 FAMILY.....	---	9,853	---	9,853	---	---
99	AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD.....	---	67,193	---	67,193	---	---
100	IAMD BATTLE COMMAND SYSTEM.....	---	301,872	---	291,872	---	-10,000
101	LIFE CYCLE SOFTWARE SUPPORT (LCSS).....	---	5,182	---	5,182	---	---
102	NETWORK MANAGEMENT INITIALIZATION AND SERVICE.....	---	31,349	---	31,349	---	---
104	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A).....	---	11,271	---	11,271	---	---
105	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY.....	---	16,077	---	16,077	---	---
107	MOD OF IN-SERVICE EQUIPMENT (ENFIRE).....	---	3,160	---	9,160	---	+6,000
	ELECT EQUIP - AUTOMATION						
108	ARMY TRAINING MODERNIZATION.....	---	9,833	---	9,833	---	---
109	AUTOMATED DATA PROCESSING EQUIPMENT.....	---	130,924	---	130,924	---	---
110	ACCESSIONS INFORMATION ENVIRONMENT (AIE).....	---	44,635	---	39,635	---	-5,000

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
111	GENERAL FUND ENTERPRISE BUSINESS SYSTEM	---	1,452	---	1,452	---	---
112	HIGH PERF COMPUTING MOD PROGRAM	---	69,943	---	69,943	---	---
113	CONTRACT WRITING SYSTEM	---	16,957	---	16,957	---	---
114	CSS COMMUNICATIONS	---	73,110	---	73,110	---	---
115	RESERVE COMPONENT AUTOMATION SYS (RCAS)	---	12,905	---	12,905	---	---
	ELECT EQUIP - AUDIO VISUAL SYS (A/V)						
	ELECT EQUIP - SUPPORT						
117	BCT EMERGING TECHNOLOGIES	---	13,835	---	13,835	---	---
	CLASSIFIED PROGRAMS	---	18,304	---	18,304	---	---
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	---	5,822,037	---	5,491,061		-330,976
	OTHER SUPPORT EQUIPMENT						
	CHEMICAL DEFENSIVE EQUIPMENT						
118	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	---	---	---	15,000	---	+15,000
119	BASE DEFENSE SYSTEMS (BDS)	---	62,295	---	14,220	---	-48,075
120	CBRN DEFENSE	---	55,632	---	55,632	---	---
	BRIDGING EQUIPMENT						
122	TACTICAL BRIDGING	---	9,625	---	9,625	---	---
123	TACTICAL BRIDGE, FLOAT-RIBBON	---	76,082	---	74,182	---	-1,900
124	BRIDGE SUPPLEMENTAL SET	---	19,867	---	19,867	---	---
125	COMMON BRIDGE TRANSPORTER RECAP	---	109,796	---	109,796	---	---
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT						
126	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	---	5,628	---	5,628	---	---
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	---	26,823	---	26,823	---	---
131	ROBOTICS AND APPLIQUE SYSTEMS	---	124,233	---	124,233	---	---
132	RENDER SAFE SETS KITS OUTFITS	---	84,000	---	84,000	---	---
	COMBAT SERVICE SUPPORT EQUIPMENT						
134	HEATERS AND ECU'S	---	7,116	---	5,116	---	-2,000
135	SOLDIER ENHANCEMENT	---	1,286	---	1,286	---	---
136	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	---	9,741	---	9,741	---	---
137	GROUND SOLDIER SYSTEM	---	150,244	---	150,244	---	---
138	MOBILE SOLDIER POWER	---	17,815	---	17,815	---	---
139	FORCE PROVIDER	---	28,860	---	28,860	---	---
140	FIELD FEEDING EQUIPMENT	---	2,321	---	12,321	---	+10,000
141	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	---	40,240	---	40,240	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
142	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS.....	---	36,163	---	36,163	---	---
	PETROLEUM EQUIPMENT						
144	QUALITY SURVEILLANCE EQUIPMENT18355.....	---	744	---	744	---	---
145	DISTRIBUTION SYSTEMS, PETROLEUM & WATER.....	---	72,296	---	72,296	---	---
	MEDICAL EQUIPMENT						
146	COMBAT SUPPORT MEDICAL.....	---	122,145	---	132,145	---	+10,000
	MAINTENANCE EQUIPMENT						
147	MOBILE MAINTENANCE EQUIPMENT SYSTEMS.....	---	14,756	---	12,756	---	-2,000
	CONSTRUCTION EQUIPMENT						
154	ALL TERRAIN CRANES.....	---	112,784	---	107,284	---	-5,500
156	CONST EQUIP ESP.....	---	8,694	---	8,694	---	---
	RAIL FLOAT CONTAINERIZATION EQUIPMENT						
158	ARMY WATERCRAFT ESP.....	---	44,409	---	44,409	---	---
159	MANEUVER SUPPORT VESSEL (MSV).....	---	76,660	---	76,660	---	---
	GENERATORS						
161	GENERATORS AND ASSOCIATED EQUIPMENT.....	---	47,606	---	76,606	---	+29,000
162	TACTICAL ELECTRIC POWER RECAPITALIZATION.....	---	10,500	---	10,500	---	---
	MATERIAL HANDLING EQUIPMENT						
163	FAMILY OF FORKLIFTS.....	---	13,325	---	13,325	---	---
	TRAINING EQUIPMENT						
164	COMBAT TRAINING CENTERS SUPPORT.....	---	79,565	---	79,565	---	---
165	TRAINING DEVICES, NONSYSTEM.....	---	174,644	---	174,644	---	---
166	SYNTHETIC TRAINING ENVIRONMENT (STE).....	---	122,104	---	92,266	---	-29,838
168	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING.....	---	11,642	---	10,642	---	-1,000
	TEST MEASURE AND DIG EQUIPMENT (TMD)						
170	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE).....	---	42,934	---	40,934	---	-2,000
172	TEST EQUIPMENT MODERNIZATION (TEMOD).....	399	24,304	399	24,304	---	---
	OTHER SUPPORT EQUIPMENT						
174	PHYSICAL SECURITY SYSTEMS (OPA3).....	---	86,930	---	89,930	---	+3,000
175	BASE LEVEL COM'L EQUIPMENT.....	---	27,823	---	27,823	---	---
176	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3).....	---	32,392	---	37,392	---	+5,000
177	BUILDING, PRE-FAB, RELOCATABLE.....	---	32,227	---	32,227	---	---
179	SPECIAL EQUIPMENT FOR TEST AND EVALUATION.....	---	76,917	---	76,917	---	---
	TOTAL, OTHER SUPPORT EQUIPMENT.....	---	2,103,168	---	2,082,855		-20,313

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SPARE AND REPAIR PARTS						
180	INITIAL SPARES - C&E.....	---	9,272	---	9,272	---	---
181	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEMS....	---	---	---	10,000	---	+10,000
	TOTAL, OTHER PROCUREMENT, ARMY.....	---	8,873,558	---	8,537,213		-336,345

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	SEMITRAILERS, FLATBED	12,539	11,239	-1,300
	Unit cost growth		-1,300	
6	ARNG HMMWV MODERNIZATION PROGRAM	0	100,000	100,000
	Program increase		100,000	
8	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL	574,562	477,288	-97,274
	Early to need		-97,274	
9	TRUCK, DUMP, 20T (CCE)	9,882	19,632	9,750
	Program increase		9,750	
20	PASSENGER CARRYING VEHICLES	1,232	0	-1,232
	Reduce carryover		-1,232	
21	NONTACTICAL VEHICLES, OTHER	24,246	19,246	-5,000
	Excess carryover		-5,000	
23	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	436,524	429,024	-7,500
	SATCOM obsolescence		-7,500	
32	ASSURED POSITIONING, NAVIGATION AND TIMING	115,291	112,791	-2,500
	Spares and repairs previously funded		-2,500	
38	HANDHELD MANPACK SMALL FORM FIT (HMS)	775,069	724,099	-50,970
	Unit cost increase		-10,899	
	Support costs excess		-5,000	
	IVAS SCDR ahead of need		-35,071	
43	COTS COMMUNICATIONS EQUIPMENT	191,702	185,302	-6,400
	Unit cost growth		-6,400	
45	ARMY COMMUNICATIONS & ELECTRONICS	89,441	79,441	-10,000
	Insufficient justification		-10,000	
56	SIO CAPABILITY	21,303	17,303	-4,000
	Insufficient justification		-4,000	
60	INFORMATION SYSTEMS	219,026	214,026	-5,000
	Reduce carryover		-5,000	
64	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	223,001	218,001	-5,000
	EUCOM costs previously funded		-5,000	
83	NIGHT VISION DEVICES	1,092,341	876,735	-215,606
	Laser target locator systems anticipated savings		-2,140	
	IVAS ahead of need		-213,466	

P-1	Budget Request	Committee Recommended	Change from Request
90 JOINT BATTLE COMMAND - PLATFORM (JBC-P)	**263,661**	**253,661**	**-10,000**
Unit cost growth		-10,000	
96 COUNTERFIRE RADARS	**31,694**	**26,694**	**-5,000**
Facilitization costs excess request		-5,000	
100 IAMD BATTLE COMMAND SYSTEM	**301,872**	**291,872**	**-10,000**
Costs previously funded		-10,000	
107 MOD OF IN-SVC EQUIPMENT (ENFIRE)	**3,160**	**9,160**	**6,000**
Program increase - land surveying systems		6,000	
110 ACCESSIONS INFORMATION ENVIRONMENT (AIE)	**44,635**	**39,635**	**-5,000**
Excess growth		-5,000	
118 FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	**0**	**15,000**	**15,000**
Program increase - acoustic hailing device		15,000	
119 BASE DEFENSE SYSTEMS (BDS)	**62,295**	**14,220**	**-48,075**
Requirement no longer valid		-48,075	
123 TACTICAL BRIDGE, FLOAT-RIBBON	**76,082**	**74,182**	**-1,900**
Unit cost growth		-1,900	
134 HEATERS AND ECU'S	**7,116**	**5,116**	**-2,000**
Contract delays		-2,000	
140 FIELD FEEDING EQUIPMENT	**2,321**	**12,321**	**10,000**
Program increase - multi-temperature refrigerated container program		10,000	
146 COMBAT SUPPORT MEDICAL	**122,145**	**132,145**	**10,000**
Program increase - AMEDDS hospital program		10,000	
147 MOBILE MAINTENANCE EQUIPMENT SYSTEMS	**14,756**	**12,756**	**-2,000**
Underexecution		-2,000	
154 ALL TERRAIN CRANES	**112,784**	**107,284**	**-5,500**
Anticipated cost savings		-5,500	
161 GENERATORS AND ASSOCIATED EQUIP	**47,606**	**76,606**	**29,000**
Program increase - AMMPS		29,000	
166 SYNTHETIC TRAINING ENVIRONMENT (STE)	**122,104**	**92,266**	**-29,838**
RVCT ahead of need		-29,838	
168 GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	**11,642**	**10,642**	**-1,000**
Carryover		-1,000	
170 INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	**42,934**	**40,934**	**-2,000**
Anticipated cost savings		-2,000	

P-1	Budget Request	Committee Recommended	Change from Request
174 PHYSICAL SECURITY SYSTEMS (OPA3)	**86,930**	**89,930**	**3,000**
Program increase - biometric fast lanes		3,000	
176 MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	**32,392**	**37,392**	**5,000**
Program increase - RTCH modernization		5,000	
181 TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEMS	**0**	**10,000**	**10,000**
Program increase - active hearing protection		10,000	

GENERAL FUND ENTERPRISE BUSINESS SYSTEM

The Army financial environment involves multiple financial systems at various stages of modernization. Only one of the Army systems currently is auditable and none of the systems can accomplish the broader Planning, Programming, Budget, and Execution (PPBE) process that is a fundamental part of the Department of Defense's financial environment. With the recent direction to migrate to the cloud to improve performance, it is prudent to investigate alternative solutions that could offer both a broader portfolio of capabilities and greater potential to accomplish the fundamental task of achieving auditability for the Army.

The Committee directs the Secretary of the Army, in coordination with the Army Chief Information and Financial Officers, to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act which provides a detailed analysis of alternatives (AoA) regarding the General Fund Enterprise Business System (GFEBS). The AoA shall compare GFEBS to other financial systems within the Department of Defense, including comparisons to audit compliance; business process support; total ownership cost; data dominance capability; planning and budgeting; analytics; support to the PPBE process; and compliance with federal financial governance requirements. The AoA shall also include a comparison of Enterprise Resource Planning cloud leaders that hold existing Department of Defense authorizations, have a roadmap for required federal financials functionality as a potential solution, and support a common data model for finance, personnel, supply chain management, and procurement.

ACTIVE HEARING PROTECTION

The Committee recognizes that military hearing loss and auditory injuries continue to occur during training events and combat operations. Active hearing protection can minimize training and battlefield hearing loss, improve overall situational awareness, and increase mission effectiveness, safety, and survivability. The Committee recommendation includes an increase of $10,000,000 to acquire commercial-off-the-shelf advanced, active hearing protection products evaluated to protect the hearing of soldiers.

TACTICAL WHEELED VEHICLE ACQUISITION

The Committee notes that the strategic posture of the tactical wheeled vehicle (TWV) industrial base is an important national security priority and encourages the Secretary of the Army to develop a long-term acquisition strategy that articulates requirements and resources needed to support multi-domain operations in future conflicts. The Army's Joint Light Tactical Vehicle (JLTV) is expected to remain in the inventory for the next 20 years, and the Committee supports the Army's decision for a full-and-open competitive process to help accelerate cost savings, capability upgrades, and lifecycle sustainment improvements. The Committee encourages the Secretary of the Army to consider the potential benefits of alternative competitive acquisition strategies as part of the JLTV recompete and any future competitive TWV programs to support the long-term viability for a competitive TWV industrial base.

AIRCRAFT PROCUREMENT, NAVY

Fiscal year 2022 budget request	$16,477,178,000
Committee recommendation	16,998,875,000
Change from budget request	+521,697,000

The Committee recommends an appropriation of $16,998,875,000 for Aircraft Procurement, Navy which will provide the following program in fiscal year 2022:

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	F/A-18E/F (FIGHTER) HORNET (MYP)	---	87,832	12	977,161	+12	+889,329
3	JOINT STRIKE FIGHTER CV	20	2,108,645	20	2,088,924	---	-19,721
4	JOINT STRIKE FIGHTER CV (AP-CY)	---	249,145	---	185,695	---	-63,450
5	JSF STOVL	17	2,256,735	17	2,229,283	---	-27,452
6	JSF STOVL (AP-CY)	---	216,814	---	216,814	---	---
7	CH-53K (HEAVY LIFT)	9	1,286,264	11	1,481,006	+2	+194,742
8	CH-53K (HEAVY LIFT) (AP-CY)	---	182,903	---	182,903	---	---
9	V-22 (MEDIUM LIFT)	8	751,716	8	744,027	---	-7,689
11	UH-1Y/AH-1Z	---	939	---	939	---	---
13	P-8A POSEIDON	---	44,595	---	44,595	---	---
14	E-2D ADV HAWKEYE	5	765,945	5	733,293	---	-32,652
15	E-2D ADV HAWKEYE (AP-CY)	---	118,938	---	118,938	---	---
	TOTAL, COMBAT AIRCRAFT	---	8,070,471	---	9,003,578		+933,107
	TRAINER AIRCRAFT						
16	ADVANCED HELICOPTER TRAINING SYSTEM	36	163,490	36	163,490	---	---
	TOTAL, TRAINER AIRCRAFT	---	163,490	---	163,490		---
	OTHER AIRCRAFT						
17	KC-130J	6	520,787	6	519,667	---	-1,120
18	KC-130J (AP-CY)	---	68,088	---	68,088	---	---
21	MQ-4 TRITON	---	160,151	---	288,407	---	+128,256
23	MQ-8 UAV	---	49,249	---	49,249	---	---
24	STUASLO UAV	---	13,151	---	13,151	---	---
25	MQ-25 (AP-CY)	---	47,468	---	---	---	-47,468
27	MARINE GROUP 5 UAS	6	233,686	8	272,666	+2	+38,980
	TOTAL, OTHER AIRCRAFT	---	1,092,580	---	1,211,228		+118,648
	MODIFICATION OF AIRCRAFT						
30	F-18 A-D UNIQUE	---	163,095	---	161,918	---	-1,177
31	F-18E/F AND EA-18G MODERNIZATION AND SUSTAIN	---	482,899	---	445,721	---	-37,178
32	MARINE GROUP 5 UAS SERIES	---	1,982	---	1,982	---	---
33	AEA SYSTEMS	---	23,296	---	20,221	---	-3,075
34	AV-8 SERIES	---	17,882	---	14,793	---	-3,089
35	INFRARED SEARCH AND TRACK (IRST)	---	138,827	---	114,227	---	-24,600

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
36	ADVERSARY	---	143,571	---	137,930	---	-5,641
37	F-18 SERIES	---	327,571	---	302,527	---	-25,044
38	H-53 SERIES	---	112,436	---	109,106	---	-3,330
39	MH-60 SERIES	---	94,794	---	94,794	---	---
40	H-1 SERIES	---	124,194	---	118,857	---	-5,337
41	EP-3 SERIES	---	28,848	---	28,848	---	---
42	E-2 SERIES	---	204,826	---	199,991	---	-4,835
43	TRAINER A/C SERIES	---	7,849	---	7,849	---	---
44	C-2A	---	2,843	---	2,843	---	---
45	C-130 SERIES	---	145,610	---	143,106	---	-2,504
46	FEWSG	---	734	---	734	---	---
47	CARGO/TRANSPORT A/C SERIES	---	10,682	---	5,371	---	-5,311
48	E-6 SERIES	---	128,029	---	113,301	---	-14,728
49	EXECUTIVE HELICOPTERS SERIES	---	45,326	---	40,158	---	-5,168
51	T-45 SERIES	---	158,772	---	145,190	---	-13,582
52	POWER PLANT CHANGES	---	24,915	---	24,915	---	---
53	JPATS SERIES	---	22,955	---	20,958	---	-1,997
54	AVIATION LIFE SUPPORT MODS	---	2,477	---	2,477	---	---
55	COMMON ECM EQUIPMENT	---	119,574	---	119,574	---	---
56	COMMON AVIONICS CHANGES	---	118,839	---	97,680	---	-21,159
57	COMMON DEFENSIVE WEAPON SYSTEM	---	5,476	---	5,476	---	---
58	ID SYSTEMS	---	13,154	---	13,154	---	---
59	P-8 SERIES	---	131,298	---	54,797	---	-76,501
60	MAGTF EW FOR AVIATION	---	29,151	---	29,151	---	---
61	MQ-8 SERIES	---	31,624	---	31,624	---	---
62	V-22 (TILT/ROTOR ACFT) OSPREY	---	312,835	---	310,512	---	-2,323
63	NEXT GENERATION JAMMER (NGJ)	---	266,676	---	251,643	---	-15,033
64	F-35 STOVL SERIES	---	177,054	---	156,712	---	-20,342
65	F-35 CV SERIES	---	138,269	---	118,933	---	-19,336
66	QUICK REACTION CAPABILITY (QRC)	---	98,563	---	88,563	---	-10,000

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
67	MQ-4 SERIES	---	7,100	---	7,100	---	---
68	RQ-21 SERIES	---	14,123	---	14,123	---	---
	TOTAL, MODIFICATION OF AIRCRAFT	---	3,878,149	---	3,556,859		-321,290
	AIRCRAFT SPARES AND REPAIR PARTS						
72	SPARES AND REPAIR PARTS	---	2,339,077	---	2,227,743	---	-111,334
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
73	COMMON GROUND EQUIPMENT	---	517,267	---	489,833	---	-27,434
74	AIRCRAFT INDUSTRIAL FACILITIES	---	80,500	---	80,500	---	---
75	WAR CONSUMABLES	---	42,496	---	42,496	---	---
76	OTHER PRODUCTION CHARGES	---	21,374	---	21,374	---	---
77	SPECIAL SUPPORT EQUIPMENT	---	271,774	---	201,774	---	-70,000
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT & FACILITIES	---	933,411	---	835,977		-97,434
	TOTAL, AIRCRAFT PROCUREMENT, NAVY	---	16,477,178	---	16,998,875		+521,697

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**	**87,832**	**977,161**	**889,329**
	Production line shutdown early to need		-10,671	
	Program increase - 12 additional aircraft		900,000	
3	**JOINT STRIKE FIGHTER CV**	**2,108,645**	**2,088,924**	**-19,721**
	Fixed JPO support excess growth		-19,721	
4	**JOINT STRIKE FIGHTER CV (AP-CY)**	**249,145**	**185,695**	**-63,450**
	CFE - long lead excess to need		-63,450	
5	**JSF STOVL**	**2,256,735**	**2,229,283**	**-27,452**
	Engines unit cost growth		-33,864	
	Fixed JPO support excess growth		-43,588	
	Program increase - depot acceleration		50,000	
7	**CH-53K (HEAVY LIFT)**	**1,286,264**	**1,481,006**	**194,742**
	GFE electronics excess growth		-3,388	
	NRE production capacity excess growth		-15,000	
	Airframe PGSE previously funded		-5,339	
	Engine PGSE previously funded		-4,370	
	Pubs/tech data previously funded		-14,782	
	Other ILS excess growth		-12,379	
	Program increase - two additional aircraft		250,000	
9	**V-22 (MEDIUM LIFT)**	**751,716**	**744,027**	**-7,689**
	Support costs previously funded		-7,689	
14	**E-2D ADV HAWKEYE**	**765,945**	**733,293**	**-32,652**
	Avionics PGSE excess growth		-17,552	
	Other ILS excess growth		-15,100	
17	**KC-130J**	**520,787**	**519,667**	**-1,120**
	NRE previously funded		-1,120	
21	**MQ-4 TRITON**	**160,151**	**288,407**	**128,256**
	Airframe PGSE previously funded		-21,744	
	Program increase - one additional aircraft		150,000	
25	**MQ-25 (AP-CY)**	**47,468**	**0**	**-47,468**
	Early to need		-47,468	
27	**MARINE GROUP 5 UAS**	**233,686**	**272,666**	**38,980**
	Airframe excess unit cost		-1,020	
	Program increase - two additional aircraft		40,000	
30	**F-18 A-D UNIQUE**	**163,095**	**161,918**	**-1,177**
	F/A-18 aircraft structural life management plan (OSIP 11-99) inner wing installation excess cost growth		-1,177	

P-1		Budget Request	Committee Recommended	Change from Request
31	**F-18E/F AND EA-18G MODERNIZATION AND SUSTAINMENT**	**482,899**	**445,721**	**-37,178**
	EA-18G unique (OSIP 011-10) support equipment excess growth		-2,987	
	EA-18G unique (OSIP 011-10) ECP 6482 processor unit early to need		-5,312	
	EA-18G unique (OSIP 011-10) ECP 6482 digital measure receiver early to need		-17,868	
	EA-18G unique (OSIP 011-10) ECP 6482 power supply early to need		-864	
	E/F and EA-18G correction of deficiencies (OSIP 14-03) E/F A-kits early to need		-10,147	
33	**AEA SYSTEMS**	**23,296**	**20,221**	**-3,075**
	Excess support costs		-3,075	
34	**AV-8 SERIES**	**17,882**	**14,793**	**-3,089**
	Obsolescence replacement (OSIP 006-06) other support costs prior year carryover		-3,089	
35	**INFRARED SEARCH AND TRACK (IRST)**	**138,827**	**114,227**	**-24,600**
	Reduction of four units		-24,600	
36	**ADVERSARY**	**143,571**	**137,930**	**-5,641**
	F-16 SLEP (OSIP 011-21) Falcon STAR excess NRE		-5,641	
37	**F-18 SERIES**	**327,571**	**302,527**	**-25,044**
	Core avionics improvements/upgrades (OSIP 023-04) SCS previously funded		-2,033	
	DPT-N A-kits (A2) Growler kits early to need (OSIP 001-10)		-232	
	DPT-N B-kits (ECP 6509) early to need (OSIP 001-10)		-21,640	
	SUU-63 unit cost growth (OSIP 10-16)		-1,139	
38	**H-53 SERIES**	**112,436**	**109,106**	**-3,330**
	T-64 engine fuel controls (OSIP 010-05) previously funded		-3,330	
40	**H-1 SERIES**	**124,194**	**118,857**	**-5,337**
	ECS thermal kits (OSIP 013-14) unit cost growth		-2,350	
	ECS thermal kits (OSIP 013-14) installation previously funded		-1,500	
	Floorboards upgrade kits (OSIP 013-14) installation excess cost		-1,487	
42	**E-2 SERIES**	**204,826**	**199,991**	**-4,835**
	NAVWAR A-kit installation (OSIP 011-19) previously funded		-1,250	
	Electronic support measures (OSIP 007-21) previously funded		-1,785	
	Electronic support measures (OSIP 007-21) excess installation costs		-1,800	
45	**C-130 SERIES**	**145,610**	**143,106**	**-2,504**
	A and B kits (OSIP 019-14) unit cost growth		-2,504	
47	**CARGO/TRANSPORT A/C SERIES**	**10,682**	**5,371**	**-5,311**
	Modifications (OSIP 012-04) previously funded		-5,311	

P-1		Budget Request	Committee Recommended	Change from Request
48	**E-6 SERIES**	**128,029**	**113,301**	**-14,728**
	Phase 1 AC electrical B-kit (OSIP 003-04) previously funded		-1,600	
	MR-TCDL B-kits installation delay (OSIP 013-10)		-7,785	
	APU A-kits installation delay (OSIP 002-12)		-2,834	
	FAB-T/PNVC installation delay (OSIP 014-14)		-2,509	
49	**EXECUTIVE HELICOPTER SERIES**	**45,326**	**40,158**	**-5,168**
	Shipboard interoperability (OSIP 006-21) previously funded		-5,168	
51	**T-45 SERIES**	**158,772**	**145,190**	**-13,582**
	Airframe structural installation cost growth (OSIP 008-95)		-1,712	
	AF inlet mod kits (OSIP 003-03) early to need		-10,389	
	GGU-25 kits installation early to need (OSIP 012-19)		-1,481	
53	**JPATS SERIES**	**22,955**	**20,958**	**-1,997**
	Airframe emergent ECP excess to need (OSIP 008-20)		-1,997	
56	**COMMON AVIONICS CHANGES**	**118,839**	**97,680**	**-21,159**
	NAVWAR installation kits cost growth (OSIP 71-88)		-992	
	NAVWAR installation equipment cost growth (OSIP 71-88)		-1,223	
	Training equipment previously funded (OSIP 21-01)		-2,400	
	AvCIP installation equipment NRE (OSIP 11-09) previously funded		-2,232	
	Secure communications installation kits (OSIP 10-19) previously funded		-1,733	
	Secure communications installation equipment cost growth (OSIP 10-19)		-2,253	
	Installation equipment NRE excess growth (OSIP 06-20)		-10,326	
59	**P-8 SERIES**	**131,298**	**54,797**	**-76,501**
	ECP 6/7 early to need (OSIP 006-18)		-76,501	
62	**V-22 (TILT/ROTOR ACFT) OSPREY**	**312,835**	**310,512**	**-2,323**
	Drive link/proprotor hub spring change (OSIP 028-12) previously funded		-2,323	
63	**NEXT GENERATION JAMMER (NGJ)**	**266,676**	**251,643**	**-15,033**
	Other support (OSIP 002-19) excess growth		-6,750	
	Support equipment (OSIP 002-19) previously funded		-4,263	
	Training equipment (OSIP 002-19) previously funded		-4,020	
64	**F-35 STOVL SERIES**	**177,054**	**156,712**	**-20,342**
	Block 4 B-kits schedule delay (OSIP 012-20)		-15,268	
	A-kits cost growth (OSIP 009-21)		-5,074	
65	**F-35 CV SERIES**	**138,269**	**118,933**	**-19,336**
	Block 4 B-kits schedule delay (OSIP 011-20)		-16,650	
	Vehicle systems installation excess growth (OSIP 001-21)		-2,686	
66	**QRC**	**98,563**	**88,563**	**-10,000**
	Unjustified growth		-10,000	

P-1		Budget Request	Committee Recommended	Change from Request
72	**SPARES AND REPAIR PARTS**	**2,339,077**	**2,227,743**	**-111,334**
	MQ-25 early to need		-57,749	
	Aviation outfitting accounts spares excess growth		-171,385	
	Program increase - four F-35B engines		117,800	
73	**COMMON GROUND EQUIPMENT**	**517,267**	**489,833**	**-27,434**
	USMC fed sim ADVTE modernization previously funded		-10,187	
	USMC fed sim MV-22 CFTD modernization previously funded		-13,605	
	NASMP common simulation models upgrade previously funded		-3,642	
77	**SPECIAL SUPPORT EQUIPMENT**	**271,774**	**201,774**	**-70,000**
	Classified adjustment		-70,000	

ADVANCED HELICOPTER TRAINING SYSTEM

The Committee notes that the Navy is replacing the outdated TH–57 helicopter training system with the Advanced Helicopter Training System and believes that the Department of the Navy must continue to rapidly field modern rotary training platforms to help ensure that the next generation of naval aviators remains skilled and proficient in conducting sustained air support operations while deployed worldwide. The Committee encourages the Secretary of the Navy to adequately resource the Advanced Helicopter Training System in future defense budget submissions.

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. Although the Committee is supportive of and commends recent efforts to increase capabilities of aircraft assigned to aggressor squadrons, there are remaining concerns about the continued use of some legacy aircraft to carry out this mission in the long-term. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act which provides a description of the current air aggressor fleet, an identification of any risk incurred by the continued use of legacy aircraft, and a plan to complete the transition of all Navy Reserve aggressor squadrons to a more capable aircraft fleet over a ten-year period.

WEAPONS PROCUREMENT, NAVY

Fiscal year 2022 budget request	$4,220,705,000
Committee recommendation	3,718,711,000
Change from budget request	−501,994,000

The Committee recommends an appropriation of $3,718,711,000 for Weapons Procurement, Navy which will provide the following program in fiscal year 2022:

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	TRIDENT II MODS	---	1,144,446	---	1,120,241	---	-24,205
	SUPPORT EQUIPMENT AND FACILITIES						
2	MISSILE INDUSTRIAL FACILITIES	---	7,319	---	6,319	---	-1,000
	TOTAL, BALLISTIC MISSILES	---	1,151,765	---	1,126,560		-25,205
	OTHER MISSILES						
	STRATEGIC MISSILES						
3	TOMAHAWK	60	124,513	70	138,140	+10	+13,627
	TACTICAL MISSILES						
5	SIDEWINDER	178	86,366	178	62,211	---	-24,155
6	STANDARD MISSILE	125	521,814	125	410,333	---	-111,481
7	STANDARD MISSILE (AP-CY)	---	45,357	---	45,357	---	---
8	JASSM	25	37,039	---	---	-25	-37,039
9	SMALL DIAMETER BOMB II	180	40,877	180	33,764	---	-7,113
10	RAM	100	92,981	100	73,015	---	-19,966
11	JOINT AIR GROUND MISSILE (JAGM)	164	49,702	164	39,873	---	-9,829
12	HELLFIRE	120	7,557	120	7,557	---	---
13	AERIAL TARGETS	---	150,339	---	141,446	---	-8,893
14	DRONES AND DECOYS	18	30,321	---	---	-18	-30,321
15	OTHER MISSILE SUPPORT	---	3,474	---	3,474	---	---
16	LRASM	48	161,212	48	140,248	---	-20,964
17	NAVAL STRIKE MISSILE (NSM)	34	59,331	34	52,377	---	-6,954
	MODIFICATION OF MISSILES						
18	TOMAHAWK MODS	---	206,233	---	185,199	---	-21,034
19	ESSM	108	248,619	108	130,061	---	-118,558
21	AARGM	54	116,345	54	109,835	---	-6,510
22	STANDARD MISSILES MODS	---	148,834	---	130,482	---	-18,352
	SUPPORT EQUIPMENT AND FACILITIES						
23	WEAPONS INDUSTRIAL FACILITIES	---	1,819	---	1,819	---	---
	ORDNANCE SUPPORT EQUIPMENT						
26	ORDNANCE SUPPORT EQUIPMENT	---	191,905	---	191,905	---	---
	TOTAL, OTHER MISSILES	---	2,324,638	---	1,897,096		-427,542

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	TORPEDOES AND RELATED EQUIPMENT						
	TORPEDOES AND RELATED EQUIP						
27	SSTD	---	4,545	---	4,545	---	---
28	MK-48 TORPEDO	110	159,107	110	122,511	---	-36,596
29	ASW TARGETS	---	13,630	---	13,630	---	---
	MOD OF TORPEDOES AND RELATED EQUIP						
30	MK-54 TORPEDO MODS	---	106,112	---	94,168	---	-11,944
31	MK-48 TORPEDO ADCAP MODS	---	35,680	---	27,987	---	-7,693
32	MARITIME MINES	---	8,567	---	8,567	---	---
	SUPPORT EQUIPMENT						
33	TORPEDO SUPPORT EQUIPMENT	---	93,400	---	90,832	---	-2,568
34	ASW RANGE SUPPORT	---	3,997	---	3,997	---	---
	DESTINATION TRANSPORTATION						
35	FIRST DESTINATION TRANSPORTATION	---	4,023	---	4,023	---	---
	TOTAL, TORPEDOES AND RELATED EQUIPMENT	---	429,061	---	370,260		-58,801
	OTHER WEAPONS						
	GUNS AND GUN MOUNTS						
36	SMALL ARMS AND WEAPONS	---	14,909	---	10,961	---	-3,948
	MODIFICATION OF GUNS AND GUN MOUNTS						
37	CIWS MODS	---	6,274	---	6,274	---	---
38	COAST GUARD WEAPONS	---	45,958	---	45,958	---	---
39	GUN MOUNT MODS	---	68,775	---	88,740	---	+19,965
40	LCS MODULE WEAPONS	32	2,121	32	2,121	---	---
41	AIRBORNE MINE NEUTRALIZATION SYSTEMS	---	14,822	---	14,822	---	---
	TOTAL, OTHER WEAPONS	---	152,859	---	168,876		+16,017
43	SPARES AND REPAIR PARTS	---	162,382	---	155,919	---	-6,463
	TOTAL, WEAPONS PROCUREMENT, NAVY	---	4,220,705	---	3,718,711		-501,994

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	TRIDENT II MODS	1,144,446	1,120,241	-24,205
	Guidance production support excess growth		-10,000	
	SPALT assemblies unjustified request		-5,000	
	Shape stable nose tip excess growth		-2,400	
	Production support/missile hardware excess growth		-6,805	
2	MISSILE INDUSTRIAL FACILITIES	7,319	6,319	-1,000
	Prior year carryover		-1,000	
3	TOMAHAWK	124,513	138,140	13,627
	MK14 canisters previously funded		-3,743	
	Program increase - ten additional tomahawks		17,370	
5	SIDEWINDER	86,366	62,211	-24,155
	AUR Block II contract award delay		-20,146	
	CATM Block II contract award delay		-3,170	
	AUR Block II plus contract award delay		-839	
6	STANDARD MISSILE	521,814	410,333	-111,481
	Diminishing manufacturing sources delays		-6,500	
	Production capacity efforts early to need		-104,981	
8	JASSM	37,039	0	-37,039
	Early to need		-37,039	
9	SMALL DIAMETER BOMB II	40,877	33,764	-7,113
	Contract award savings		-7,113	
10	RAM	92,981	73,015	-19,966
	Contract award delay		-19,966	
11	JOINT AIR GROUND MISSILE (JAGM)	49,702	39,873	-9,829
	AUR unit cost growth		-9,829	
13	AERIAL TARGETS	150,339	141,446	-8,893
	EM441 install/mission kits previously funded		-625	
	EM203 GQM-163A contract award delay		-8,268	
14	DRONES AND DECOYS	30,321	0	-30,321
	Early to need		-30,321	
16	LRASM	161,212	140,248	-20,964
	Contract award delay		-20,964	
17	NAVAL STRIKE MISSILE (NSM)	59,331	52,377	-6,954
	Contract award delay		-6,954	

P-1		Budget Request	Committee Recommended	Change from Request
18	**TOMAHAWK MODS**	**206,233**	**185,199**	**-21,034**
	Recertification kits contract award delay		-6,944	
	MST kits contract award delay		-14,090	
19	**ESSM**	**248,619**	**130,061**	**-118,558**
	ESSM Block 2 contract award delay		-87,138	
	Production capacity funds unjustified request		-31,420	
21	**AARGM**	**116,345**	**109,835**	**-6,510**
	AARGM-ER excess ILS costs		-3,011	
	AARGM-ER excess facilitization costs		-3,499	
22	**STANDARD MISSILE MODS**	**148,834**	**130,482**	**-18,352**
	SM-2 Block IIIC contract award delay		-7,335	
	SM-2 Block IIIC canisters contract award delay		-2,206	
	SM-2 Block IIIAZ modifications contract award delay		-1,983	
	Diminishing manufacturing resources excess to need		-6,828	
28	**MK-48 TORPEDO**	**159,107**	**122,511**	**-36,596**
	Guidance and control section contract award delay		-21,656	
	Afterbody/tail cone contract award delay		-8,461	
	Warhead electronics contract award delay		-3,849	
	Installation previously funded		-2,630	
30	**MK-54 TORPEDO MODS**	**106,112**	**94,168**	**-11,944**
	HAAWC contract award delay		-11,944	
31	**MK-48 TORPEDO ADCAP MODS**	**35,680**	**27,987**	**-7,693**
	CBASS kits unit cost growth		-3,563	
	CBASS installation previously funded		-4,130	
33	**TORPEDO SUPPORT EQUIPMENT**	**93,400**	**90,832**	**-2,568**
	Replacement warshot afterbodies contract award delay		-2,568	
36	**SMALL ARMS AND WEAPONS**	**14,909**	**10,961**	**-3,948**
	MK50 MOD1/CROWS II failure to comply with congressional direction		-700	
	SU-289/PVQ variable combat optical gunsight early to need		-1,108	
	Crew served weapons optics early to need		-1,340	
	40MM M320A1 launcher grenade early to need		-800	
39	**GUN MOUNT MODS**	**68,775**	**88,740**	**19,965**
	MK38 backfit kits previously funded		-3,635	
	MK38 upgrade kit install previously funded		-1,400	
	Program increase - operator ballistic protection for crew-served weapons		25,000	
43	**SPARES AND REPAIR PARTS**	**162,382**	**155,919**	**-6,463**
	Tomahawk spares excess growth		-5,259	
	RAM spares excess growth		-1,204	

PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS

Fiscal year 2022 budget request	$988,018,000
Committee recommendation	879,388,000
Change from budget request	– 108,630,000

The Committee recommends an appropriation of $879,388,000 for Procurement of Ammunition, Navy and Marine Corps which will provide the following program in fiscal year 2022:

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	GENERAL PURPOSE BOMBS	---	48,635	---	43,424	---	-5,211
2	JDAM	2,971	74,140	2,971	48,526	---	-25,614
3	AIRBORNE ROCKETS, ALL TYPES	---	75,383	---	75,383	---	---
4	MACHINE GUN AMMUNITION	---	11,215	---	11,215	---	---
5	PRACTICE BOMBS	---	52,225	---	50,084	---	-2,141
6	CARTRIDGES & CART ACTUATED DEVICES	---	70,876	---	69,978	---	-898
7	AIR EXPENDABLE COUNTERMEASURES	---	61,600	---	57,069	---	-4,531
8	JATOS	---	6,620	---	6,620	---	---
9	5 INCH/54 GUN AMMUNITION	---	28,922	---	26,922	---	-2,000
10	INTERMEDIATE CALIBER GUN AMMUNITION	---	36,038	---	31,537	---	-4,501
11	OTHER SHIP GUN AMMUNITION	---	39,070	---	34,949	---	-4,121
12	SMALL ARMS & LANDING PARTY AMMO	---	45,493	---	44,195	---	-1,298
13	PYROTECHNIC AND DEMOLITION	---	9,163	---	8,757	---	-406
15	AMMUNITION LESS THAN $5 MILLION	---	1,575	---	---	---	-1,575
	TOTAL, PROC AMMO, NAVY	---	560,955	---	508,659		-52,296
	PROC AMMO, MARINE CORPS						
	MARINE CORPS AMMUNITION						
16	MORTARS	---	50,707	---	50,707	---	---
17	DIRECT SUPPORT MUNITIONS	---	120,037	---	116,033	---	-4,004
18	INFANTRY WEAPONS AMMUNITION	---	94,001	---	61,919	---	-32,082
19	COMBAT SUPPORT MUNITIONS	---	35,247	---	35,247	---	---
20	AMMO MODERNIZATION	---	16,267	---	15,144	---	-1,123
21	ARTILLERY MUNITIONS	---	105,669	---	86,544	---	-19,125
22	ITEMS LESS THAN $5 MILLION	---	5,135	---	5,135	---	---
	TOTAL, PROC AMMO, MARINE CORPS	---	427,063	---	370,729		-56,334
	TOTAL, PROCUREMENT OF AMMO, NAVY & MARINE CORPS.	---	988,018	---	879,388		-108,630

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
1	**GENERAL PURPOSE BOMBS**	**48,635**	**43,424**	**-5,211**
	Q2898 BLU-137 NRE excess to need		-5,211	
2	**JDAM**	**74,140**	**48,526**	**-25,614**
	Contract award delay		-25,614	
5	**PRACTICE BOMBS**	**52,225**	**50,084**	**-2,141**
	Q1300 LGTR unit cost savings		-2,141	
6	**CARTRIDGES & CART ACTUATED DEVICES**	**70,876**	**69,978**	**-898**
	Thermal batteries previously funded		-514	
	MK122 parachute deploy rocket unit cost overestimation		-384	
7	**AIR EXPENDABLE COUNTERMEASURES**	**61,600**	**57,069**	**-4,531**
	IR decoys previously funded		-4,531	
9	**5 INCH/54 GUN AMMUNITION**	**28,922**	**26,922**	**-2,000**
	Renovation components unjustified request		-2,000	
10	**INTERMEDIATE CALIBER GUN AMMUNITION**	**36,038**	**31,537**	**-4,501**
	ALaMO contract award delay		-4,501	
11	**OTHER SHIP GUN AMMUNITION**	**39,070**	**34,949**	**-4,121**
	30MM APFSDS-T cartridge contract award delay		-1,034	
	20MM MK244 ELC cartridge unit cost growth		-3,087	
12	**SMALL ARMS & LANDING PARTY AMMO**	**45,493**	**44,195**	**-1,298**
	NSW SMCA previously funded		-1,298	
13	**PYROTECHNIC AND DEMOLITION**	**9,163**	**8,757**	**-406**
	NSW SIM hand grenade unit cost growth		-406	
15	**AMMUNITION LESS THAN $5 MILLION**	**1,575**	**0**	**-1,575**
	Contract award delays		-1,575	
17	**DIRECT SUPPORT MUNITIONS**	**120,037**	**116,033**	**-4,004**
	Various munitions unit cost growth		-4,004	
18	**INFANTRY WEAPONS AMMUNITION**	**94,001**	**61,919**	**-32,082**
	BA54 termination		-12,804	
	BA55 termination		-17,938	
	AC55 XM1198 unit cost growth		-1,340	
20	**AMMO MODERNIZATION**	**16,267**	**15,144**	**-1,123**
	Excess program growth		-1,123	
21	**ARTILLERY MUNITIONS**	**105,669**	**86,544**	**-19,125**
	DA67 unit cost growth		-2,462	
	DA529 M795 metal parts carryover		-16,031	
	DA529 wooden pallets carryover		-632	

SHIPBUILDING AND CONVERSION, NAVY

Fiscal year 2022 budget request	$22,571,059,000
Committee recommendation	23,486,398,000
Change from budget request	+915,339,000

The Committee recommends an appropriation of $23,486,398,000 for Shipbuilding and Conversion, Navy which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SHIPBUILDING & CONVERSION, NAVY						
	FLEET BALLISTIC MISSILE SHIPS						
1	COLUMBIA CLASS SUBMARINE	---	3,003,000	---	3,003,000	---	---
2	COLUMBIA CLASS SUBMARINE (AP-CY)	---	1,643,980	---	1,601,805	---	-42,175
	OTHER WARSHIPS						
3	CARRIER REPLACEMENT PROGRAM (CVN 80)	---	1,068,705	---	1,062,205	---	-6,500
4	CARRIER REPLACEMENT PROGRAM (CVN 81)	---	1,299,764	---	1,287,719	---	-12,045
5	VIRGINIA CLASS SUBMARINE	2	4,249,240	2	4,329,240	---	+80,000
6	VIRGINIA CLASS SUBMARINE (AP-CY)	---	2,120,407	---	2,104,917	---	-15,490
7	CVN REFUELING OVERHAUL	---	2,456,018	---	2,265,018	---	-191,000
8	CVN REFUELING OVERHAULS (AP-CY)	---	66,262	---	66,262	---	---
9	DDG 1000	---	56,597	---	56,597	---	---
10	DDG-51	1	2,016,787	2	3,334,825	+1	+1,318,038
13	FFG-FRIGATE	1	1,087,900	1	1,087,900	---	---
14	FFG-FRIGATE (AP-CY)	---	69,100	---	69,100	---	---
	TOTAL, OTHER WARSHIPS	---	14,490,780	---	15,663,783		+1,173,003
	AMPHIBIOUS SHIPS						
15	LPD FLIGHT II	---	60,636	---	60,636	---	---
19	LHA REPLACEMENT	---	68,637	---	68,637	---	---
	TOTAL, AMPHIBIOUS SHIPS	---	129,273	---	129,273		---
	AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM COSTS						
21	TAO FLEET OILER	1	668,184	1	688,184	---	+20,000
22	TAO FLEET OILER (AP-CY)	---	76,012	---	---	---	-76,012
23	TAGOS SURTASS SHIPS	1	434,384	1	434,384	---	---
24	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	2	183,800	1	86,785	-1	-97,015
25	LCU 1700	4	67,928	4	67,928	---	---
26	OUTFITTING	---	655,707	---	614,731	---	-40,976
27	SHIP TO SHORE CONNECTOR	2	156,738	2	135,252	---	-21,486
28	SERVICE CRAFT	---	67,866	---	67,866	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
29	LCAC SLEP	2	32,712	2	32,712	---	---
30	AUXILIARY VESSELS	5	299,900	5	299,900	---	---
31	COMPLETION OF PY SHIPBUILDING PROGRAMS	---	660,795	---	660,795	---	---
	TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGRAM	---	3,304,026	---	3,088,537		-215,489
	TOTAL, SHIPBUILDING & CONVERSION, NAVY	---	22,571,059	---	23,486,398		+915,339

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	**COLUMBIA CLASS SUBMARINE (AP-CY)**	**1,643,980**	**1,601,805**	**-42,175**
	SSN 829 missile tube continuous production early to need		-29,470	
	SSN 829 ordnance SWS shipboard systems LLTM early to need		-11,355	
	SSN 831 shipyard manufactured items continuous production early to need		-930	
	SSN 831 ordnance SWS shipboard systems continuous production early to need		-420	
3	**CARRIER REPLACEMENT PROGRAM (CVN 80)**	**1,068,705**	**1,062,205**	**-6,500**
	Basic construction growth		-6,500	
4	**CARRIER REPLACEMENT PROGRAM (CVN-81)**	**1,299,764**	**1,287,719**	**-12,045**
	Automatic carrier landing system early to need		-7,872	
	Air traffic control system early to need		-4,173	
5	**VIRGINIA CLASS SUBMARINE**	**4,249,240**	**4,329,240**	**80,000**
	Program increase - submarine supplier development		80,000	
6	**VIRGINIA CLASS SUBMARINE (AP-CY)**	**2,120,407**	**2,104,917**	**-15,490**
	Long-lead time CFE for two-year AP early to need		-15,490	
7	**CVN REFUELING OVERHAULS**	**2,456,018**	**2,265,018**	**-191,000**
	Excess growth		-191,000	
10	**DDG-51**	**2,016,787**	**3,334,825**	**1,318,038**
	Plans excess costs		-47,352	
	Change orders excess costs		-11,651	
	Electronics excess costs		-60,446	
	Ordnance excess costs		-25,190	
	Other costs excess		-37,323	
	Program increase - one additional DDG-51		1,500,000	
21	**TAO FLEET OILER**	**668,184**	**688,184**	**20,000**
	Program increase - affordability initiatives		20,000	
22	**TAO FLEET OILER (AP-CY)**	**76,012**	**0**	**-76,012**
	Unjustified request		-76,012	
24	**TOWING, SALVAGE, AND RESCUE SHIP (ATS)**	**183,800**	**86,785**	**-97,015**
	One ship early to need		-97,015	
26	**OUTFITTING**	**655,707**	**614,731**	**-40,976**
	Outfitting early to need		-32,781	
	Post-delivery early to need		-8,195	
27	**SHIP TO SHORE CONNECTOR**	**156,738**	**135,252**	**-21,486**
	Excess costs		-21,486	

DDG—51 FLIGHT III DESTROYER

The Committee is dismayed by the Navy's decision to remove one DDG–51 Flight III Destroyer from the planned fiscal year 2022 budget request. For the second consecutive fiscal year, the Navy has chosen to remove a major ship procurement from the budget request rather than make difficult funding decisions in a fiscally constrained environment. This represents a troubling trend of underfunding ship acquisition programs and then requesting the removed ship as the highest priority on the unfunded priority list. Furthermore, removing the ship from the budget request breaks the program's multi-year procurement contract, which adversely impacts the already fragile domestic shipbuilding industrial base. Therefore, the Committee recommendation reduces multiple Navy programs to include an additional $1,500,000,000 for a second DDG–51 Destroyer.

Further, the Committee notes that the current multi-year procurement contract for the DDG–51 Flight III destroyer ends in fiscal year 2022 and that the Navy has already delayed the detail design and construction schedule of the planned follow-on program until no earlier than fiscal year 2026. The Committee believes that a follow-on multi-year procurement contract beginning in fiscal year 2023 may be a prudent plan to ensure a smooth shipbuilding manufacturing and design industrial base transition from the DDG–51 to the follow-on large surface combatant.

ICEBREAKERS

The Committee understands that the Coast Guard is expanding its fleet of polar icebreakers but is disappointed that the Navy has not also considered purchasing either new or used icebreakers. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act which details the Navy's plan to address this capability requirement in fiscal year 2022 and the future years defense program.

CVN—81 ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM AND ADVANCED ARRESTING GEAR ACQUISITION STRATEGY

The Committee is concerned by the continued delays in the Navy's approval of the acquisition strategy for the Electromagnetic Aircraft Launching System and Advanced Arresting Gear for CVN–81. The National Defense Authorization Act for Fiscal Year 2018 authorized a dual-hull buy which allowed for equipment and shipsets to be procured earlier in the acquisition of CVN–80 and CVN–81, with a goal of realizing significant savings. However, the three-year delay in approving an acquisition strategy and contracting for these main mission components of the carrier is causing a disruption to the production and manufacturing processes of these essential components, impacting the construction and increasing the cost growth of CVN–81. The Committee encourages the Secretary of the Navy to prioritize consideration and approval of an acquisition strategy to procure these components.

RETIREMENT OF OHIO-CLASS GUIDED MISSILE SUBMARINES

The Committee notes the delicate balance of timing between the retirement of OHIO-class guided missile submarines with the delivery and fielding of the new COLUMBIA-class submarines and wants to ensure that undersea capabilities will not be adversely impacted. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act which identifies the timeline of OHIO-class guided missile submarine retirements and how their mission capabilities will be replaced, including how the COLUMBIA-class submarines will integrate into existing military installations.

AMPHIBIOUS SHIPS

The Committee understands that the Navy has not yet entered into a contract for the procurement of three San Antonio-class amphibious ships and one America-class amphibious ship as authorized by Section 124 of the National Defense Authorization Act for Fiscal Year 2021. The Committee encourages the Secretary of the Navy to expeditiously enter into such a contract in order to take advantage of cost savings provided by contracting for more than one ship at a time. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act which outlines the Navy's acquisition plan for these amphibious ships.

OTHER PROCUREMENT, NAVY

Fiscal year 2022 budget request	$10,875,912,000
Committee recommendation	10,451,162,000
Change from budget request	−424,750,000

The Committee recommends an appropriation of $10,451,162,000 for Other Procurement, Navy which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OTHER PROCUREMENT, NAVY						
	SHIPS SUPPORT EQUIPMENT						
	SHIP PROPULSION EQUIPMENT						
1	SURFACE POWER EQUIPMENT	---	41,414	---	41,414	---	---
	GENERATORS						
2	SURFACE COMBATANT HM&E	---	83,746	---	78,054	---	-5,692
	NAVIGATION EQUIPMENT						
3	OTHER NAVIGATION EQUIPMENT	---	72,300	---	72,300	---	---
	PERISCOPES						
	SUB PERISCOPES AND IMAGING SUPPORT EQUIPMENT						
4	PROGRAM	---	234,932	---	209,792	---	-25,140
	OTHER SHIPBOARD EQUIPMENT						
5	DDG MOD	---	583,136	---	535,667	---	-47,469
6	FIREFIGHTING EQUIPMENT	---	15,040	---	13,970	---	-1,070
7	COMMAND AND CONTROL SWITCHBOARD	---	2,194	---	2,194	---	---
8	LHA/LHD MIDLIFE	---	133,627	---	119,993	---	-13,634
9	LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	---	4,387	---	4,387	---	---
10	POLLUTION CONTROL EQUIPMENT	---	18,159	---	18,159	---	---
11	SUBMARINE SUPPORT EQUIPMENT	---	88,284	---	88,284	---	---
12	VIRGINIA CLASS SUPPORT EQUIPMENT	---	22,669	---	22,669	---	---
13	LCS CLASS SUPPORT EQUIPMENT	---	9,640	---	9,640	---	---
14	SUBMARINE BATTERIES	---	21,834	---	21,834	---	---
15	LPD CLASS SUPPORT EQUIPMENT	---	34,292	---	22,093	---	-12,199
16	DDG-1000 SUPPORT EQUIPMENT	---	126,107	---	111,761	---	-14,346
17	STRATEGIC PLATFORM SUPPORT EQUIP	---	12,256	---	12,256	---	---
18	DSSP EQUIPMENT	---	10,682	---	3,282	---	-7,400
19	CRUISER MODERNIZATION	---	156,951	---	138,926	---	-18,025
20	LCAC	---	21,314	---	21,314	---	---
21	UNDERWATER EOD PROGRAMS	---	24,146	---	24,146	---	---
22	ITEMS LESS THAN $5 MILLION	---	84,789	---	83,545	---	-1,244
23	CHEMICAL WARFARE DETECTORS	---	2,997	---	2,429	---	-568
25	SHIP MAINTENANCE, REPAIR AND MODERNIZATION	---	1,307,651	---	1,207,729	---	-99,922
	REACTOR PLANT EQUIPMENT						
26	REACTOR POWER UNITS	---	3,270	---	3,270	---	---
27	REACTOR COMPONENTS	---	438,729	---	438,729	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OCEAN ENGINEERING						
28	DIVING AND SALVAGE EQUIPMENT	---	10,772	---	10,772	---	---
	SMALL BOATS						
29	STANDARD BOATS	---	58,770	---	57,718	---	-1,052
	PRODUCTION FACILITIES EQUIPMENT						
30	OPERATING FORCES IPE	---	168,822	---	160,822	---	-8,000
	OTHER SHIP SUPPORT						
31	LCS COMMON MISSION MODULES EQUIPMENT	---	74,231	---	63,501	---	-10,730
32	LCS MCM MISSION MODULES	---	40,630	---	30,119	---	-10,511
33	LCS ASW MISSION MODULES	---	1,565	---	1,565	---	---
34	LCS SUW MISSION MODULES	---	3,395	---	3,395	---	---
35	LCS IN-SERVICE MODERNIZATION	---	122,591	---	132,591	---	+10,000
	LOGISTICS SUPPORT						
36	SMALL & MEDIUM UUV	---	32,534	---	32,534	---	---
	TOTAL, SHIPS SUPPORT EQUIPMENT	---	4,067,856	---	3,800,854		-267,002
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	SHIP SONARS						
38	SPQ-9B RADAR	---	15,927	---	14,209	---	-1,718
39	AN/SQQ-89 SURF ASW COMBAT SYSTEM	---	131,829	---	126,871	---	-4,958
40	SSN ACOUSTICS EQUIPMENT	---	379,850	---	360,898	---	-18,952
41	UNDERSEA WARFARE SUPPORT EQUIPMENT	---	13,965	---	13,965	---	---
	ASW ELECTRONIC EQUIPMENT						
42	SUBMARINE ACOUSTIC WARFARE SYSTEM	---	24,578	---	24,578	---	---
43	SSTD	---	11,010	---	11,010	---	---
44	FIXED SURVEILLANCE SYSTEM	---	363,651	---	363,651	---	---
45	SURTASS	---	67,500	---	67,500	---	---
	ELECTRONIC WARFARE EQUIPMENT						
46	AN/SLQ-32	---	370,559	---	312,554	---	-58,005
	RECONNAISSANCE EQUIPMENT						
47	SHIPBOARD IW EXPLOIT	---	261,735	---	261,735	---	---
48	AUTOMATED IDENTIFICATION SYSTEM (AIS)	---	3,777	---	3,777	---	---
	OTHER SHIP ELECTRONIC EQUIPMENT						
49	COOPERATIVE ENGAGEMENT CAPABILITY	---	24,641	---	24,641	---	---
50	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	---	14,439	---	14,439	---	---
51	ATDLS	---	101,595	---	91,711	---	-9,884

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
52	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	---	3,535	---	3,535	---	---
53	MINESWEEPING SYSTEM REPLACEMENT	---	15,640	---	15,640	---	---
54	SHALLOW WATER MCM	---	5,610	---	5,610	---	---
55	NAVSTAR GPS RECEIVERS (SPACE)	---	33,097	---	33,097	---	---
56	ARMED FORCES RADIO AND TV	---	2,513	---	2,513	---	---
57	STRATEGIC PLATFORM SUPPORT EQUIP	---	4,823	---	4,823	---	---
	AVIATION ELECTRONIC EQUIPMENT						
58	ASHORE ATC EQUIPMENT	---	83,464	---	82,510	---	-954
59	AFLOAT ATC EQUIPMENT	---	67,055	---	65,302	---	-1,753
60	ID SYSTEMS	---	46,918	---	26,876	---	-20,042
61	JOINT PRECISION APPROACH AND LANDING SYSTEM	---	35,386	---	35,386	---	---
62	NAVAL MISSION PLANNING SYSTEMS	---	17,951	---	16,777	---	-1,174
	OTHER SHORE ELECTRONIC EQUIPMENT						
63	MARITIME INTEGRATED BROADCAST SYSTEM	---	2,360	---	1,760	---	-600
64	TACTICAL/MOBILE C41 SYSTEMS	---	18,919	---	18,919	---	---
65	DCGS-N	---	16,691	---	16,691	---	---
66	CANES	---	412,002	---	412,002	---	---
67	RADIAC	---	9,074	---	7,828	---	-1,246
68	CANES-INTELL	---	51,593	---	51,593	---	---
69	GPETE	---	23,930	---	23,930	---	---
70	NETWORK TACTICAL COMMON DATA LINK	---	8,795	---	8,795	---	---
71	INTEG COMBAT SYSTEM TEST FACILITY	---	5,829	---	5,829	---	---
72	EMI CONTROL INSTRUMENTATION	---	3,925	---	3,925	---	---
73	ITEMS LESS THAN $5 MILLION	---	156,042	---	87,475	---	-68,567
	SHIPBOARD COMMUNICATIONS						
74	SHIPBOARD TACTICAL COMMUNICATIONS	---	43,212	---	37,714	---	-5,498
75	SHIP COMMUNICATIONS AUTOMATION	---	90,724	---	90,073	---	-651
76	COMMUNICATIONS ITEMS UNDER $5M	---	44,447	---	44,447	---	---
	SUBMARINE COMMUNICATIONS						
77	SUBMARINE BROADCAST SUPPORT	---	47,579	---	35,979	---	-11,600
78	SUBMARINE COMMUNICATION EQUIPMENT	---	64,642	---	64,642	---	---
	SATELLITE COMMUNICATIONS						
79	SATELLITE COMMUNICATIONS SYSTEMS	---	38,636	---	38,636	---	---
80	NAVY MULTIBAND TERMINAL (NMT)	---	34,723	---	34,723	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	SHORE COMMUNICATIONS						
81	JCS COMMUNICATIONS EQUIPMENT	---	2,651	---	2,651	---	---
	CRYPTOGRAPHIC EQUIPMENT						
82	INFO SYSTEMS SECURITY PROGRAM (ISSP)	---	146,879	---	145,311	---	-1,568
83	MIO INTEL EXPLOITATION TEAM	---	977	---	977	---	---
	CRYPTOLOGIC EQUIPMENT						
84	CRYPTOLOGIC COMMUNICATIONS EQUIP	---	17,809	---	17,809	---	---
	OTHER ELECTRONIC SUPPORT						
92	COAST GUARD EQUIPMENT	---	63,214	---	61,464	---	-1,750
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	---	3,405,701	---	3,196,781		-208,920
	AVIATION SUPPORT EQUIPMENT						
	SONOBUOYS						
94	SONOBUOYS - ALL TYPES	---	249,121	---	222,525	---	-26,596
	AIRCRAFT SUPPORT EQUIPMENT						
95	MINOTAUR	---	4,963	---	4,963	---	---
96	WEAPONS RANGE SUPPORT EQUIPMENT	---	98,898	---	87,748	---	-11,150
97	AIRCRAFT SUPPORT EQUIPMENT	---	178,647	---	175,439	---	-3,208
98	ADVANCED ARRESTING GEAR (AAG)	---	22,265	---	22,265	---	---
99	METEOROLOGICAL EQUIPMENT	---	13,687	---	13,687	---	---
100	LEGACY AIRBORNE MINE COUNTERMEASURES	---	4,446	---	4,446	---	---
101	COMMON CONTROL SYSTEM	---	1,470	---	1,470	---	---
102	AVIATION SUPPORT EQUIPMENT	---	70,665	---	62,496	---	-8,169
103	UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CONTROL	---	86,584	---	78,026	---	-8,558
	TOTAL, AVIATION SUPPORT EQUIPMENT	---	730,746	---	673,065		-57,681
	ORDNANCE SUPPORT EQUIPMENT						
	SHIP GUN SYSTEM EQUIPMENT						
104	SHIP GUN SYSTEMS EQUIPMENT	---	5,536	---	5,536	---	---
	SHIP MISSILE SYSTEMS EQUIPMENT						
105	HARPOON SUPPORT EQUIPMENT	---	204	---	204	---	---
106	SHIP MISSILE SUPPORT EQUIPMENT	---	237,987	---	225,476	---	-12,511
107	TOMAHAWK SUPPORT EQUIPMENT	---	88,726	---	87,147	---	-1,579
	FBM SUPPORT EQUIPMENT						
108	STRATEGIC MISSILE SYSTEMS EQUIP	---	281,259	---	276,430	---	-4,829
	ASW SUPPORT EQUIPMENT						
109	SSN COMBAT CONTROL SYSTEMS	---	143,289	---	128,117	---	-15,172

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
110	ASW SUPPORT EQUIPMENT	---	30,595	---	26,852	---	-3,743
	OTHER ORDNANCE SUPPORT EQUIPMENT						
111	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	---	1,721	---	1,721	---	---
112	ITEMS LESS THAN $5 MILLION	---	8,746	---	8,746	---	---
	OTHER EXPENDABLE ORDNANCE						
113	ANTI-SHIP MISSILE DECOY SYSTEM	---	76,994	---	73,637	---	-3,357
114	SUBMARINE TRAINING DEVICE MODS	---	75,813	---	75,813	---	---
115	SURFACE TRAINING EQUIPMENT	---	127,814	---	135,814	---	+8,000
	TOTAL, ORDNANCE SUPPORT EQUIPMENT	---	1,078,684	---	1,045,493		-33,191
	CIVIL ENGINEERING SUPPORT EQUIPMENT						
116	PASSENGER CARRYING VEHICLES	---	4,140	---	4,140	---	---
117	GENERAL PURPOSE TRUCKS	---	2,805	---	2,805	---	---
118	CONSTRUCTION & MAINTENANCE EQUIP	---	48,403	---	46,257	---	-2,146
119	FIRE FIGHTING EQUIPMENT	---	15,084	---	15,084	---	---
120	TACTICAL VEHICLES	---	27,400	---	26,052	---	-1,348
121	POLLUTION CONTROL EQUIPMENT	---	2,607	---	2,607	---	---
122	ITEMS UNDER $5 MILLION	---	51,963	---	50,619	---	-1,344
123	PHYSICAL SECURITY VEHICLES	---	1,165	---	1,165	---	---
	TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT	---	153,567	---	148,729		-4,838
	SUPPLY SUPPORT EQUIPMENT						
124	SUPPLY EQUIPMENT	---	24,698	---	24,698	---	---
125	FIRST DESTINATION TRANSPORTATION	---	5,385	---	5,385	---	---
126	SPECIAL PURPOSE SUPPLY SYSTEMS	---	660,750	---	660,750	---	---
	TOTAL, SUPPLY SUPPORT EQUIPMENT	---	690,833	---	690,833		---
	PERSONNEL AND COMMAND SUPPORT EQUIPMENT						
	TRAINING DEVICES						
127	TRAINING SUPPORT EQUIPMENT	---	3,465	---	3,202	---	-263
128	TRAINING AND EDUCATION EQUIPMENT	---	60,114	---	58,823	---	-1,291
	COMMAND SUPPORT EQUIPMENT						
129	COMMAND SUPPORT EQUIPMENT	---	31,007	---	31,007	---	---
130	MEDICAL SUPPORT EQUIPMENT	---	7,346	---	14,346	---	+7,000
132	NAVAL MIP SUPPORT EQUIPMENT	---	2,887	---	2,887	---	---
133	OPERATING FORCES SUPPORT EQUIPMENT	---	12,815	---	12,815	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
134	C4ISR EQUIPMENT	---	6,324	---	6,324	---	---
135	ENVIRONMENTAL SUPPORT EQUIPMENT	---	25,098	---	23,415	---	-1,683
136	PHYSICAL SECURITY EQUIPMENT	---	110,647	---	107,471	---	-3,176
137	ENTERPRISE INFORMATION TECHNOLOGY	---	31,709	---	31,709	---	---
141	NEXT GENERATION ENTERPRISE SERVICE	---	41	---	150,041	---	+150,000
142	CYBERSPACE ACTIVITIES	---	12,859	---	12,859	---	---
	TOTAL, PERSONNEL AND COMMAND SUPPORT EQUIPMENT	---	304,312	---	454,899		+150,587
143	SPARES AND REPAIR PARTS	---	424,405	---	420,700	---	-3,705
	CLASSIFIED PROGRAMS	---	19,808	---	19,808	---	---
	TOTAL, OTHER PROCUREMENT, NAVY	---	10,875,912	---	10,451,162		-424,750

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	**SURFACE COMBATANT HM&E**	**83,746**	**78,054**	**-5,692**
	DDG-51 ship control systems unjustified growth		-3,664	
	HM&E condition system unjustified growth		-9,028	
	Program increase - DDG-51 advanced degaussing mine protection system		7,000	
4	**SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG**	**234,932**	**209,792**	**-25,140**
	AN/BLQ-10B technical insertion kits for TI22 688/21 class unjustified request		-25,140	
5	**DDG MOD**	**583,136**	**535,667**	**-47,469**
	DDG mod installation unjustified growth		-15,008	
	GEDMS equipment flight IIA installation excess growth		-4,821	
	MCS/DCS equipment flight II/IIA installation excess growth		-4,387	
	IBNS equipment installation excess growth		-1,104	
	AWS upgrade installation excess growth		-15,272	
	Multi-mission SIGPRO equipment installation excess growth		-2,374	
	IVCS equipment installation excess growth		-4,503	
6	**FIREFIGHTING EQUIPMENT**	**15,040**	**13,970**	**-1,070**
	EEBD replacement and PES previously funded		-1,070	
8	**LHA/LHD MIDLIFE**	**133,627**	**119,993**	**-13,634**
	Hydra installation excess to need		-881	
	Ballast and DC console contract award delay		-1,734	
	Amplified announcing system contract award delay		-1,978	
	ICT upgrade contract award delay		-1,840	
	IVN upgrade contract award delay		-7,201	
15	**LPD CLASS SUPPORT EQUIPMENT**	**34,292**	**22,093**	**-12,199**
	HM&E survivability modifications installation delay		-731	
	SWAN-CANES installation delay		-2,989	
	HM&E mechanical/auxiliary mods knuckleboom crane improvements installation delay		-1,093	
	HM&E mechanical/auxiliary mod common fuel rail unjustified request		-7,386	
16	**DDG 1000 CLASS SUPPORT EQUIPMENT**	**126,107**	**111,761**	**-14,346**
	Diminishing manufacturing sources and material shortages unjustified growth		-3,846	
	TSCE modernization software integration early to need		-10,500	
18	**DSSP EQUIPMENT**	**10,682**	**3,282**	**-7,400**
	SRDRS shallow water transfer skirt concurrency		-7,400	
19	**CG MODERNIZATION**	**156,951**	**138,926**	**-18,025**
	Prior year carryover for CG66 and CG68		-18,025	

P-1		Budget Request	Committee Recommended	Change from Request
22	**ITEMS LESS THAN $5 MILLION**	**84,789**	**83,545**	**-1,244**
	CVN78 excess growth		-5,244	
	Program increase - modernized personnel transfer systems		3,000	
	Program increase - centrifuge testing for surface combatants		1,000	
23	**CHEMICAL WARFARE DETECTORS**	**2,997**	**2,429**	**-568**
	Chemical warfare embed upgrade kits excess installation costs		-568	
25	**SHIP MAINTENANCE, REPAIR, AND MODERNIZATION**	**1,307,651**	**1,207,729**	**-99,922**
	Early to need		-63,099	
	Excess to need		-36,823	
29	**STANDARD BOATS**	**58,770**	**57,718**	**-1,052**
	40PB unit cost growth		-1,052	
30	**OPERATING FORCES IPE**	**168,822**	**160,822**	**-8,000**
	CNC shaft lathe contract award delay		-18,000	
	Program increase - interim SSN maintenance support complexes		10,000	
31	**LCS COMMON MISSION MODULES EQUIPMENT**	**74,231**	**63,501**	**-10,730**
	Mission bay training modules early to need		-10,730	
32	**LCS MCM MISSION MODULES**	**40,630**	**30,119**	**-10,511**
	AN/SLW-2 unmanned surface vehicle contract award delay		-10,511	
35	**LCS IN-SERVICE MODERNIZATION**	**122,591**	**132,591**	**10,000**
	Program increase - condition-based maintenance for combat and communications systems		10,000	
38	**SPQ-9B RADAR**	**15,927**	**14,209**	**-1,718**
	AN/SPQ-9B radar equipment previously funded		-1,718	
39	**AN/SQQ-89 SURF ASW COMBAT SYSTEM**	**131,829**	**126,871**	**-4,958**
	Technology insertion/refresh kits contract award delay		-4,958	
40	**SSN ACOUSTIC EQUIPMENT**	**379,850**	**360,898**	**-18,952**
	Virginia class technical insertion kits previously funded		-18,952	
46	**AN/SLQ-32**	**370,559**	**312,554**	**-58,005**
	Block 3 kit early to need		-56,415	
	Block 3 installation excess to need		-1,590	
51	**ATDLS**	**101,595**	**91,711**	**-9,884**
	ATDLS kits previously funded		-6,385	
	ATDLS excess installation costs		-3,499	
58	**ASHORE ATC EQUIPMENT**	**83,464**	**82,510**	**-954**
	AMTAC support unjustified request		-954	
59	**AFLOAT ATC EQUIPMENT**	**67,055**	**65,302**	**-1,753**
	AN/SPN-50 unit cost growth		-1,753	

P-1		Budget Request	Committee Recommended	Change from Request
60	**ID SYSTEMS**	**46,918**	**26,876**	**-20,042**
	Mode S digital interrogator excess support costs		-2,684	
	AN/UPX-46 processor system early to need		-17,358	
62	**NAVAL MISSION PLANNING SYSTEMS**	**17,951**	**16,777**	**-1,174**
	Mission planning seat previously funded		-1,174	
63	**MARITIME INTEGRATED BROADCAST SYSTEM**	**2,360**	**1,760**	**-600**
	Contract award delay		-600	
67	**RADIAC**	**9,074**	**7,828**	**-1,246**
	APD ship contract award delay		-1,246	
73	**ITEMS LESS THAN $5 MILLION**	**156,042**	**87,475**	**-68,567**
	Historical underexecution		-11,939	
	Dual band radar unjustified growth		-16,318	
	Next generation surface search radar contract award delay		-40,310	
74	**SHIPBOARD TACTICAL COMMUNICATIONS**	**43,212**	**37,714**	**-5,498**
	Historical underexecution		-5,498	
75	**SHIP COMMUNICATIONS AUTOMATION**	**90,724**	**90,073**	**-651**
	Tactical messaging installation cost growth		-651	
77	**SUBMARINE BROADCAST SUPPORT**	**47,579**	**35,979**	**-11,600**
	Early to need		-11,600	
82	**INFO SYSTEMS SECURITY PROGRAM (ISSP)**	**146,879**	**145,311**	**-1,568**
	NCSA early to need		-1,568	
92	**COAST GUARD EQUIPMENT**	**63,214**	**61,464**	**-1,750**
	ARC-210 contract award delay		-1,510	
	OE-57D contract award delay		-240	
94	**SONOBUOYS - ALL TYPES**	**249,121**	**222,525**	**-26,596**
	AN/SSQ-125 (multi-static coherent source) previously funded		-26,596	
	AN/SSQ-125 - transfer to procure DICASS sonobuoys		-14,624	
	DICASS sonobuoys - transfer from AN/SSQ-125		14,624	
96	**WEAPONS RANGE SUPPORT EQUIPMENT**	**98,898**	**87,748**	**-11,150**
	Systems replacement and modernization previously funded		-918	
	Ocean systems previously funded		-7,516	
	Electronic warfare training equipment previously funded		-2,716	
97	**AIRCRAFT SUPPORT EQUIPMENT**	**178,647**	**175,439**	**-3,208**
	AN/SRQ-4 installations cost growth		-3,208	
102	**AVIATION SUPPORT EQUIPMENT**	**70,665**	**62,496**	**-8,169**
	ASIP-SY126 previously funded		-2,706	
	LEP-SY80 contract award delay		-2,876	
	Aviation maintenance advancement solutions contract award delay		-2,587	

P-1		Budget Request	Committee Recommended	Change from Request
103	**UMCS-UNMAN CARRIER AVIATION (UCA) MISSION CNT**	**86,584**	**78,026**	**-8,558**
	Ship change document previously funded		-3,163	
	Product support and assembly unjustified growth		-5,395	
106	**SHIP MISSILE SUPPORT EQUIPMENT**	**237,987**	**225,476**	**-12,511**
	I-Stalker install previously funded		-1,219	
	SSDS production support unjustified growth		-4,920	
	Depot special tooling/test equipment previously funded		-656	
	MK57 UCEU hardware procurement contract award delay		-4,200	
	SSDS COTS conversion kits installation excess to need		-1,516	
107	**TOMAHAWK SUPPORT EQUIPMENT**	**88,726**	**87,147**	**-1,579**
	TMPC ILS previously funded		-1,579	
108	**STRATEGIC MISSILE SYSTEMS EQUIPMENT**	**281,259**	**276,430**	**-4,829**
	Flight test instrumentation refresh previously funded		-4,829	
109	**SSN COMBAT CONTROL SYSTEMS**	**143,289**	**128,117**	**-15,172**
	Combat system tech refresh/legacy integration unjustified growth		-8,993	
	VB034 upgrades from TI04 and out baseline SSN774 class installation cost growth		-2,321	
	VB034 upgrades from TI04 and out baseline SSN774 w/CWL installation excess to need		-3,858	
110	**ASW SUPPORT EQUIPMENT**	**30,595**	**26,852**	**-3,743**
	Fast attack craft target previously funded		-738	
	High speed maneuverable surface target contract award delay		-3,005	
113	**ANTI-SHIP MISSILE DECOY SYSTEM**	**76,994**	**73,637**	**-3,357**
	Rocket motor assembly previously funded		-3,357	
115	**SURFACE TRAINING EQUIPMENT**	**127,814**	**135,814**	**8,000**
	BFTT ship sets poor justification material		-2,000	
	Program increase - littoral combat ship mission bay trainer		10,000	
118	**CONSTRUCTION & MAINTENANCE EQUIPMENT**	**48,403**	**46,257**	**-2,146**
	Acquisition support previously funded		-2,146	
120	**TACTICAL VEHICLES**	**27,400**	**26,052**	**-1,348**
	JLTV unit cost discrepancy		-1,348	
122	**ITEMS LESS THAN $5 MILLION**	**51,963**	**50,619**	**-1,344**
	Expeditionary facilities unit cost growth		-644	
	Diesel generators unit cost growth		-700	
127	**TRAINING SUPPORT EQUIPMENT**	**3,465**	**3,202**	**-263**
	BST-21 training management system previously funded		-263	
128	**TRAINING AND EDUCATION EQUIPMENT**	**60,114**	**58,823**	**-1,291**
	West coast network consolidation unjustified request		-1,291	
130	**MEDICAL SUPPORT EQUIPMENT**	**7,346**	**14,346**	**7,000**
	Program increase - expeditionary medical facilities		7,000	

P-1		Budget Request	Committee Recommended	Change from Request
135	**ENVIRONMENTAL SUPPORT EQUIPMENT**	**25,098**	**23,415**	**-1,683**
	Acoustic positioning system contract award delay		-560	
	OPTSEO timing, transfer, EOP delivery unit cost growth		-1,123	
136	**PHYSICAL SECURITY EQUIPMENT**	**110,647**	**107,471**	**-3,176**
	Naval non-lethal effects failure to comply with congressional direction		-1,588	
	C4I previously funded		-1,588	
141	**NEXT GENERATION ENTERPRISE SERVICE**	**41**	**150,041**	**150,000**
	Transfer from RDTE,N line 255		175,000	
	Transformation unjustified request		-25,000	
143	**SPARES AND REPAIR PARTS**	**424,405**	**420,700**	**-3,705**
	UMCS - UCA mission control stations spares early to need		-3,705	

PRIVATE CONTRACTED SHIP MAINTENANCE

The Committee directs the Secretary of the Navy to continue to provide the quarterly reports regarding private contracted ship maintenance as directed in House Report 116–453.

CENTRIFUGE PURIFIERS

The Committee is concerned by the dependence on one manufacturer for centrifuge purifiers in the surface combatant program, despite the use of multiple suppliers for this same equipment in non-surface combatant ships. Dependence on a single manufacturer for critical equipment introduces risk, potential cost growth, technology obsolescence, and potential delays for ship construction and maintenance. The Committee recommendation includes $1,000,000 for the Navy to complete a final review and approval for additional centrifuge purifier providers for surface combatant ships. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act on the status of final review and approval of additional suppliers of centrifuge purifiers for surface combatants.

PROCUREMENT, MARINE CORPS

Fiscal year 2022 budget request	$3,043,091,000
Committee recommendation	2,835,365,000
Change from budget request	−207,726,000

The Committee recommends an appropriation of $2,835,365,000 for Procurement, Marine Corps which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT, MARINE CORPS						
	WEAPONS AND COMBAT VEHICLES						
	TRACKED COMBAT VEHICLES						
1	AAV7A1 PIP	---	36,836	---	36,836	---	---
2	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	92	532,355	92	505,509	---	-26,846
3	LAV PIP	---	23,476	---	23,476	---	---
	ARTILLERY AND OTHER WEAPONS						
4	155MM LIGHTWEIGHT TOWED HOWITZER	---	32	---	32	---	---
5	ARTILLERY WEAPONS SYSTEM	---	67,548	---	67,548	---	---
6	WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION	---	35,402	---	30,693	---	-4,709
	OTHER SUPPORT						
	TOTAL, WEAPONS AND COMBAT VEHICLES	---	695,649	---	664,094		-31,555
	GUIDED MISSILES AND EQUIPMENT						
	GUIDED MISSILES						
8	GROUND BASED AIR DEFENSE	---	9,349	---	9,349	---	---
9	ANTI-ARMOR MISSILE - JAVELIN	98	937	98	937	---	---
10	FAMILY OF ANTI-ARMOR WEAPON SYSTEMS	---	20,481	---	20,481	---	---
11	ANTI-ARMOR MISSILE - TOW	---	14,359	---	11,603	---	-2,756
12	GUIDED MLRS ROCKET (GMLRS)	952	98,299	952	98,299	---	---
	TOTAL, GUIDED MISSILES AND EQUIPMENT	---	143,425	---	140,669		-2,756
	COMMUNICATIONS AND ELECTRONICS EQUIPMENT						
	COMMAND AND CONTROL SYSTEMS						
13	COMMON AVIATION COMMAND AND CONTROL SYSTEM	---	18,247	---	18,247	---	---
	REPAIR AND TEST EQUIPMENT						
14	REPAIR AND TEST EQUIPMENT	---	33,554	---	33,554	---	---
15	MODIFICATION KITS	---	167	---	167	---	---
	OTHER SUPPORT (TEL)						
	COMMAND AND CONTROL						
16	ITEMS UNDER $5 MILLION (COMM & ELEC)	---	64,879	---	64,405	---	-474
17	AIR OPERATIONS C2 SYSTEMS	---	1,291	---	1,291	---	---
	RADAR + EQUIPMENT (NON-TEL)						
19	GROUND/AIR TASK ORIENTED RADAR	8	297,369	8	286,769	---	-10,600
	INTELL/COMM EQUIPMENT (NON-TEL)						
20	GCSS-MC	---	604	---	604	---	---
21	FIRE SUPPORT SYSTEM	---	39,810	---	33,808	---	-6,002
22	INTELLIGENCE SUPPORT EQUIPMENT	---	67,309	---	53,870	---	-13,439

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
24	UNMANNED AIR SYSTEMS (INTEL)	---	24,299	---	16,919	---	-7,380
25	DCGS-MC	---	28,633	---	25,961	---	-2,672
26	UAS PAYLOADS	---	3,730	---	3,730	---	---
	OTHER SUPPORT (NON-TEL)						
29	NEXT GENERATION ENTERPRISE NETWORK	---	97,060	---	89,239	---	-7,821
30	COMMON COMPUTER RESOURCES	---	83,606	---	57,417	---	-26,189
31	COMMAND POST SYSTEMS	---	53,708	---	39,413	---	-14,295
32	RADIO SYSTEMS	---	468,678	---	417,235	---	-51,443
33	COMM SWITCHING & CONTROL SYSTEMS	---	49,600	---	40,988	---	-8,612
34	COMM & ELEC INFRASTRUCTURE SUPPORT	---	110,835	---	100,835	---	-10,000
35	CYBERSPACE ACTIVITIES	---	25,377	---	25,377	---	---
	CLASSIFIED PROGRAMS	---	4,034	---	4,034	---	---
	TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT	---	1,472,790	---	1,313,863		-158,927
	SUPPORT VEHICLES						
	ADMINISTRATIVE VEHICLES						
38	COMMERCIAL CARGO VEHICLES	---	17,848	---	17,848	---	---
	TACTICAL VEHICLES						
39	MOTOR TRANSPORT MODIFICATIONS	---	23,363	---	19,086	---	-4,277
40	JOINT LIGHT TACTICAL VEHICLE	613	322,013	613	308,224	---	-13,789
42	TRAILERS	---	9,876	---	9,876	---	---
	TOTAL, SUPPORT VEHICLES	---	373,100	---	355,034		-18,066
	ENGINEER AND OTHER EQUIPMENT						
	ENGINEER AND OTHER EQUIPMENT						
44	TACTICAL FUEL SYSTEMS	---	2,161	---	2,161	---	---
45	POWER EQUIPMENT ASSORTED	---	26,625	---	18,955	---	-7,670
46	AMPHIBIOUS SUPPORT EQUIPMENT	---	17,119	---	12,319	---	-4,800
47	EOD SYSTEMS	---	94,472	---	94,472	---	---
	MATERIALS HANDLING EQUIPMENT						
48	PHYSICAL SECURITY EQUIPMENT	---	84,513	---	105,813	---	+21,300
	GENERAL PROPERTY						
49	FIELD MEDICAL EQUIPMENT	---	8,105	---	8,105	---	---
50	TRAINING DEVICES	---	37,814	---	34,241	---	-3,573
51	FAMILY OF CONSTRUCTION EQUIPMENT	---	34,658	---	32,979	---	-1,679
52	ULTRA-LIGHT TACTICAL VEHICLE	---	15,439	---	15,439	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OTHER SUPPORT						
53	ITEMS LESS THAN $5 MILLION	---	4,402	---	4,402	---	---
	TOTAL, ENGINEER AND OTHER EQUIPMENT	---	325,308	---	328,886		+3,578
54	SPARES AND REPAIR PARTS	---	32,819	---	32,819	---	---
	TOTAL, PROCUREMENT, MARINE CORPS	---	3,043,091	---	2,835,365		-207,726

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	**AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES**	**532,355**	**505,509**	**-26,846**
	GFE - communications suites excess growth		-1,353	
	GFE - remote weapons systems excess growth		-5,259	
	Engineering change orders excess growth		-8,834	
	System engineering program management excess growth		-7,235	
	Vehicle modifications previously funded		-4,165	
6	**WEAPONS AND COMBAT VEHICLES UNDER $5 MILLIO**	**35,402**	**30,693**	**-4,709**
	Principal end item re-procurement unjustified request		-1,898	
	RHGPK production units failure to comply with congressional direction		-1,086	
	RHGPK accessories excess growth		-1,725	
11	**ANTI-ARMOR MISSILE-TOW**	**14,359**	**11,603**	**-2,756**
	Missile unit cost growth		-2,756	
16	**ITEMS UNDER $5 MILLION (COMM & ELEC)**	**64,879**	**64,405**	**-474**
	Combat camera systems previously funded		-474	
19	**GROUND/AIR TASK ORIENTED RADAR (G/ATOR)**	**297,369**	**286,769**	**-10,600**
	Support costs prior year carryover		-10,600	
21	**FIRE SUPPORT SYSTEM**	**39,810**	**33,808**	**-6,002**
	Mobile shelter modernization previously funded		-6,002	
22	**INTELLIGENCE SUPPORT EQUIPMENT**	**67,309**	**53,870**	**-13,439**
	Ground electronic attack system - enhanced EW unjustified request		-8,612	
	TSCS increment 3 unjustified request		-4,827	
24	**UNMANNED AIR SYSTEMS (INTEL)**	**24,299**	**16,919**	**-7,380**
	Long range/long endurance unjustified request		-7,380	
25	**DCGS-MC**	**28,633**	**25,961**	**-2,672**
	Common intel workstations excess to need		-2,672	
29	**NEXT GENERATION ENTERPRISE NETWORK (NGEN)**	**97,060**	**89,239**	**-7,821**
	Network equipment tech refresh excess growth		-3,636	
	EIM excess growth		-4,185	
30	**COMMON COMPUTER RESOURCES**	**83,606**	**57,417**	**-26,189**
	Wargaming hardware early to need		-23,898	
	Training and education headquarters support unjustified request		-2,291	
31	**COMMAND POST SYSTEMS**	**53,708**	**39,413**	**-14,295**
	NOTM system refresh/equipment upgrades early to need		-14,295	

P-1		Budget Request	Committee Recommended	Change from Request
32	**RADIO SYSTEMS**	**468,678**	**417,235**	**-51,443**
	REPNT unjustified request		-15,000	
	Ancillary and accessory components unjustified growth		-20,093	
	TCM ground radios sparing previously funded		-10,000	
	Line of sight optical capability previously funded		-6,350	
33	**COMM SWITCHING & CONTROL SYSTEMS**	**49,600**	**40,988**	**-8,612**
	ECP expeditionary form factor excess growth		-8,612	
34	**COMM & ELEC INFRASTRUCTURE SUPPORT**	**110,835**	**100,835**	**-10,000**
	Unified capabilities and dense wave division multiplexing excess growth		-10,000	
39	**MOTOR TRANSPORT MODIFICATIONS**	**23,363**	**19,086**	**-4,277**
	Heavy trailer ECP excess growth		-4,277	
40	**JOINT LIGHT TACTICAL VEHICLE**	**322,013**	**308,224**	**-13,789**
	Hardware kits previously funded		-13,789	
45	**POWER EQUIPMENT ASSORTED**	**26,625**	**18,955**	**-7,670**
	Intelligent power distribution previously funded		-7,670	
46	**AMPHIBIOUS SUPPORT EQUIPMENT**	**17,119**	**12,319**	**-4,800**
	Tactical unmanned resupply aircraft system and support unjustified request		-4,800	
48	**PHYSICAL SECURITY EQUIPMENT**	**84,513**	**105,813**	**21,300**
	Program increase - multi-domain counter-intrusion systems		21,300	
50	**TRAINING DEVICES**	**37,814**	**34,241**	**-3,573**
	CACCTUS lab equipment previously funded		-3,573	
51	**FAMILY OF CONSTRUCTION EQUIPMENT**	**34,658**	**32,979**	**-1,679**
	All-terrain crane SLEP previously funded		-1,679	

AIRCRAFT PROCUREMENT, AIR FORCE

Fiscal year 2022 budget request	$15,727,669,000
Committee recommendation	16,628,047,000
Change from budget request	+900,378,000

The Committee recommends an appropriation of $16,628,047,000 for Aircraft Procurement, Air Force which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	AIRCRAFT PROCUREMENT, AIR FORCE						
	COMBAT AIRCRAFT						
1	B-21 RAIDER	---	108,027	---	108,027	---	---
	TACTICAL FORCES						
2	F-35	48	4,167,604	48	4,217,604	---	+50,000
3	F-35 (AP-CY)	---	352,632	---	342,536	---	-10,096
5	F-15EX	12	1,186,903	12	1,122,087	---	-64,816
6	F-15EX (AP-CY)	---	147,919	---	147,919	---	---
	TOTAL, COMBAT AIRCRAFT	---	5,963,085	---	5,938,173		-24,912
	AIRLIFT AIRCRAFT/TACTICAL AIRLIFT						
7	KC-46A TANKER	14	2,380,315	14	2,315,315	---	-65,000
	OTHER AIRLIFT						
8	C-130J	1	128,896	1	615,796	---	+486,900
9	MC-130J	3	220,049	3	220,049	---	---
	TOTAL, AIRLIFT AIRCRAFT	---	2,729,260	---	3,151,160		+421,900
	OTHER AIRCRAFT						
	TRAINER AIRCRAFT						
11	ADVANCED TRAINER REPLACEMENT T-X	---	10,397	---	---	---	-10,397
	HELICOPTERS						
13	COMBAT RESCUE HELICOPTER	14	792,221	14	792,221	---	---
	MISSION SUPPORT AIRCRAFT						
16	CIVIL AIR PATROL A/C	---	2,813	---	11,400	---	+8,587
	OTHER AIRCRAFT						
17	TARGET DRONES	22	116,169	22	116,169	---	---
19	E-11 BACN/HAG	---	124,435	---	124,435	---	---
21	MQ-9	---	3,288	---	78,567	---	+75,279
	TOTAL, OTHER AIRCRAFT		1,049,323		1,122,792		+73,469
	MODIFICATION OF INSERVICE AIRCRAFT						
	STRATEGIC AIRCRAFT						
23	B-2A	---	29,944	---	29,944	---	---
24	B-1B	---	30,518	---	26,641	---	-3,877
25	B-52	---	74,957	---	82,820	---	+7,863
26	COMBAT RESCUE HELICOPTER	---	61,191	---	61,191	---	---
27	LARGE AIRCRAFT INFRARED COUNTERMEASURES	---	57,001	---	57,001	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	TACTICAL AIRCRAFT						
28	A-10	---	83,621	---	83,621	---	---
29	E-11 BACN/HAG	---	68,955	---	68,955	---	---
30	F-15	---	234,340	---	223,790	---	-10,550
31	F-16	---	613,166	---	702,051	---	+88,885
32	F-22A	---	424,722	---	364,722	---	-60,000
33	F-35 MODIFICATIONS	---	304,135	---	263,135	---	-41,000
34	F-15 EPAW	6	149,797	6	116,808	---	-32,989
36	KC-46A MODS	---	1,984	---	1,984	---	---
	AIRLIFT AIRCRAFT						
37	C-5	---	25,431	---	25,431	---	---
38	C-17A	---	59,570	---	59,570	---	---
40	C-32A	---	1,949	---	1,949	---	---
41	C-37A	---	5,984	---	5,984	---	---
	TRAINER AIRCRAFT						
42	GLIDER MODS	---	142	---	142	---	---
43	T6	---	8,735	---	8,735	---	---
44	T-1	---	3,872	---	872	---	-3,000
45	T-38	---	49,851	---	49,851	---	---
	OTHER AIRCRAFT						
46	U-2 MODS	---	126,809	---	126,809	---	---
47	KC-10A (ATCA)	---	1,902	---	1,902	---	---
49	VC-25A MOD	---	96	---	96	---	---
50	C-40	---	262	---	262	---	---
51	C-130	---	29,071	---	274,071	---	+245,000
52	C130J MODS	---	110,784	---	110,784	---	---
53	C-135	---	61,376	---	61,376	---	---
54	COMPASS CALL MODS	---	195,098	---	195,098	---	---
56	RC-135	---	207,596	---	207,596	---	---
57	E-3	---	109,855	---	109,855	---	---
58	E-4	---	19,081	---	19,081	---	---
59	E-8	---	16,312	---	16,312	---	---
60	AIRBORNE WARNING AND CONTROL SYSTEM	---	30,327	---	26,627	---	-3,700
62	H-1	---	1,533	---	1,533	---	---
63	H-60	---	13,709	---	13,709	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
64	RQ-4 UAV MODS	---	3,205	---	3,205	---	---
65	HC/MC-130 MODIFICATIONS	---	150,263	---	148,815	---	-1,448
66	OTHER AIRCRAFT	---	54,828	---	54,828	---	---
67	MQ-9 MODS	---	144,287	---	144,287	---	---
68	MQ-9 UAS PAYLOADS	---	40,800	---	55,200	---	+14,400
69	SENIOR LEADER C3, SYSTEM - AIRCRAFT	---	23,554	---	23,554	---	---
70	CV-22 MODS	---	158,162	---	240,562	---	+82,400
	TOTAL, MODIFICATION OF INSERVICE AIRCRAFT	---	3,788,775	---	4,070,759		+281,984
	AIRCRAFT SPARES AND REPAIR PARTS						
71	INITIAL SPARES/REPAIR PARTS	---	923,573	---	1,071,510	---	+147,937
	AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES						
	COMMON SUPPORT EQUIPMENT						
72	AIRCRAFT REPLACEMENT SUPPORT EQUIP	---	138,761	---	138,761	---	---
	POST PRODUCTION SUPPORT						
73	B-2A	---	1,651	---	1,651	---	---
74	B-2B	---	38,811	---	38,811	---	---
75	B-52	---	5,602	---	5,602	---	---
78	F-15	---	2,324	---	2,324	---	---
79	F-16 POST PRODUCTION SUPPORT	---	10,456	---	10,456	---	---
80	OTHER AIRCRAFT	---	---	---	---	---	---
81	RQ-4 POST PRODUCTION CHARGES	---	24,592	---	24,592	---	---
	INDUSTRIAL PREPAREDNESS						
82	INDUSTRIAL PREPAREDNESS	---	18,110	---	18,110	---	---
	WAR CONSUMABLES						
83	WAR CONSUMABLES	---	35,866	---	35,866	---	---
	OTHER PRODUCTION CHARGES						
84	OTHER PRODUCTION CHARGES	---	979,388	---	979,388	---	---
	TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	---	1,255,561	---	1,255,561		---
	CLASSIFIED PROGRAMS	---	18,092	---	18,092	---	---
	TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE	---	15,727,669	---	16,628,047		+900,378

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	**F-35**	**4,167,604**	**4,217,604**	**50,000**
	Program increase - depot acceleration		50,000	
3	**F-35 (AP)**	**352,632**	**342,536**	**-10,096**
	Airframe/CFE long lead material unjustified growth		-8,380	
	Engines/Eng ACC unjustified growth		-1,716	
5	**F-15EX**	**1,186,903**	**1,122,087**	**-64,816**
	Airframe, engines and AME cost adjustment		-34,800	
	Spares unjustified growth		-9,016	
	Depot activation ahead of need		-21,000	
7	**KC-46A MDAP**	**2,380,315**	**2,315,315**	**-65,000**
	PMA excess growth		-5,000	
	ECO excess to need		-60,000	
8	**C-130J**	**128,896**	**615,796**	**486,900**
	Program increase - four aircraft only for the Air Force Reserve		429,200	
	Program increase - critical production DMS requirements		57,700	
11	**ADVANCED REPLACEMENT TRAINER T-X**	**10,397**	**0**	**-10,397**
	Procurement funds ahead of need		-10,397	
16	**CIVIL AIR PATROL**	**2,813**	**11,400**	**8,587**
	Program increase		8,587	
21	**MQ-9**	**3,288**	**78,567**	**75,279**
	Program increase - four aircraft		75,279	
24	**B-1B**	**30,518**	**26,641**	**-3,877**
	MIDS-JTRS installs ahead of need		-3,877	
25	**B-52**	**74,957**	**82,820**	**7,863**
	Air Force requested transfer from line 71 for GPS-IU		7,863	
30	**F-15**	**234,340**	**223,790**	**-10,550**
	F-15E MIDS-JTRS installs excess to need		-1,883	
	E/MUOS ahead of need		-8,667	
31	**F-16**	**613,166**	**702,051**	**88,885**
	Program increase - AESA radars only for for Air National Guard		62,700	
	Program increase - AESA spares kits only for Air National Guard		25,620	
	Program increase - AESA wideband radomes and spares only for Air National Guard		7,540	
	AESA (active) cost adjustment for increased quantity		-26,975	
	Program increase - HUD upgrade		20,000	

P-1		Budget Request	Committee Recommended	Change from Request
32	**F-22A**	**424,722**	**364,722**	**-60,000**
	Sensor enhancements forward financing		-70,000	
	Program increase - RAMP		10,000	
33	**F-35 MODIFICATIONS**	**304,135**	**263,135**	**-41,000**
	Block 4 group A installs ahead of need		-41,000	
34	**F-15 EPAW**	**149,797**	**116,808**	**-32,989**
	Other government costs forward financing		-20,000	
	Support equipment forward financing		-7,100	
	Change orders excess to need		-5,889	
44	**T-1**	**3,872**	**872**	**-3,000**
	Excess to need		-3,000	
51	**C-130**	**29,071**	**274,071**	**245,000**
	Program increase - eight blade propeller upgrade		151,000	
	Program increase - engine enhancement program		79,000	
	Program increase - modular airborne firefighting system		15,000	
60	**AWACS 40/45**	**30,327**	**26,627**	**-3,700**
	Block 40/45 carryover		-3,700	
65	**HC/MC-130 MODS**	**150,263**	**148,815**	**-1,448**
	Communications modernization phase 1 NRE ahead of need		-1,448	
68	**MQ-9 UAS PAYLOADS**	**40,800**	**55,200**	**14,400**
	Program increase - Gorgon Stare operational loss replacement		14,400	
70	**CV-22 MODS**	**158,162**	**240,562**	**82,400**
	Program increase - SOCOM unfunded priority for CV-22 reliability acceleration		82,400	
71	**INITIAL SPARES/REPAIR PARTS**	**923,573**	**1,071,510**	**147,937**
	Air Force requested transfer to line 25 for B-52 GPS-IU		-7,863	
	HH-60W spares ahead of need		-19,200	
	Program increase - unfunded priority for F135 spare engine power modules only for Air Force		175,000	

C–130J RESERVE COMPONENT BASING

The Committee has provided funding in recent fiscal years to recapitalize Air National Guard (ANG) and Air Force Reserve (AFR) C–130H aircraft with new C–130J aircraft. The Committee has provided this funding on the presumption that the Air Force will utilize its established strategic basing process to determine which units and locations will receive these new aircraft as they are made available. This process was described in a recent report to Congress by the Secretary of the Air Force as deliberate, repeatable, standardized, and transparent. The Committee finds that recent basing actions by the Air Force have weakened the qualities of standardization and transparency in this process. The Committee has operated with the understanding that the Air Force would, at minimum, not announce preferred alternatives for C–130J basing unless all the aircraft required to equip each unit and location in question had been funded by enacted appropriations legislation. However, the November 2020 announcement of the preferred alternative for the location known as Main Operating Base 6 was made prior to funds for aircraft to equip that location being made available. The Air Force has defended that decision as preparatory based on high confidence that the funds would be enacted. However, the timing of the announcement was not necessitated by such considerations and had the effect of prejudicing congressional deliberations on pending legislation. The announcement also contradicted other communications to the Committee regarding the proper timing of C–130J basing decisions.

In order to restore standardization and transparency to the C–130J basing process, the Committee directs the Secretary of the Air Force to submit a report to the House and Senate Appropriations Committees clarifying when it is appropriate to initiate or announce each major decision point in the strategic basing process for C–130J aircraft appropriated for the ANG and AFR, as well as clarifying which offices hold responsibility for such decisions within the Department of the Air Force. This report shall be submitted to the Committees not later than September 30, 2021.

In addition, the Committee is concerned that the strategic basing process does not consider unit readiness and performance metrics for existing Air National Guard and Air Force Reserve C–130H units in the basing criteria. The Committee understands that in some cases a unit's performance can be affected by the age and condition of its C–130H aircraft but can also be indicative of effective maintenance and management of the fleet, and believes that the Air Force should take unit performance metrics such as mission capable rate into account. Therefore, the Committee directs the Secretary of the Air Force to submit a report on the extent to which unit-controllable readiness and performance factors are, or could be, factored into strategic basing criteria for reserve component C–130J basing. This report shall be submitted to the congressional defense committees not later than 90 days after the enactment of this Act.

MISSILE PROCUREMENT, AIR FORCE

Fiscal year 2022 budget request	$2,669,811,000
Committee recommendation	2,529,462,000
Change from budget request	−140,349,000

The Committee recommends an appropriation of $2,529,462,000 for Missile Procurement, Air Force which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	MISSILE PROCUREMENT, AIR FORCE						
	BALLISTIC MISSILES						
	MISSILE REPLACEMENT EQUIPMENT - BALLISTIC						
1	MISSILE REPLACEMENT EQ-BALLISTIC	---	57,793	---	57,793	---	---
	BALLISTIC MISSILES						
2	GROUND BASED STRATEGIC DETERRENT	---	10,895	---	8,895	---	-2,000
	OTHER MISSILES						
	TACTICAL						
3	REPLAC EQUIP & WAR CONSUMABLES	---	7,681	---	7,681	---	---
4	AGM-183A AIR-LAUNCHED RAPID RESPONSE WEAPON	---	160,850	---	116,850	---	-44,000
6	JOINT AIR-SURFACE STANDOFF MISSILE (JASSM)	525	710,550	525	642,876	---	-67,674
8	SIDEWINDER (AIM-9X)	243	107,587	243	107,587	---	---
9	AMRAAM	168	214,002	168	214,002	---	---
10	PREDATOR HELLFIRE MISSILE	1,176	103,684	1,176	103,684	---	---
11	SMALL DIAMETER BOMB	998	82,819	998	72,859	---	-9,960
12	SMALL DIAMETER BOMB II	985	294,649	985	275,934	---	-18,715
	INDUSTRIAL FACILITIES						
13	INDUSTRIAL PREPAREDNESS/POLLUTION PREVENTION	---	757	---	757	---	---
	TOTAL, OTHER MISSILES	---	1,682,579	---	1,542,230		-140,349
	MODIFICATION OF INSERVICE MISSILES						
	CLASS IV						
15	ICBM FUZE MOD	40	53,013	40	53,013	---	---
16	ICBM FUZE MOD	---	47,757	---	47,757	---	---
15	MM III MODIFICATIONS	---	88,579	---	88,579	---	---
17	AIR LAUNCH CRUISE MISSILE	---	46,799	---	46,799	---	---
	TOTAL, MODIFICATION OF INSERVICE MISSILES	---	236,148	---	236,148		---
	SPARES AND REPAIR PARTS						
18	INITIAL SPARES/REPAIR PARTS	---	14,212	---	16,212	---	+2,000
19	REPLEN SPARES/REPAIR PARTS	---	63,547	---	63,547	---	---
20	INITIAL SPARES/REPAIR PARTS	---	4,045	---	4,045	---	---
	TOTAL, SPARES AND REPAIR PARTS	---	81,804	---	83,804		+2,000

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	SPECIAL PROGRAMS						
27	SPECIAL UPDATE PROGRAMS	---	30,352	---	30,352	---	---
	CLASSIFIED PROGRAMS	---	570,240	---	570,240	---	---
	TOTAL, SPECIAL PROGRAMS	---	600,592	---	600,592		---
	TOTAL, MISSILE PROCUREMENT, AIR FORCE	---	2,669,811	---	2,529,462		-140,349

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	**GROUND BASED STRATEGIC DETERRENT**	**10,895**	**8,895**	**-2,000**
	Air Force requested transfer to line 20 for KS-75		-2,000	
4	**AGM-183A AIR-LAUNCHED RAPID RESPONSE WEAPON**	**160,850**	**116,850**	**-44,000**
	Reduction in quantity for increased concurrency risk		-44,000	
6	**JASSM**	**710,550**	**642,876**	**-67,674**
	AGM-158B-2 carry over		-48,634	
	AGM-158D ahead of need		-19,040	
11	**SMALL DIAMETER BOMB**	**82,819**	**72,859**	**-9,960**
	Contract delays		-9,960	
12	**SMALL DIAMETER BOMB II**	**294,649**	**275,934**	**-18,715**
	Pricing adjustment		-18,715	
20	**MISSILE SPARES / REPAIR PARTS (INITIAL)**	**14,212**	**16,212**	**2,000**
	Air Force requested transfer from line 2 for KS-75		2,000	

AIR-LAUNCHED RAPID RESPONSE WEAPON

The budget request includes $160,850,000 to procure the first twelve Air-Launched Rapid Response Weapon (ARRW) hypersonic missiles in support of a rapid fielding program. This rapid fielding initiative overlaps, and presumes the success of, the ARRW rapid prototyping program. The Committee fully funds the ARRW rapid prototyping program in the Research, Development, Test and Evaluation, Air Force account. The Committee notes that the flight test regimen for the rapid prototyping program has become increasingly delayed and compressed, increasing the concurrency risk to the first production lot of weapons funded in this account. The Air Force plans to address discoveries in the remaining flight tests with engineering change orders that are funded here. Due to the increased risk, the Committee recommends a reduction of $44,000,000, an amount approximately equal to four missiles, to the request while noting that the rapid prototyping effort intends to provide up to four all-up round missiles as a residual early operational capability. Should the prototyping flight tests result in minimal discoveries, rendering the budgeted funds for engineering change orders excess to need, the Committee supports the use of these funds to procure missiles above the eight funded in this recommendation by utilizing buy-to-budget authority.

PROCUREMENT OF AMMUNITION, AIR FORCE

Fiscal year 2022 budget request	$795,168,000
Committee recommendation	672,321,000
Change from budget request	– 122,847,000

The Committee recommends an appropriation of $672,321,000 for Procurement of Ammunition, Air Force which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT OF AMMUNITION, AIR FORCE						
	PROCUREMENT OF AMMO, AIR FORCE						
1	ROCKETS	---	36,597	---	36,597	---	---
2	CARTRIDGES	---	169,163	---	169,163	---	---
	BOMBS						
3	PRACTICE BOMBS	---	48,745	---	48,745	---	---
4	GENERAL PURPOSE BOMBS	---	176,565	---	176,565	---	---
5	MASSIVE ORDNANCE PENETRATOR (MOP)	---	15,500	---	15,500	---	---
6	JOINT DIRECT ATTACK MUNITION	1,919	124,102	1,919	4,755	---	-119,347
7	B61	---	2,709	---	2,709	---	---
9	CAD/PAD	---	47,210	---	47,210	---	---
10	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	---	6,151	---	6,151	---	---
11	SPARES AND REPAIR PARTS	---	535	---	535	---	---
12	MODIFICATIONS	---	292	---	292	---	---
13	ITEMS LESS THAN $5,000,000	---	9,164	---	9,164	---	---
	FLARES/FUZES						
15	FLARES	---	95,297	---	95,297	---	---
16	FUZES	---	50,795	---	50,795	---	---
	TOTAL, PROCUREMENT OF AMMO, AIR FORCE	---	782,825	---	663,478		-119,347
	WEAPONS						
17	SMALL ARMS	---	12,343	---	8,843	---	-3,500
	TOTAL, PROCUREMENT OF AMMUNITION, AIR FORCE	---	795,168	---	672,321		-122,847

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
6	JOINT DIRECT ATTACK MUNITION	124,102	4,755	-119,347
	Program carryover		-119,347	
17	SMALL ARMS	12,343	8,843	-3,500
	Hold for price adjustments excess growth		-3,500	

OTHER PROCUREMENT, AIR FORCE

Fiscal year 2022 budget request	$25,251,137,000
Committee recommendation	25,292,801,000
Change from budget request	+41,664,000

The Committee recommends an appropriation of $25,292,801,000 for Other Procurement, Air Force which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OTHER PROCUREMENT, AIR FORCE						
	VEHICULAR EQUIPMENT						
	PASSENGER CARRYING VEHICLES						
1	PASSENGER CARRYING VEHICLE	---	8,448	---	8,448	---	---
	CARGO + UTILITY VEHICLES						
2	FAMILY MEDIUM TACTICAL VEHICLE	---	5,804	---	5,804	---	---
3	CAP VEHICLES	---	1,066	---	1,800	---	+734
4	ITEMS LESS THAN $5M (CARGO AND UTILITY VEHICLES)	---	57,459	---	57,459	---	---
	SPECIAL PURPOSE VEHICLES						
5	JOINT LIGHT TACTICAL VEHICLE	---	97,326	---	90,584	---	-6,742
6	SECURITY AND TACTICAL VEHICLES	---	488	---	488	---	---
7	ITEMS LESS THAN $5M (SPECIAL PURPOSE VEHICLES)	---	75,694	---	75,694	---	---
	FIRE FIGHTING EQUIPMENT						
8	FIRE FIGHTING/CRASH RESCUE VEHICLES	---	12,525	---	12,525	---	---
	MATERIALS HANDLING EQUIPMENT						
9	ITEMS LESS THAT $5M (MATERIALS HANDLING EQUIPMENT)	---	34,933	---	34,933	---	---
	BASE MAINTENANCE SUPPORT						
10	RUNWAY SNOW REMOVAL & CLEANING EQUIP	---	9,134	---	9,134	---	---
11	ITEMS LESS THAN $5M (BASE MAINTENANCE SUPPORT VEHICLES)	---	111,820	---	111,820	---	---
	TOTAL, VEHICULAR EQUIPMENT	---	414,697	---	408,689		-6,008
	ELECTRONICS AND TELECOMMUNICATIONS EQUIP						
	COMM SECURITY EQUIPMENT(COMSEC)						
13	COMSEC EQUIPMENT	---	66,022	---	66,022	---	---
14	STRATEGIC MICROELECTRONIC SUPPLY SYSTEM	---	885,051	---	885,051	---	---
	INTELLIGENCE PROGRAMS						
15	INTERNATIONAL INTEL TECH AND ARCHITECTURES	---	5,809	---	5,809	---	---
16	INTELLIGENCE TRAINING EQUIPMENT	---	5,719	---	5,719	---	---
17	INTELLIGENCE COMM EQUIP	---	25,844	---	25,844	---	---
	ELECTRONICS PROGRAMS						
18	TRAFFIC CONTROL/LANDING	---	44,516	---	44,516	---	---
19	BATTLE CONTROL SYSTEM - FIXED	---	2,940	---	2,940	---	---
20	THEATER AIR CONTROL SYS IMPRO	---	43,442	---	43,442	---	---
21	3D EXPEDITIONARY LONG-RANGE RADAR	---	96,186	---	96,186	---	---
22	WEATHER OBSERVATION FORECAST	---	32,376	---	32,376	---	---
23	STRATEGIC COMMAND AND CONTROL	---	37,950	---	37,950	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
24	CHEYENNE MOUNTAIN COMPLEX	---	8,258	---	8,258	---	---
25	MISSION PLANNING SYSTEMS	---	14,717	---	14,717	---	---
	SPECIAL COMM-ELECTRONICS PROJECTS						
27	GENERAL INFORMATION TECHNOLOGY	---	43,917	---	43,917	---	---
28	AF GLOBAL COMMAND & CONTROL SYSTEM	---	414	---	414	---	---
30	MOBILITY COMMAND AND CONTROL	---	10,619	---	10,619	---	---
31	AIR FORCE PHYSICAL SECURITY SYSTEM	---	101,896	---	101,896	---	---
32	COMBAT TRAINING RANGES	---	222,598	---	212,868	---	-9,730
33	COMBAT TRAINING RANGES (AP)	---	14,730	---	14,730	---	---
34	MINIMUM ESSENTIAL EMERGENCY COMM N	---	77,119	---	68,084	---	-9,035
35	WIDE AREA SURVEILLANCE (WAS)	---	38,794	---	38,794	---	---
36	C3 COUNTERMEASURES	---	131,238	---	131,238	---	---
37	INTEGRATED PERSONNEL AND PAY SYSTEM	---	15,240	---	15,240	---	---
38	GCSS-AF FOS	---	3,959	---	3,959	---	---
40	MAINTENANCE REPAIR AND OVERHAUL INITIATIVE	---	4,387	---	4,387	---	---
41	THEATER BATTLE MGT C2 SYS	---	4,052	---	4,052	---	---
42	AIR AND SPACE OPERATIONS CTR-WPN SYSTEM	---	2,224	---	2,224	---	---
	AIR FORCE COMMUNICATIONS						
43	INFORMATION TRANSPORT SYSTEMS	---	58,499	---	58,499	---	---
44	AFNET	---	65,354	---	65,354	---	---
45	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	---	4,377	---	4,377	---	---
46	USCENTCOM	---	18,101	---	18,101	---	---
47	USSTRATCOM	---	4,226	---	4,226	---	---
	ORGANIZATION AND BASE						
48	TACTICAL C-E EQUIPMENT	---	162,955	---	162,955	---	---
49	RADIO EQUIPMENT	---	14,232	---	14,232	---	---
51	BASE COMM INFRASTRUCTURE	---	200,797	---	200,797	---	---
	MODIFICATIONS						
52	COMM ELECT MODS	---	18,607	---	18,607	---	---
	TOTAL, ELECTRONICS AND TELECOMMUNICATIONS EQUIP	---	2,487,165	---	2,468,400		-18,765

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	OTHER BASE MAINTENANCE AND SUPPORT EQUIP						
	PERSONAL SAFETY AND RESCUE EQUIP						
53	ITEMS LESS THAN $5,000,000 (SAFETY)	---	106,449	---	69,787	---	-36,662
	DEPOT PLANT + MATERIALS HANDLING EQ						
54	POWER CONDITIONING EQUIPMENT	---	11,274	---	11,274	---	---
55	MECHANIZED MATERIAL HANDLING	---	8,594	---	8,594	---	---
	BASE SUPPORT EQUIPMENT						
56	BASE PROCURED EQUIPMENT	---	1	---	25,000	---	+24,999
57	ENGINEERING AND EOD EQUIPMENT	---	32,139	---	32,139	---	---
58	MOBILITY EQUIPMENT	---	63,814	---	63,814	---	---
59	FUELS SUPPORT EQUIPMENT (FSE)	---	17,928	---	17,928	---	---
60	ITEMS LESS THAN $5M (BASE SUPPORT)	---	48,534	---	48,534	---	---
	SPECIAL SUPPORT PROJECTS						
62	DARP RC135	---	27,359	---	27,359	---	---
63	DISTRIBUTED GROUND SYSTEMS	---	261,070	---	261,070	---	---
65	SPECIAL UPDATE PROGRAM	---	777,652	---	777,652	---	---
	TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP	---	1,354,814	---	1,343,151		-11,663
	SPARE AND REPAIR PARTS						
66	SPARES AND REPAIR PARTS (CYBER)	---	978	---	978	---	---
67	SPARES AND REPAIR PARTS	---	9,575	---	9,575	---	---
	CLASSIFIED PROGRAMS	---	20,983,908	---	21,062,008	---	+78,100
	TOTAL, OTHER PROCUREMENT, AIR FORCE		25,251,137		25,292,801		+41,664

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
3	**CAP VEHICLES**	**1,066**	**1,800**	**734**
	Program increase		734	
5	**JOINT LIGHT TACTICAL VEHICLE**	**97,326**	**90,584**	**-6,742**
	JLTV and trailers unit cost adjustments		-6,742	
32	**COMBAT TRAINING RANGES**	**222,598**	**212,868**	**-9,730**
	Excess to need		-14,730	
	Program increase - simplified planning execution analysis and reconstruction		5,000	
34	**MEECN**	**77,119**	**68,084**	**-9,035**
	GASNTi1 ICS excess growth		-9,035	
53	**PERSONAL SAFETY & RESCUE EQUIPMENT**	**106,449**	**69,787**	**-36,662**
	NGES ahead of need		-36,662	
56	**BASE PROCURED EQUIPMENT**	**1**	**25,000**	**24,999**
	Programming error		-1	
	Program increase - modular small arms ranges only for Air National Guard		25,000	
999	**CLASSIFIED PROGRAMS**	**20,983,908**	**21,062,008**	**78,100**
	Classified adjustment		78,100	

PROCUREMENT, SPACE FORCE

Fiscal year 2022 budget request	$2,766,854,000
Committee recommendation	2,741,708,000
Change from budget request.	−25,146,000

The Committee recommends an appropriation of $2,741,708,000 for Procurement, Space Force which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	PROCUREMENT, SPACE FORCE						
	SPACE PROGRAMS						
2	AF SATELLITE COMM SYSTEM	---	43,655	---	33,155	---	-10,500
3	COUNTERSPACE SYSTEMS	---	64,804	---	64,804	---	---
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	---	39,444	---	39,444	---	---
5	GENERAL INFORMATION TECH - SPACE	---	3,316	---	3,316	---	---
6	GPSIII FOLLOW ON	2	601,418	2	601,418	---	---
7	GPS III SPACE SEGMENT	---	84,452	---	77,852	---	-6,600
8	GLOBAL POSTIONING (SPACE)	---	2,274	---	2,274	---	---
9	HERITAGE TRANSITION	---	13,529	---	13,529	---	---
10	SPACEBORNE EQUIP (COMSEC)	---	26,245	---	26,245	---	---
11	MILSATCOM	---	24,333	---	24,333	---	---
12	SBIR HIGH (SPACE)	---	154,526	---	154,526	---	---
13	SPECIAL SPACE ACTIVITIES	---	142,188	---	142,188	---	---
14	MOBILE USER OBJECTIVE SYSTEM	---	45,371	---	45,371	---	---
15	NATIONAL SECURITY SPACE LAUNCH	5	1,337,347	5	1,337,347	---	---
16	NUDET DETECTION SYSTEM	---	6,690	---	6,690	---	---
17	PTES HUB	---	7,406	---	7,406	---	---
18	ROCKET SYSTEMS LAUNCH PROGRAM	---	10,429	---	10,429	---	---
20	SPACE MODS	---	64,371	---	56,325	---	-8,046
21	SPACELIFT RANGE SYSTEM SPACE	---	93,774	---	93,774	---	---
22	SPARES AND REPAIR PARTS	---	1,282	---	1,282	---	---
	TOTAL, PROCUREMENT, SPACE FORCE		2,766,854		2,741,708		-25,146

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
2	**AF SATELLITE COMM SYSTEM**	**43,655**	**33,155**	**-10,500**
	Underexecution		-10,500	
7	**GPS III SPACE SEGMENT**	**84,452**	**77,852**	**-6,600**
	Underexecution		-6,600	
20	**SPACE MODS**	**64,371**	**56,325**	**-8,046**
	Inadequate justification		-8,046	

NATIONAL SECURITY SPACE LAUNCH

The Committee directs the Secretary of Defense and the Director of National Intelligence to utilize the Space Force launch enterprise for National Security Space Launch-class missions unless the Secretary of Defense and, if appropriate, the Director of National Intelligence, certify to the congressional defense and intelligence committees that an alternative launch procurement approach for a designated mission is in the national security and financial interest of the government, and provide a cost analysis and any other rationale for such a determination.

PROCUREMENT, DEFENSE WIDE

Fiscal year 2022 budget request	$5,548,212,000
Committee recommendation	5,413,546,000
Change from budget request	−134,666,000

The Committee recommends an appropriation of $5,413,546,000 for Procurement, Defense-Wide which will provide the following program in fiscal year 2022:

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST		RECOMMENDED		CHANGE FROM REQUEST	
		QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	PROCUREMENT, DEFENSE-WIDE						
	MAJOR EQUIPMENT						
	MAJOR EQUIPMENT, DCSA						
2	MAJOR EQUIPMENT	---	3,014	---	3,014	---	---
	MAJOR EQUIPMENT, DHRA						
4	PERSONNEL ADMINISTRATION	---	4,042	---	4,042	---	---
	MAJOR EQUIPMENT, DISA						
10	INFORMATION SYSTEMS SECURITY	---	18,923	---	18,923	---	---
11	TELEPORT PROGRAM	---	34,908	---	34,908	---	---
12	JOINT FORCES HEADQUARTERS - DODIN	---	1,968	---	1,968	---	---
13	ITEMS LESS THAN $5M	---	42,270	---	42,270	---	---
14	DEFENSE INFORMATION SYSTEMS NETWORK	---	18,025	---	18,025	---	---
15	WHITE HOUSE COMMUNICATION AGENCY	---	44,522	---	44,522	---	---
16	SENIOR LEADERSHIP ENTERPRISE	---	54,592	---	54,592	---	---
17	JOINT REGIONAL SECURITY STACKS (JRSS)	---	62,657	---	62,657	---	---
18	JOINT SERVICE PROVIDER	---	102,039	---	102,039	---	---
19	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	---	80,645	---	80,645	---	---
	MAJOR EQUIPMENT, DLA						
21	MAJOR EQUIPMENT	---	530,896	---	510,896	---	-20,000
	MAJOR EQUIPMENT, DMACT						
22	MAJOR EQUIPMENT	---	8,498	---	8,498	---	---
	MAJOR EQUIPMENT, DODEA						
23	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	---	2,963	---	2,963	---	---
	MAJOR EQUIPMENT, DPAA						
24	MAJOR EQUIPMENT, DPAA	10	494	10	494	---	---
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY						
26	VEHICLES	---	118	---	118	---	---
27	OTHER MAJOR EQUIPMENT	---	12,681	---	12,681	---	---
	MAJOR EQUIPMENT, MDA						
29	THAAD SYSTEM	18	251,543	41	251,543	+23	---
31	AEGIS BMD	40	334,621	34	334,621	-6	---
32	AEGIS BMD (AP)	---	17,493	---	17,493	---	---
33	BMDS AN/TPY-2 RADARS	---	2,738	---	2,738	---	---
34	AEGIS BMD SM-3 BLOCK IIA	8	295,322	6	295,322	-2	---
35	ISRAELI PROGRAMS	1	62,000	1	62,000	---	---

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
36	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	1	30,000	1	30,000	---	---
37	DEFENSE OF GUAM PROCUREMENT	---	40,000	---	---	---	-40,000
38	AEGIS ASHORE PHASE III	---	25,866	---	25,866	---	---
39	IRON DOME SYSTEM	1	108,000	1	108,000	---	---
40	AEGIS BMD HARDWARE AND SOFTWARE	14	81,791	49	81,791	+35	---
	MAJOR EQUIPMENT, NSA						
46	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	---	315	---	315	---	---
	MAJOR EQUIPMENT, OSD						
47	MAJOR EQUIPMENT, OSD	---	31,420	---	34,420	---	+3,000
48	JOINT CAPABILITY TECH DEMONSTRATION (JCTD)	---	74,060	---	74,060	---	---
	MAJOR EQUIPMENT, TJS						
49	MAJOR EQUIPMENT, TJS	---	7,830	---	7,830	---	---
	TOTAL, MAJOR EQUIPMENT	---	2,386,254	---	2,329,254		-57,000
	SPECIAL OPERATIONS COMMAND AVIATION PROGRAMS						
52	ARMED OVERWATCH/TARGETING	6	170,000	6	166,000	---	-4,000
53	MANNED ISR	---	2,500	---	2,500	---	---
54	MC-12	---	2,250	---	2,250	---	---
55	MH-60 BLACKHAWK	---	29,900	---	29,900	---	---
56	SOF ROTARY WING UPGRADES AND SUSTAINMENT	---	202,278	---	207,278	---	+5,000
57	Unmanned ISR	---	55,951	---	55,951	---	---
58	NON-STANDARD AVIATION	---	3,282	---	3,282	---	---
59	SOF U-28	---	4,176	---	4,176	---	---
60	MH-47 CHINOOK	---	130,485	---	102,485	---	-28,000
61	CV-22 SOF MODIFICATION	---	41,762	---	47,572	---	+5,810
62	MQ-9 UNMANNED AERIAL VEHICLE	---	8,020	---	8,020	---	---
63	PRECISION STRIKE PACKAGE	---	165,224	---	165,224	---	---
64	AC/MC-130J	---	205,216	---	205,216	---	---
65	C-130 MODIFICATIONS	---	13,373	---	13,373	---	---
	SHIPBUILDING						
66	UNDERWATER SYSTEMS	---	17,227	---	17,227	---	---
	AMMUNITION PROGRAMS						
67	SOF ORDNANCE ITEMS UNDER $5,000,000	---	168,072	---	127,624	---	-40,448

PROCUREMENT
(DOLLARS IN THOUSANDS)

		REQUEST QTY	REQUEST AMOUNT	RECOMMENDED QTY	RECOMMENDED AMOUNT	CHANGE FROM REQUEST QTY	CHANGE FROM REQUEST AMOUNT
	OTHER PROCUREMENT PROGRAMS						
68	SOF INTELLIGENCE SYSTEMS	---	131,889	---	131,889	---	---
69	DCGS-SOF	---	5,991	---	5,991	---	---
70	OTHER ITEMS UNDER $5,000,000	---	62,722	---	55,722	---	-7,000
71	SOF COMBATANT CRAFT SYSTEMS	---	17,080	---	17,080	---	---
72	SPECIAL PROGRAMS	---	44,351	---	65,351	---	+21,000
73	TACTICAL VEHICLES	---	26,806	---	26,806	---	---
74	WARRIOR SYSTEMS UNDER $5,000,000	---	284,548	---	286,048	---	+1,500
75	COMBAT MISSION REQUIREMENTS	---	27,513	---	4,513	---	-23,000
77	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	---	20,252	---	20,252	---	---
78	SOF OPERATIONAL ENHANCEMENTS	---	328,569	---	361,872	---	+33,303
	TOTAL, SPECIAL OPERATIONS COMMAND	---	2,169,437	---	2,133,602		-35,835
	CHEMICAL/BIOLOGICAL DEFENSE						
79	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	---	167,918	---	151,468	---	-16,450
80	CB PROTECTION AND HAZARD MITIGATION	---	189,265	---	183,884	---	-5,381
	TOTAL, CHEMICAL/BIOLOGICAL DEFENSE	---	357,183	---	335,352		-21,831
9999	CLASSIFIED PROGRAMS	---	635,338	---	615,338	---	-20,000
	TOTAL, PROCUREMENT, DEFENSE-WIDE	---	5,548,212	---	5,413,546		-134,666

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

P-1		Budget Request	Committee Recommended	Change from Request
21	**MAJOR EQUIPMENT**	**530,896**	**510,896**	**-20,000**
	MGUE excess growth		-20,000	
37	**DEFENSE OF GUAM PROCUREMENT**	**40,000**	**0**	**-40,000**
	Lack of acquisition strategy		-40,000	
47	**MAJOR EQUIPMENT, OSD**	**31,420**	**34,420**	**3,000**
	Program increase - mentor-protégé program		3,000	
52	**ARMED OVERWATCH/TARGETING**	**170,000**	**166,000**	**-4,000**
	Unit cost growth		-4,000	
56	**SOF ROTARY WING UPGRADES AND SUSTAINMENT**	**202,278**	**207,278**	**5,000**
	Program increase - DVEPS		5,000	
60	**MH-47 CHINOOK**	**130,485**	**102,485**	**-28,000**
	Excess to need		-28,000	
61	**CV-22 SOF MODIFICATION**	**41,762**	**47,572**	**5,810**
	Program increase - CV-22 reliability acceleration		5,810	
67	**SOF ORDNANCE ITEMS UNDER $5M**	**168,072**	**127,624**	**-40,448**
	Excess to need		-40,448	
70	**SOF OTHER ITEMS UNDER $5M**	**62,722**	**55,722**	**-7,000**
	Collateral equipment program decrease		-7,000	
72	**SPECIAL PROGRAMS**	**44,351**	**65,351**	**21,000**
	Program increase - medium fixed wing mobility modifications		21,000	
74	**SOF WARRIOR SYSTEMS UNDER $5M**	**284,548**	**286,048**	**1,500**
	Program increase - STC		1,500	
75	**COMBAT MISSION REQUIREMENTS**	**27,513**	**4,513**	**-23,000**
	Underexecution		-23,000	
78	**SOF OPERATIONAL ENHANCEMENTS**	**328,569**	**361,872**	**33,303**
	Program increase - AGMS acceleration		33,303	
79	**CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS**	**167,918**	**151,468**	**-16,450**
	FC ACS excess growth		-16,450	
80	**CB PROTECTION AND HAZARD MITIGATION**	**189,265**	**183,884**	**-5,381**
	TATPE excess growth		-5,381	
999	**CLASSIFIED PROGRAMS**	**635,338**	**615,338**	**-20,000**
	Classified adjustment		-20,000	

DEFENSE PRODUCTION ACT PURCHASES

Fiscal year 2022 budget request	$340,927,000
Committee recommendation	385,927,000
Change from budget request	+45,000,000

The Committee recommends an appropriation of $385,927,000 for the Defense Production Act Purchases which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
DEFENSE PRODUCTION ACT PURCHASES	340,927	385,927	45,000
Program increase—rare earth supply chain		40,000	
Program increase—manufacturing of shipbuilding components		5,000	
TOTAL, DEFENSE PRODUCTION ACT PURCHASES	340,927	385,927	45,000

DOMESTIC LOW-COST TITANIUM PRODUCTION

Titanium is critical to aerospace, ground vehicle, and weapon system applications because of its relatively high strength, corrosive resistance, and lightweight properties. The Committee understands that the availability of domestically manufactured, low-cost titanium can greatly improve the performance and capabilities of warfighting assets and United States competitiveness and reduce commercial reliance on Russia and China. The Committee encourages the Secretary of Defense to support investments through the Defense Production Act to assist in the creation of an alternative supply chain to produce non-aerospace titanium using proven low-cost production methods. Such investments will reduce risk for the defense industrial base by assisting with production and reducing supply risk for non-aerospace customers allowing for production of low-cost, non-aerospace titanium.

RARE EARTH SUPPLY CHAIN ACTIVITIES

The Committee recommendation includes an increase of $40,000,000 for rare earth supply chain activities and encourages the Secretary of Defense to adequately fund, and accelerate, existing commercial light rare earth separation and processing initiatives. The Committee directs the Secretary of Defense to submit a report to the House and Senate Appropriations Committees not later than 30 days after the enactment of this Act on the plan for executing the additional funding.

RECYCLING OF STRATEGIC AND CRITICAL MINERALS

The Committee notes that the recycling of industrial waste streams is a promising way to recover rare earth elements and critical minerals of national security importance. Portions of industrial waste are exported to China to be reprocessed, leaving the United States unable to access valuable commodities of strategic importance. The Committee encourages the Secretary of Defense to coordinate with the Secretary of Energy, the Secretary of Commerce, and academic institutions to support the research and development

of recycling of rare earth elements and critical minerals in industrial waste streams.

NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT

Fiscal year 2022 budget request	– – –
Committee recommendation	$950,000,000
Change from budget request	+950,000,000

The Committee recommends an appropriation of $950,000,000 for the National Guard and Reserve Equipment Account.

NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT

The Committee recommends $950,000,000 for the National Guard and Reserve Equipment Account. Of that amount, $285,000,000 is for the Army National Guard; $285,000,000 is for the Air National Guard; $155,000,000 is for the Army Reserve; $52,500,000 is for the Navy Reserve; $17,500,000 is for the Marine Corps Reserve; and $155,000,000 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; airborne and ground detect and avoid systems; containerized ice making systems; aviation status dashboard; crash-worthy, ballistically tolerant auxiliary fuel systems; counter-UAS systems; gamma radiation protection; helmet-mounted display system; hypervisor-based cross domain access solution; KC–135 aircraft forward area refueling/defueling stations; mobile solar power units; modular small arms ranges and small arms training simulators and tools; radiological screening portals; training systems and simulators; UH–72A/B S&S mission equipment modernization and virtual language training systems.

TITLE IV

RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The fiscal year 2022 Department of Defense research, development, test and evaluation budget request totals $111,964,188,000. The Committee recommendation provides $110,368,824,000 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
RECAPITULATION			
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	12,799,645	13,381,427	+581,782
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY	22,639,362	20,694,650	-1,944,712
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE	39,184,328	39,062,352	-121,976
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE	11,266,387	10,774,318	-492,069
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE	25,857,875	26,239,486	+381,611
OPERATIONAL TEST AND EVALUATION, DEFENSE	216,591	216,591	---
GRAND TOTAL, RESEARCH, DEVELOPMENT, TEST AND EVALUATION	111,964,188	110,368,824	-1,595,364

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.

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.

OTHER TRANSACTION AUTHORITY

The Committee notes the significant increase in use of Other Transaction Authority (OTA) by the Department of Defense. In February 2021, the Under Secretary of Defense for Acquisition and Sustainment reported that the number of OTA prototype projects more than quadrupled, increasing from 308 in fiscal year 2016 to 1,434 in fiscal year 2020. Additionally, the amount of funding obligated using OTAs increased from $1,400,000,000 to $7,700,000,000, not including an additional $8,000,000,000 in COVID-related OTAs awarded in fiscal year 2020. While the Committee supports the use of OTA authority when appropriate, it remains concerned about

transparency and accountability of OTA awards, especially projects carried out under an OTA consortium model, which accounts for 74 percent of the obligations in fiscal year 2020. The challenges of using the consortium model include lack of transparency with reporting in the Federal Procurement Data System, the presence of competition for awards by the consortium managers, accountability of performance, and intellectual property rights.

The Committee directs the Under Secretary of Defense for Acquisition and Sustainment to submit a report to the congressional defense committees not later than 120 days after the enactment of this Act with recommendations to revise current congressional reporting requirements for OTAs in a manner that provides greater transparency and accountability and makes such data available to the public to the maximum extent practicable.

BOOSTER ENGINE FOR HYPERSONIC WEAPONS PROGRAMS

The Committee notes that a new booster engine, to be used for both the Navy and Army offensive hypersonic weapons programs, is being developed as part of the Navy Conventional Prompt Strike system. The Committee is concerned that the policy against indemnification for this development may lead to delays and unanticipated cost increases in both programs. The Committee encourages the Under Secretary of Defense for Acquisition and Sustainment to take maximum practicable advantage of existing statutory authority under Public Law 85–804 to provide indemnification for large rocket programs employing "unusually hazardous" propulsion systems and to develop a policy for consistently applying such authority.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

Fiscal year 2022 budget request	12,799,645,000
Committee recommendation	13,381,427,000
Change from budget request	+581,782,000

The Committee recommends an appropriation of $13,381,427,000 for Research, Development, Test and Evaluation, Army which will provide the following program in fiscal year 2022:

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY			
	BASIC RESEARCH			
1	DEFENSE RESEARCH SCIENCES	297,241	325,241	+28,000
2	UNIVERSITY RESEARCH INITIATIVES	66,981	66,981	---
3	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	94,003	123,253	+29,250
4	CYBER COLLABORATIVE RESEARCH ALLIANCE	5,067	5,067	---
5	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH	10,183	15,183	+5,000
	TOTAL, BASIC RESEARCH	473,475	535,725	+62,250
	APPLIED RESEARCH			
6	BIOMEDICAL TECHNOLOGY	11,925	11,925	---
7	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	1,976	1,976	---
8	LETHALITY TECHNOLOGY	64,126	67,126	+3,000
9	ARMY APPLIED RESEARCH	28,654	28,654	---
10	SOLDIER LETHALITY TECHNOLOGY	105,168	120,168	+15,000
11	GROUND TECHNOLOGY	56,400	134,400	+78,000
12	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	172,166	213,966	+41,800
13	NETWORK C3I TECHNOLOGY	84,606	101,106	+16,500
14	LONG RANGE PRECISION FIRES TECHNOLOGY	64,285	74,285	+10,000
15	FUTURE VERTICLE LIFT TECHNOLOGY	91,411	101,411	+10,000
16	AIR AND MISSILE DEFENSE TECHNOLOGY	19,316	49,566	+30,250
17	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNOLOGIES	15,034	15,034	---
18	ALL DOMAIN CONVERGENCE APPLIED RESEARCH	25,967	25,967	---
19	C3I APPLIED RESEARCH	12,406	12,406	---
20	AIR PLATFORM APPLIED RESEARCH	6,597	6,597	---
21	SOLDIER APPLIED RESEARCH	11,064	11,064	---
22	C3I APPLIED CYBER	12,123	12,123	---
23	BIOTECHNOLOGY FOR MATERIALS - APPLIED RESEARCH	20,643	20,643	---
24	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	18,701	18,701	---
25	MEDICAL TECHNOLOGY	91,720	116,187	+24,467
	TOTAL, APPLIED RESEARCH	914,288	1,143,305	+229,017

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	ADVANCED TECHNOLOGY DEVELOPMENT			
26	MEDICAL ADVANCED TECHNOLOGY	43,804	101,804	+58,000
27	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	14,273	14,273	---
28	ARMY AGILE INNOVATION AND DEMONSTRATION	22,231	22,231	---
29	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ADVANCED TECHNOLOGIES	909	909	---
30	ALL DOMAIN CONVERGENCE ADVANCED TECHNOLOGY	17,743	17,743	---
31	C3I ADVANCED TECHNOLOGY	3,151	3,151	---
32	AIR PLATFORM ADVANCED TECHNOLOGY	754	754	---
33	SOLDIER ADVANCED TECHNOLOGY	890	890	---
34	MEDICAL DEVELOPMENT	26,521	26,521	---
35	LETHALITY ADVANCED TECHNOLOGY	8,066	8,066	---
36	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	76,815	76,815	---
37	SOLDIER LETHALITY ADVANCED TECHNOLOGY	107,966	115,966	+8,000
38	GROUND ADVANCED TECHNOLOGY	23,403	118,903	+95,500
39	COUNTER IMPROVISED-THREAT SIMULATION	24,747	24,747	---
40	BIOTECHNOLOGY FOR MATERIALS - ADVANCED RESEARCH	53,736	53,736	---
41	C3I CYBER ADVANCED DEVELOPMENT	31,426	41,426	+10,000
42	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	189,123	189,123	---
43	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY	164,951	241,201	+76,250
44	NETWORK C3I ADVANCED TECHNOLOGY	155,867	175,867	+20,000
45	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	93,909	128,909	+35,000
46	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	179,677	205,677	+26,000
47	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	48,826	95,826	+47,000
48	HUMANITARIAN DEMINING	8,649	19,000	+10,351
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	1,297,437	1,683,538	+386,101
	ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES			
49	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	11,702	11,702	---
50	ARMY SPACE SYSTEMS INTEGRATION	18,755	18,755	---
51	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	---	10,000	+10,000
52	LANDMINE WARFARE AND BARRIER - ADV DEV	50,314	48,814	-1,500
53	TANK AND MEDIUM CALIBER AMMUNITION	79,873	77,373	-2,500
54	ARMORED SYSTEM MODERNIZATION - ADV DEV	170,590	166,340	-4,250
55	SOLDIER SUPPORT AND SURVIVABILITY	2,897	2,897	---
56	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - ADV DEV	113,365	113,365	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
57	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	18,000	16,000	-2,000
58	ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL	11,921	19,921	+8,000
59	NATO RESEARCH AND DEVELOPMENT	3,777	3,777	---
60	AVIATION - ADV DEV	1,125,641	1,106,141	-19,500
61	LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV	7,055	7,055	---
62	MEDICAL SYSTEMS - ADV DEV	22,071	18,806	-3,265
63	SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	17,459	21,459	+4,000
64	ROBOTICS DEVELOPMENT	87,198	83,198	-4,000
65	EXPANDED MISSION AREA MISSILE (EMAM)	50,674	50,674	---
67	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	19,638	19,638	---
68	MULTI-DOMAIN SENSING SYSTEM (MDSS) ADV DEV	50,548	50,548	---
69	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) ADV DEV	28,347	28,347	---
70	ANALYSIS OF ALTERNATIVES	10,091	10,091	---
71	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6 4)	926	926	---
72	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	69,697	79,697	+10,000
73	LOWER TIER AIR MISSILE DEFENSE (LTAMID) SENSOR	327,690	307,567	-20,123
74	TECHNOLOGY MATURATION INITIATIVES	270,124	147,602	-122,522
75	MANEUVER - SHORT RANGE AIR DEFENSE (M-SHORAD)	39,376	39,376	---
76	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING	189,483	189,483	---
77	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	96,679	96,679	---
78	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT AND PROTOTYPING	194,195	206,335	+12,140
79	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING	13,379	13,379	---
80	HYPERSONICS	300,928	300,928	---
81	FUTURE INTERCEPTOR	7,895	6,895	-1,000
82	COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS ADVANCED DEVELOPMENT	19,148	19,148	---
83	UNIFIED NETWORK TRANSPORT	35,409	35,409	---
84	MOBILE MEDIUM RANGE MISSILE	286,457	286,457	---
85	INTEGRATED BASE DEFENSE (BUDGET ACTIVITY 4)	2,040	2,040	---
86	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	52,988	52,988	---
	TOTAL, ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	3,806,330	3,669,810	-136,520

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	SYSTEM DEVELOPMENT & DEMONSTRATION			
89	AIRCRAFT AVIONICS	6,654	6,654	---
90	ELECTRONIC WARFARE DEVELOPMENT	30,840	18,820	-12,020
91	INFANTRY SUPPORT WEAPONS	67,873	73,718	+5,845
92	MEDIUM TACTICAL VEHICLES	11,374	9,524	-1,850
93	JAVELIN	7,094	7,094	---
94	FAMILY OF HEAVY TACTICAL VEHICLES	31,602	28,470	-3,132
95	AIR TRAFFIC CONTROL	4,405	4,405	---
96	LIGHT TACTICAL WHEELED VEHICLES	2,055	2,055	---
97	ARMORED SYSTEMS MODERNIZATION (ASM) - ENG DEV	137,256	135,506	-1,750
98	NIGHT VISION SYSTEMS - ENG/DEV	62,690	53,053	-9,637
99	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	1,658	1,658	---
100	NON-SYSTEM TRAINING DEVICES - ENG/DEV	26,540	26,540	---
101	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE - ENG/DEV	59,518	59,518	---
102	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	22,331	22,331	---
103	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	8,807	8,807	---
104	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - ENG/DEV	7,453	7,453	---
107	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	21,534	21,534	---
108	WEAPONS AND MUNITIONS - ENG/DEV	309,778	304,359	-5,419
109	LOGISTICS AND ENGINEER EQUIPMENT - ENG/DEV	59,261	52,261	-7,000
110	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - ENG/DEV	20,121	20,121	---
111	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	44,424	44,424	---
112	LANDMINE WARFARE/BARRIER - ENG/DEV	14,137	8,670	-5,467
113	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	162,704	157,361	-5,343
114	RADAR DEVELOPMENT	127,919	127,919	---
115	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	17,623	15,562	-2,061
117	SOLDIER SYSTEMS - WARRIOR DEM/VAL	6,454	6,454	---
118	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS -EMD	106,354	100,132	-6,222
119	ARTILLERY SYSTEMS - EMD	---	25,000	+25,000
120	INFORMATION TECHNOLOGY DEVELOPMENT	122,168	120,168	-2,000
121	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	76,936	76,936	---
122	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	35,560	35,560	---
124	JOINT TACTICAL NETWORK CENTER (JTNC)	16,364	16,364	---
125	JOINT TACTICAL NETWORK (JTN)	28,954	28,954	---
128	COMMON INFRARED COUNTERMEASURES (CIRCM)	16,630	16,630	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
130	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE	7,618	7,618	---
131	DEFENSIVE CYBER TOOL DEVELOPMENT	18,892	18,892	---
132	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	28,849	26,599	-2,250
133	CONTRACT WRITING SYSTEM	22,960	22,960	---
135	AIRCRAFT SURVIVABILITY DEVELOPMENT	65,603	64,068	-1,535
136	INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1	233,512	221,012	-12,500
137	GROUND ROBOTICS	18,241	18,241	---
138	EMERGING TECHNOLOGY INITIATIVES	254,945	259,945	+5,000
139	BIOMETRICS ENABLING CAPABILITY (BEC)	4,326	4,326	---
140	NEXT GENERATION LOAD DEVICE - MEDIUM	15,616	15,616	---
141	MEDICAL PRODUCTS AND SUPPORT SYSTEMS DEVELOPMENT	962	962	---
142	TACTICAL INTEL TARGETING ACCESS NODE (TITAN) EMD	54,972	54,972	---
143	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	122,175	122,175	---
144	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6 5)	2,275	2,275	---
145	MULTI-DOMAIN INTELLIGENCE	9,313	9,313	---
146	SIO CAPABILITY DEVELOPMENT	22,713	22,713	---
147	PRECISION STRIKE MISSILE (PRSM)	188,452	188,452	---
148	HYPERSONICS EMD	111,473	111,473	---
149	ACCESSIONS INFORMATION ENVIRONMENT (AIE)	18,790	18,790	---
150	JOINT AIR-TO-GROUND MISSILE (JAGM)	2,134	2,134	---
151	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	157,873	147,130	-10,743
152	COUNTER - SMALL UNMANNED AIRCRAFT SYSTEMS SYS DEV & DEMONSTRATION	33,386	33,386	---
153	MANNED GROUND VEHICLE	225,106	201,606	-23,500
154	NATIONAL CAPABILITIES INTEGRATION (MIP)	14,454	14,454	---
155	JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING DEVELOPMENT	2,564	2,564	---
156	AVIATION GROUND SUPPORT EQUIPMENT	1,201	1,201	---
157	TROJAN - RH12	3,362	3,362	---
161	ELECTRONIC WARFARE DEVELOPMENT	75,520	75,520	---
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	3,392,358	3,315,774	-76,584

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	MANAGEMENT SUPPORT			
162	THREAT SIMULATOR DEVELOPMENT	18,439	18,439	---
163	TARGET SYSTEMS DEVELOPMENT	17,404	17,404	---
164	MAJOR T&E INVESTMENT	68,139	93,739	+25,600
165	RAND ARROYO CENTER	33,126	33,126	---
166	ARMY KWAJALEIN ATOLL	240,877	240,877	---
167	CONCEPTS EXPERIMENTATION PROGRAM	79,710	79,710	---
169	ARMY TEST RANGES AND FACILITIES	354,227	354,227	---
170	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	49,253	59,253	+10,000
171	SURVIVABILITY/LETHALITY ANALYSIS	36,389	36,389	---
172	AIRCRAFT CERTIFICATION	2,489	2,489	---
173	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,689	6,689	---
174	MATERIEL SYSTEMS ANALYSIS	21,558	21,558	---
175	EXPLOITATION OF FOREIGN ITEMS	13,631	13,631	---
176	SUPPORT OF OPERATIONAL TESTING	55,122	55,122	---
177	ARMY EVALUATION CENTER	65,854	65,854	---
178	ARMY MODELING AND SIMULATION X-CMD COLLABORATION AND INTEG	2,633	2,633	---
179	PROGRAMWIDE ACTIVITIES	96,589	96,589	---
180	TECHNICAL INFORMATION ACTIVITIES	26,808	32,008	+5,200
181	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	43,042	58,042	+15,000
182	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,789	1,789	---
183	ARMY DIRECT REPORT HEADQUARTERS - R&D - MHA	52,108	52,108	---
185	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	80,952	80,952	---
186	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	5,363	5,363	---
187	MEDICAL PROGRAM-WIDE ACTIVITIES	39,041	39,041	---
188	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	5,466	5,466	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	1,416,698	1,472,498	+55,800

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	OPERATIONAL SYSTEMS DEVELOPMENT			
190	MLRS PRODUCT IMPROVEMENT PROGRAM	12,314	12,314	---
191	ANTI-TAMPER TECHNOLOGY SUPPORT	8,868	8,868	---
192	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS	22,828	22,828	---
194	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	4,773	4,773	---
195	CHINOOK PRODUCT IMPROVEMENT PROGRAM	52,372	57,372	+5,000
196	IMPROVED TURBINE ENGINE PROGRAM	275,024	246,742	-28,282
197	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT	12,417	12,417	---
198	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	4,594	4,594	---
199	APACHE FUTURE DEVELOPMENT	10,067	10,067	---
200	AN/TPQ-53 COUNTERFIRE TARGET ACQUISITION RADAR SYSTEM	56,681	56,681	---
201	INTEL CYBER DEVELOPMENT	3,611	3,611	---
202	ARMY OPERATIONAL SYSTEMS DEVELOPMENT	28,029	28,029	---
203	ELECTRONIC WARFARE DEVELOPMENT	5,673	5,673	---
204	FAMILY OF BIOMETRICS	1,178	1,178	---
205	PATRIOT PRODUCT IMPROVEMENT	125,932	125,932	---
206	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM	25,547	25,547	---
207	COMBAT VEHICLE IMPROVEMENT PROGRAMS	211,523	281,523	+70,000
208	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	213,281	213,281	---
209	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	---	10,000	+10,000
210	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	132	132	---
211	DIGITIZATION	3,936	3,936	---
212	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	127	127	---
213	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	10,265	10,265	---
214	ENVIRONMENTAL QUALITY TECHNOLOGY - OPERATIONAL SYSTEM DEV	262	262	---
215	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM	182	182	---
216	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	63,937	63,937	---
217	JOINT TACTICAL GROUND SYSTEM	13,379	13,379	---
219	SECURITY AND INTELLIGENCE ACTIVITIES	24,531	24,531	---
220	INFORMATION SYSTEMS SECURITY PROGRAM	15,720	11,720	-4,000
221	GLOBAL COMBAT SUPPORT SYSTEM	52,739	50,739	-2,000
222	SATCOM GROUND ENVIRONMENT (SPACE)	15,247	15,247	---
226	INTEGRATED BROADCAST SERVICE (IBS)	5,430	5,430	---
227	TACTICAL UNMANNED AERIAL VEHICLES	8,410	8,410	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
228	AIRBORNE RECONNAISSANCE SYSTEMS	24,460	24,460	---
233	BIOMETRICS ENABLED INTELLIGENCE	2,066	2,066	---
234	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	61,720	81,720	+20,000
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,377,255	1,447,973	+70,718
	CLASSIFIED PROGRAMS	2,993	2,993	---
237	DEFENSIVE CYBER - SOFTWARE PROTOTYPE DEVELOPMENT	118,811	118,811	---
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-9,000	-9,000
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, ARMY	12,799,645	13,381,427	+581,782

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	**DEFENSE RESEARCH SCIENCES**	**297,241**	**325,241**	**28,000**
	Program increase - explosives and opioids dual-use UV detection		5,000	
	Program increase - joint research laboratories		20,000	
	Program increase - lightweight high entropy metallic alloy discovery		3,000	
3	**UNIVERSITY AND INDUSTRY RESEARCH CENTERS**	**94,003**	**123,253**	**29,250**
	Program increase - Army artificial intelligence innovation		20,000	
	Program increase - biotechnology advancements		4,000	
	Program increase - materials in extreme dynamic environments plus		5,000	
	Project increase - The Discovery Center at Water's Edge		250	
5	**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASIC RESEARCH**	**10,183**	**15,183**	**5,000**
	Program increase - extreme events in structurally evolving materials		5,000	
8	**LETHALITY TECHNOLOGY**	**64,126**	**67,126**	**3,000**
	Program increase - next generation remote sensing		3,000	
10	**SOLDIER LETHALITY TECHNOLOGY**	**105,168**	**120,168**	**15,000**
	Program increase - Catalyst TRACA data ready		5,000	
	Program increase - HEROES		5,000	
	Program increase - Pathfinder airborne		5,000	
11	**GROUND TECHNOLOGY**	**56,400**	**134,400**	**78,000**
	Program increase - additive manufacturing machine learning initiative		5,000	
	Program increase - advanced manufacturing materials processes initiative		10,000	
	Program increase - autonomous digital design and manufacturing		5,000	
	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 - flexible hybrid electronics and environmental sustainability		6,000	
	Program increase - high performance polymers		5,000	
	Program increase - materials recovery technologies for defense supply resiliency		10,000	
	Program increase - military waste stream conversion		5,000	
	Program increase - solid oxide fuel cell development		10,000	

R-1		Budget Request	Committee Recommended	Change from Request
12	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	172,166	213,966	41,800
	Program increase - advanced materials development for survivability		5,000	
	Program increase - advanced optics program		4,300	
	Program increase - digital design and simulated testing		4,000	
	Program increase - highly electrified vehicles		5,000	
	Program increase - prototyping energy smart autonomous ground systems		10,000	
	Program increase - silicon carbide electronics		5,500	
	Program increase - vehicle equivalency framework utilizing multiple additive manufacturing platforms		5,000	
	Program increase - virtual experimentation of autonomous and non-autonomous combat vehicles		3,000	
13	NETWORK C3I TECHNOLOGY	84,606	101,106	16,500
	Program increase - backpackable COMINT system		5,000	
	Program increase - EW and advanced sensing		6,500	
	Program increase - integrated photonics for contested RF environments		5,000	
14	LONG RANGE PRECISION FIRES TECHNOLOGY	64,285	74,285	10,000
	Program increase - extended range and hybrid gun launched unmanned aerial systems		10,000	
15	FUTURE VERTICLE LIFT TECHNOLOGY	91,411	101,411	10,000
	Program increase - high strength functional composites		5,000	
	Program increase - individual blade and higher harmonic control		5,000	
16	AIR AND MISSILE DEFENSE TECHNOLOGY	19,316	49,566	30,250
	Program increase - beam control systems and industry grade optical fiber fabrication for energy laser		12,000	
	Program increase - counter UAS center for excellence		5,000	
	Program increase - high energy laser technology advancements		5,000	
	Program increase - machine learning optimized power electronics		3,000	
	Program increase - precision long range integrated strike		5,250	
25	MEDICAL TECHNOLOGY	91,720	116,187	24,467
	Program increase - enhancing soldier ballistic technologies		5,000	
	Program increase - military force vector borne health protection		5,000	
	Program increase - RNA therapeutics for infectious disease threats		7,500	
	Project increase - National Trauma Research Repository Data Population Project		1,900	
	Project increase - Holistic Health and Fitness		1,500	
	Project increase - Center for Excellence in Military Health and Performance Enhancement		3,567	

R-1		Budget Request	Committee Recommended	Change from Request
26	**MEDICAL ADVANCED TECHNOLOGY**	**43,804**	**101,804**	**58,000**
	Program increase - hearing protection for communications		5,000	
	Program increase - optimizing military health and performance		7,000	
	Program increase - peer-reviewed military burn research		10,000	
	Program increase - peer-reviewed neurofibromatosis research		20,000	
	Program increase - peer-reviewed Parkinson's research		16,000	
37	**SOLDIER LETHALITY ADVANCED TECHNOLOGY**	**107,966**	**115,966**	**8,000**
	Program increase - small arms fire control advanced technology		8,000	
38	**GROUND ADVANCED TECHNOLOGY**	**23,403**	**118,903**	**95,500**
	Program increase - 3D printing of infrastructure		5,000	
	Program increase - clean modular hydro technology		8,000	
	Program increase - composite flywheel technology		7,000	
	Program increase - cross-laminated timber and recycled carbon fiber materials		5,500	
	Program increase - electrical system safety and reliability		5,000	
	Program increase - electrochemical conversion of waste streams		5,000	
	Program increase - expeditionary additive construction		10,000	
	Program increase - explosive materials detection		3,000	
	Program increase - high-performance concrete		4,000	
	Program increase - microgrid reliability and resiliency		10,000	
	Program increase - organic light emitting diode		5,000	
	Program increase - power generation for increased facility resilience pilot		10,000	
	Program increase - rapid entry and sustainment for the arctic		8,000	
	Program increase - secure management of energy generation and storage		5,000	
	Program increase - water quality and resiliency technologies		5,000	
41	**C3I CYBER ADVANCED DEVELOPMENT**	**31,426**	**41,426**	**10,000**
	Program increase - high bandwidth cryptomodule enhancements and certification		10,000	
43	**NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY**	**164,951**	**241,201**	**76,250**
	Program increase - additive manufacturing for jointless hull		15,000	
	Program increase - advanced adhesives		5,000	
	Program increase - ATE5.2 engine development		5,000	
	Program increase - carbon fiber and graphitic foam		7,500	
	Program increase - carbon fiber tires		5,000	
	Program increase - combat vehicle lithium 6T battery development		5,000	
	Program increase - combat vehicle weight reduction initiative		5,000	
	Program increase - force protection vehicle kit		5,000	
	Program increase - fuel cell technology		5,000	
	Program increase - machine learning for advanced lightweight combat vehicle structures		6,000	
	Program increase - RCV-L		5,000	
	Program increase - short fiber thermoplastic applications		4,000	
	Program increase - virtual autonomy environment		3,750	

R-1	Budget Request	Committee Recommended	Change from Request
44 NETWORK C3I ADVANCED TECHNOLOGY	**155,867**	**175,867**	**20,000**
Program increase - mesh network-enabled small satellites		20,000	
45 LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	**93,909**	**128,909**	**35,000**
Program increase - ERAMS		5,000	
Program increase - extended range artillery munitions suite		5,000	
Program increase - hypervelocity projectile extended range		25,000	
46 FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	**179,677**	**205,677**	**26,000**
Program increase - data refinement and optimization for aviation sustainment		4,500	
Program increase - FLEETSPACE maintenance tool		4,500	
Program increase - FVL surface tolerant adhesives		4,000	
Program increase - joint tactical aerial resupply vehicle		8,000	
Program increase - UH-60 main rotor blade modernization		5,000	
47 AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	**48,826**	**95,826**	**47,000**
Program increase - IFPC HEL risk reduction		25,000	
Program increase - thermal management systems for 10kw to 50 kw lasers		12,000	
Program increase - missile MENTOR		10,000	
48 HUMANITARIAN DEMINING	**8,649**	**19,000**	**10,351**
Program increase		10,351	
51 AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	**0**	**10,000**	**10,000**
Program increase - machine learning for integrated fires		10,000	
52 LANDMINE WARFARE AND BARRIER - ADV DEV	**50,314**	**48,814**	**-1,500**
Test and evaluation excess		-1,500	
53 TANK AND MEDIUM CALIBER AMMUNITION	**79,873**	**77,373**	**-2,500**
Testing excess		-2,500	
54 ARMORED SYSTEM MODERNIZATION - ADV DEV	**170,590**	**166,340**	**-4,250**
Testing excess		-4,250	
57 NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	**18,000**	**16,000**	**-2,000**
Gen 2 IVAS ahead of need		-2,000	
58 ENVIRONMENTAL QUALITY TECHNOLOGY - DEM/VAL	**11,921**	**19,921**	**8,000**
Program increase - underwater cut and capture		3,000	
Program increase - wire-arc additive manufacturing		5,000	
60 AVIATION - ADV DEV	**1,125,641**	**1,106,141**	**-19,500**
FLRAA PM costs excess growth		-4,500	
FARA prototype costs previously funded		-10,000	
FARA ecosystem excess		-5,000	
FARA MOSA development excess		-5,000	
Program increase - all electric flight control systems		5,000	

R-1	Budget Request	Committee Recommended	Change from Request
62 MEDICAL SYSTEMS - ADV DEV	**22,071**	**18,806**	**-3,265**
Burn treatment skin repair ahead of need		-3,265	
63 SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	**17,459**	**21,459**	**4,000**
Program increase - multi-spectral signature management		4,000	
64 ROBOTICS DEVELOPMENT	**87,198**	**83,198**	**-4,000**
RCV M&S and support excess		-4,000	
72 FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	**69,697**	**79,697**	**10,000**
Program increase - future unmanned aircraft systems		10,000	
73 LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	**327,690**	**307,567**	**-20,123**
Long term power and support costs ahead of need		-20,123	
74 TECHNOLOGY MATURATION INITIATIVES	**270,124**	**147,602**	**-122,522**
AX3 insufficient justification		-87,602	
CE4 new start insufficient justification		-34,920	
78 SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING	**194,195**	**206,335**	**12,140**
AvSE excess to need		-2,460	
Program increase - multi-sensor terrain data capture and processing		4,600	
Program increase - next generation MILES		10,000	
81 FUTURE INTERCEPTOR	**7,895**	**6,895**	**-1,000**
Excess to need		-1,000	
90 ELECTRONIC WARFARE DEVELOPMENT	**30,840**	**18,820**	**-12,020**
MFEW undefined future		-12,020	
91 INFANTRY SUPPORT WEAPONS	**67,873**	**73,718**	**5,845**
SEP unjustified need		-3,655	
Program increase - cannon life extension program		4,500	
Program increase - turret gunner survivability and simulation environment		5,000	
92 MEDIUM TACTICAL VEHICLES	**11,374**	**9,524**	**-1,850**
OT previously funded		-1,850	
94 FAMILY OF HEAVY TACTICAL VEHICLES	**31,602**	**28,470**	**-3,132**
EHETS training ahead of need		-1,632	
Carryover		-1,500	
97 ARMORED SYSTEMS MODERNIZATION (ASM) - ENG	**137,256**	**135,506**	**-1,750**
Government support excess		-1,750	
98 NIGHT VISION SYSTEMS - ENG DEV	**62,690**	**53,053**	**-9,637**
NVG-N unjustified request		-9,637	

R-1	Budget Request	Committee Recommended	Change from Request
108 WEAPONS AND MUNITIONS - ENG DEV	**309,778**	**304,359**	**-5,419**
C-DAEM overestimation		-3,056	
PGK product development previously funded		-2,363	
109 LOGISTICS AND ENGINEER EQUIPMENT - ENG DEV	**59,261**	**52,261**	**-7,000**
MSV feasibility study previously funded		-2,000	
Carryover		-5,000	
112 LANDMINE WARFARE/BARRIER - ENG DEV	**14,137**	**8,670**	**-5,467**
Prototype integration insufficient justification		-5,467	
113 ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	**162,704**	**157,361**	**-5,343**
CECOM contract delays		-3,893	
Rigid wall shelter duplication		-1,450	
115 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	**17,623**	**15,562**	**-2,061**
Maintain level of effort		-2,061	
118 SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS - EMD	**106,354**	**100,132**	**-6,222**
PM maintain level of effort		-2,300	
Survivability enhancements unjustified growth		-3,922	
119 ARTILLERY SYSTEMS - EMD	**0**	**25,000**	**25,000**
Program increase - soft recoil artillery systems		25,000	
120 INFORMATION TECHNOLOGY DEVELOPMENT	**122,168**	**120,168**	**-2,000**
GFIM unjustified growth		-2,000	
132 TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	**28,849**	**26,599**	**-2,250**
Testing previously funded		-2,250	
135 AIRCRAFT SURVIVABILITY DEVELOPMENT	**65,603**	**64,068**	**-1,535**
Machine learning unjustified need		-1,535	
136 INDIRECT FIRE PROTECTION CAPABILITY INC 2 - BLOCK 1	**233,512**	**221,012**	**-12,500**
Interim integration and testing		-5,000	
Enduring test and evaluation		-7,500	
138 EMERGING TECHNOLOGY INITIATIVES	**254,945**	**259,945**	**5,000**
Program increase - TRIstructural-ISOtrophic fuel production		5,000	
151 ARMY INTEGRATED AIR AND MISSILE DEFENSE	**157,873**	**147,130**	**-10,743**
Beyond IOC costs ahead of need		-16,743	
Program increase - kill chain automation		6,000	

R-1	Budget Request	Committee Recommended	Change from Request
153 MANNED GROUND VEHICLE	**225,106**	**201,606**	**-23,500**
PM support excess		-5,500	
Design OTAs excess		-18,000	
164 MAJOR T&E INVESTMENT	**68,139**	**93,739**	**25,600**
Program increase - advancing operational test infrastructure		25,600	
170 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	**49,253**	**59,253**	**10,000**
Program increase - rapid assurance modernization		10,000	
180 TECHNICAL INFORMATION ACTIVITIES	**26,808**	**32,008**	**5,200**
Program increase - extending standard sharable geospatial foundation to tactical edge warriors		5,200	
181 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	**43,042**	**58,042**	**15,000**
Program increase - foamable celluloid materials		5,000	
Program increase - industrial base resiliency initiative		5,000	
Program increase - polymer case ammunition		5,000	
195 CHINOOK PRODUCT IMPROVEMENT PROGRAM	**52,372**	**57,372**	**5,000**
Program increase - CH-47 engine enhancement		5,000	
196 IMPROVED TURBINE ENGINE PROGRAM	**275,024**	**246,742**	**-28,282**
Platform integration previously funded		-28,282	
207 COMBAT VEHICLE IMPROVEMENT PROGRAMS	**211,523**	**281,523**	**70,000**
Program increase - Abrams modernization		65,000	
Program increase - next generation auxiliary power unit		5,000	
209 AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	**0**	**10,000**	**10,000**
Program increase - UAS ground based sense and avoid		10,000	
220 INFORMATION SYSTEMS SECURITY PROGRAM	**15,720**	**11,720**	**-4,000**
Carryover		-4,000	
221 GLOBAL COMBAT SUPPORT SYSTEM	**52,739**	**50,739**	**-2,000**
Testing excess		-2,000	
234 END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	**61,720**	**81,720**	**20,000**
Program increase - liquid hydrogen refueling systems		10,000	
Program increase - N2O5		10,000	
UNDISTRIBUTED REDUCTION	**0**	**-9,000**	**-9,000**

ENTERPRISE INFORMATION TECHNOLOGY AS A SERVICE

The Army is assessing, evaluating, and deploying commercial solutions for data transport, end-user device provision, and cloud services at select installations. The Committee supports the Army's direction to utilize commercial best practices and capabilities from multiple vendors and encourages the Secretary of the Army to expand beyond the current pilot sites to other Army installations. The Committee directs the Secretary of the Army to provide a report to the congressional defense committees not later than 90 days after the enactment of this Act on the plan for expansion of the Enterprise Information Technology as a Service (EITaaS) program and efforts to support a more holistic enterprise approach to take advantage of cost savings by leveraging a greater number of sites and user populations. The report shall include a detailed cost model for the expansion of EITaaS which shall draw comparisons from the current EITaaS lines of effort to the funding being utilized from baseline programs.

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 operations environments. The Committee recommendation includes an additional $10,000,000 to develop advanced control technologies, maneuverability and portability innovations for microgrids, and advanced cybersecurity technologies and protocols.

INTEGRATED PHOTONICS

Integrated photonics provide secured, laser-based communications, data networking, and weapons system signal processing capabilities which improve data throughput performance and reductions in size, weight, and power usage. The Committee encourages the Secretary of the Army to continue to invest in this technology which can provide long-term industrial benefits and improved battlefield communications.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

Fiscal year 2022 budget request	$22,639,362,000
Committee recommendation	20,694,650,000
Change from budget request	−1,944,712,000

The Committee recommends an appropriation of $20,694,650,000 for Research, Development, Test and Evaluation, Navy which will provide the following program in fiscal year 2022:

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY			
	BASIC RESEARCH			
1	UNIVERSITY RESEARCH INITIATIVES	117,448	146,898	+29,450
3	DEFENSE RESEARCH SCIENCES	484,421	489,421	+5,000
	TOTAL, BASIC RESEARCH	601,869	636,319	+34,450
	APPLIED RESEARCH			
4	POWER PROJECTION APPLIED RESEARCH	23,013	32,984	+9,971
5	FORCE PROTECTION APPLIED RESEARCH	122,888	156,888	+34,000
6	MARINE CORPS LANDING FORCE TECHNOLOGY	51,112	58,612	+7,500
7	COMMON PICTURE APPLIED RESEARCH	51,477	47,901	-3,576
8	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	70,547	80,488	+9,941
9	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	85,157	85,157	---
10	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	70,086	90,586	+20,500
11	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,405	6,405	---
12	UNDERSEA WARFARE APPLIED RESEARCH	57,484	88,484	+31,000
13	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	173,356	169,699	-3,657
14	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	32,160	32,160	---
15	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	152,976	152,976	---
16	SCIENCE AND TECHNOLOGY MANAGEMENT - ONR HEADQUARTERS	79,254	79,254	---
	TOTAL, APPLIED RESEARCH	975,915	1,081,594	+105,679
	ADVANCED TECHNOLOGY DEVELOPMENT			
17	FORCE PROTECTION ADVANCED TECHNOLOGY	21,661	27,661	+6,000
18	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,146	12,146	+4,000
19	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	224,155	242,312	+18,157
20	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	13,429	13,429	---
21	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV	265,299	248,176	-17,123
22	MANUFACTURING TECHNOLOGY PROGRAM	57,236	62,236	+5,000
23	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,935	35,435	+30,500
24	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	47,167	50,633	+3,466
25	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	1,981	1,981	---
26	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY	133,779	127,319	-6,460
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	777,788	821,328	+43,540
	ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES			
27	UNMANNED AERIAL SYSTEM	16,879	16,167	-712

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
28	LARGE UNMANNED SURFACE VEHICLES (LUSVS)	144,846	102,846	-42,000
29	AIR/OCEAN TACTICAL APPLICATIONS	27,849	27,849	---
30	AVIATION SURVIVABILITY	16,815	16,815	---
31	NAVAL CONSTRUCTION FORCES	5,290	4,315	-975
33	ASW SYSTEMS DEVELOPMENT	17,612	17,612	---
34	TACTICAL AIRBORNE RECONNAISSANCE	3,111	3,111	---
35	ADVANCED COMBAT SYSTEMS TECHNOLOGY	32,310	35,310	+3,000
36	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	58,013	53,391	-4,622
37	SURFACE SHIP TORPEDO DEFENSE	1,862	4,862	+3,000
38	CARRIER SYSTEMS DEVELOPMENT	7,182	7,182	---
39	PILOT FISH	408,087	368,087	-40,000
40	RETRACT LARCH	44,197	44,197	---
41	RETRACT JUNIPER	144,541	144,541	---
42	RADIOLOGICAL CONTROL	761	761	---
43	SURFACE ASW	1,144	1,144	---
44	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	99,782	98,174	-1,608
45	SUBMARINE TACTICAL WARFARE SYSTEMS	14,059	14,059	---
46	SHIP CONCEPT ADVANCED DESIGN	111,590	128,280	+16,690
47	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	106,957	48,338	-58,619
48	ADVANCED NUCLEAR POWER SYSTEMS	203,572	185,490	-18,082
49	ADVANCED SURFACE MACHINERY SYSTEMS	78,122	66,072	-12,050
50	CHALK EAGLE	80,270	80,270	---
51	LITTORAL COMBAT SHIP (LCS)	84,924	57,518	-27,406
52	COMBAT SYSTEM INTEGRATION	17,322	17,322	---
53	OHIO REPLACEMENT	296,231	308,731	+12,500
54	LCS MISSION MODULES	75,995	70,191	-5,804
55	AUTOMATED TEST AND RE-TEST	7,805	37,805	+30,000
56	FRIGATE DEVELOPMENT	109,459	105,203	-4,256
57	CONVENTIONAL MUNITIONS	7,296	7,296	---
58	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	77,065	56,044	-21,021
59	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	34,785	34,785	---
60	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	8,774	8,774	---
61	ENVIRONMENTAL PROTECTION	20,677	20,677	---
62	NAVY ENERGY PROGRAM	33,824	50,867	+17,043

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
63	FACILITIES IMPROVEMENT	6,327	6,327	---
64	CHALK CORAL	579,389	469,389	-110,000
65	NAVY LOGISTIC PRODUCTIVITY	669	669	---
66	RETRACT MAPLE	295,295	295,295	---
67	LINK PLUMERIA	692,280	517,280	-175,000
68	RETRACT ELM	83,904	83,904	---
69	LINK EVERGREEN	221,253	221,253	---
71	NATO RESEARCH AND DEVELOPMENT	5,805	4,805	-1,000
72	LAND ATTACK TECHNOLOGY	4,017	4,017	---
73	JOINT NONLETHAL WEAPONS TESTING	29,589	28,168	-1,421
74	JOINT PRECISION APPROACH AND LANDING SYSTEMS	24,450	21,950	-2,500
75	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	81,803	76,053	-5,750
76	F/A-18 INFRARED SEARCH AND TRACK (IRST)	48,793	48,793	---
77	DIGITAL WARFARE	46,769	46,769	---
78	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	84,676	76,710	-7,966
79	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	59,299	69,299	+10,000
81	LARGE UNMANNED UNDERSEA VEHICLES	88,063	81,407	-6,656
82	GERALD R FORD CLASS NUCLEAR AIRCRAFT CARRIER	121,509	121,509	---
83	LITTORAL AIRBORNE MCM	18,669	15,187	-3,482
84	SURFACE MINE COUNTERMEASURES	13,655	12,507	-1,148
85	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES	33,246	33,246	---
86	NEXT GENERATION LOGISTICS	1,071	3,071	+2,000
87	FUTURE VERTICAL LIFT (MARITIME STRIKE)	9,825	8,274	-1,551
88	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	6,555	4,386	-2,169
89	LX (R)	3,344	3,344	---
90	ADVANCED UNDERSEA PROTOTYPING	58,473	47,766	-10,707
91	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	5,529	5,529	---
92	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	97,944	79,460	-18,484
93	SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE	9,340	9,340	---
94	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	127,756	87,325	-40,431
95	MEDIUM UNMANNED SURFACE VEHICLES (MUSVS)	60,028	60,028	---
96	UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES	170,838	83,552	-87,286
97	GROUND BASED ANTI-SHIP MISSILE (MARFORRES)	102,716	99,062	-3,654
98	LONG RANGE FIRES (MARFORRES)	88,479	88,479	---
99	CONVENTIONAL PROMPT STRIKE (CPS)	1,372,340	1,275,355	-96,985

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
100	ASW SYSTEMS DEVELOPMENT - MIP	8,571	8,571	---
101	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	16,204	28,830	+12,626
102	ELECTRONIC WARFARE DEVELOPMENT - MIP	506	506	---
	TOTAL, DEMONSTRATION & VALIDATION	7,077,987	6,371,501	-706,486
	SYSTEM DEVELOPMENT & DEMONSTRATION			
103	TRAINING SYSTEM AIRCRAFT	5,864	5,864	---
104	OTHER HELO DEVELOPMENT	56,444	49,312	-7,132
105	AV-8B AIRCRAFT - ENG DEV	10,146	10,146	---
106	STANDARDS DEVELOPMENT	4,082	4,082	---
107	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	46,418	46,418	---
108	P-3 MODERNIZATION PROGRAM	579	579	---
109	WARFARE SUPPORT SYSTEM	10,167	10,167	---
110	COMMAND AND CONTROL SYSTEMS	122,913	122,913	---
111	ADVANCED HAWKEYE	386,860	346,860	-40,000
112	H-1 UPGRADES	50,158	50,158	---
113	ACOUSTIC SEARCH SENSORS	46,066	49,057	+2,991
114	V-22A	107,984	101,479	-6,505
115	AIR CREW SYSTEMS DEVELOPMENT	22,746	18,535	-4,211
116	EA-18	68,425	59,674	-8,751
117	ELECTRONIC WARFARE DEVELOPMENT	139,535	133,375	-6,160
118	EXECUTIVE HELO DEVELOPMENT	45,932	36,124	-9,808
119	NEXT GENERATION JAMMER (NGJ)	243,923	235,407	-8,516
120	JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)	234,434	228,527	-5,907
121	NEXT GENERATION JAMMER (NGJ) INCREMENT II	248,096	230,100	-17,996
122	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	371,575	369,811	-1,764
123	LPD-17 CLASS SYSTEMS INTEGRATION	904	904	---
124	SMALL DIAMETER BOMB (SDB)	46,769	40,852	-5,917
125	STANDARD MISSILE IMPROVEMENTS	343,511	298,550	-44,961
126	AIRBORNE MCM	10,881	10,881	---
127	NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG	46,121	43,733	-2,388
129	ADVANCED ABOVE WATER SENSORS	77,852	48,352	-29,500
130	SSN-688 AND TRIDENT MODERNIZATION	95,693	95,693	---
131	AIR CONTROL	27,499	27,499	---
132	SHIPBOARD AVIATION SYSTEMS	8,924	8,924	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
133	COMBAT INFORMATION CENTER CONVERSION	11,631	11,631	---
134	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	96,556	87,520	-9,036
135	ADVANCED ARRESTING GEAR (AAG)	147	147	---
136	NEW DESIGN SSN	503,252	453,252	-50,000
137	SUBMARINE TACTICAL WARFARE SYSTEM	62,115	62,115	---
138	SHIP CONTRACT DESIGN/LIVE FIRE T&E	54,829	52,584	-2,245
139	NAVY TACTICAL COMPUTER RESOURCES	4,290	4,290	---
140	MINE DEVELOPMENT	76,027	65,646	-10,381
141	LIGHTWEIGHT TORPEDO DEVELOPMENT	94,386	87,786	-6,600
142	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,348	8,348	---
143	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV	42,144	38,282	-3,862
144	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	7,375	5,945	-1,430
146	SHIP SELF DEFENSE (DETECT & CONTROL)	149,433	142,595	-6,838
147	SHIP SELF DEFENSE (ENGAGE HARD KILL)	87,862	84,488	-3,374
148	SHIP SELF DEFENSE (ENGAGE SOFT KILL/EW)	69,006	65,460	-3,546
149	INTELLIGENCE ENGINEERING	20,684	20,684	---
150	MEDICAL DEVELOPMENT	3,967	31,467	+27,500
151	NAVIGATION/ID SYSTEM	48,837	48,837	---
152	JOINT STRIKE FIGHTER (JSF) - EMD	577	577	---
153	JOINT STRIKE FIGHTER (JSF)	262	262	---
154	SSN(X)	29,829	4,980	-24,849
155	MARINE CORPS IT DEV/MOD	11,277	7,098	-4,179
156	INFORMATION TECHNOLOGY DEVELOPMENT	243,828	265,085	+21,257
157	ANTI-TAMPER TECHNOLOGY SUPPORT	8,426	7,771	-655
158	TACAMO MODERNIZATION	150,592	87,712	-62,880
159	CH-53K	256,903	256,903	---
160	MISSION PLANNING	88,128	88,128	---
161	COMMON AVIONICS	60,117	57,862	-2,255
162	SHIP TO SHORE CONNECTOR (SSC)	6,320	6,320	---
163	T-AO 205 CLASS	4,336	4,336	---
164	UNMANNED CARRIER AVIATION	268,937	259,666	-9,271
165	JOINT AIR-TO-GROUND MISSILE (JAGM)	356	356	---
166	MULTI-MISSION MARITIME AIRCRAFT (MMA)	27,279	27,279	---
167	MULTI-MISSION MARITIME AIRCRAFT (MMA) INCREMENT 3	173,784	173,784	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
168	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT AND DEMO	80,709	61,978	-18,731
169	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT AND DEMO	2,005	2,005	---
170	DDG-1000	112,576	112,576	---
174	ISR & INFO OPERATIONS	136,140	133,781	-2,359
175	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	26,318	23,768	-2,550
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	5,910,089	5,537,280	-372,809
	MANAGEMENT SUPPORT			
176	THREAT SIMULATOR DEVELOPMENT	20,862	20,862	---
177	TARGET SYSTEMS DEVELOPMENT	12,113	9,955	-2,158
178	MAJOR T&E INVESTMENT	84,617	84,617	---
179	STUDIES AND ANALYSIS SUPPORT - NAVY	3,108	3,108	---
180	CENTER FOR NAVAL ANALYSES	38,590	38,590	---
183	TECHNICAL INFORMATION SERVICES	934	934	---
184	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	93,966	97,350	+3,384
185	STRATEGIC TECHNICAL SUPPORT	3,538	3,538	---
186	RDT&E SHIP AND AIRCRAFT SUPPORT	135,149	135,149	---
187	TEST AND EVALUATION SUPPORT	429,277	418,100	-11,177
188	OPERATIONAL TEST AND EVALUATION CAPABILITY	24,872	24,872	---
189	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	17,653	17,653	---
190	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	8,065	8,065	---
191	MARINE CORPS PROGRAM WIDE SUPPORT	47,042	43,524	-3,518
192	MANAGEMENT HEADQUARTERS - R&D	35,614	35,614	---
193	WARFARE INNOVATION MANAGEMENT	38,958	38,958	---
194	INSIDER THREAT	2,581	2,581	---
195	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES)	1,747	1,747	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	998,686	985,217	-13,469
	OPERATIONAL SYSTEMS DEVELOPMENT			
199	F-35 C2D2	515,746	515,746	---
200	F-35 C2D2	481,962	481,962	---
201	MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS (MARFORRES)	65,381	65,381	---
202	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	176,486	162,676	-13,810
203	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	177,098	149,857	-27,241

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
204	SSBN SECURITY TECHNOLOGY PROGRAM	45,775	45,775	---
205	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	64,752	49,007	-15,745
206	NAVY STRATEGIC COMMUNICATIONS	35,451	35,451	---
207	F/A-18 SQUADRONS	189,224	207,224	+18,000
208	SURFACE SUPPORT	13,733	13,733	---
209	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	132,181	132,181	---
210	INTEGRATED SURVEILLANCE SYSTEM	84,276	84,276	---
211	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	6,261	6,261	---
212	AMPHIBIOUS TACTICAL SUPPORT UNITS	1,657	1,657	---
213	GROUND/AIR TASK ORIENTED RADAR	21,367	21,367	---
214	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	56,741	52,741	-4,000
215	ELECTRONIC WARFARE (EW) READINESS SUPPORT	62,006	48,838	-13,168
216	HARM IMPROVEMENT	133,520	125,823	-7,697
217	SURFACE ASW COMBAT SYSTEM INTEGRATION	28,804	28,804	---
218	MK-48 ADCAP	114,492	100,759	-13,733
219	AVIATION IMPROVEMENTS	132,486	134,621	+2,135
220	OPERATIONAL NUCLEAR POWER SYSTEMS	113,760	113,760	---
221	MARINE CORPS COMMUNICATIONS SYSTEMS	89,897	88,897	-1,000
222	COMMON AVIATION COMMAND AND CONTROL SYSTEM	9,324	9,324	---
223	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	108,235	94,225	-14,010
224	MARINE CORPS COMBAT SERVICES SUPPORT	13,185	17,185	+4,000
225	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	37,695	57,695	+20,000
226	AMPHIBIOUS ASSAULT VEHICLE	7,551	7,551	---
227	TACTICAL AIM MISSILES	23,881	23,881	---
228	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	32,564	32,564	---
229	PLANNING AND DECISION AID SYSTEM (PDAS)	3,101	3,101	---
234	AFLOAT NETWORKS	30,890	36,890	+6,000
235	INFORMATION SYSTEMS SECURITY PROGRAM	33,311	33,311	---
236	JOINT MILITARY INTELLIGENCE PROGRAMS	7,514	7,514	---
237	TACTICAL UNMANNED AERIAL VEHICLES	9,837	7,338	-2,499
238	UAS INTEGRATION AND INTEROPERABILITY	9,797	5,000	-4,797
239	DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS	38,800	29,749	-9,051
240	MQ-4C TRITON	13,029	13,029	---
241	MQ-8 UAV	26,543	26,543	---
242	RQ-11 UAV	533	533	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
243	SMALL (LEVEL 0) TACTICAL UAS (STUASL0).....	1,772	1,772	---
245	MULTI-INTELLIGENCE SENSOR DEVELOPMENT.....	59,252	59,252	---
246	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP).....	9,274	9,274	---
247	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT.....	36,378	36,378	---
248	RQ-4 MODERNIZATION.....	134,323	134,323	---
249	INTELLIGENCE MISSION DATA (IMD).....	907	907	---
250	MODELING AND SIMULATION SUPPORT.....	9,772	9,772	---
251	DEPOT MAINTENANCE (NON-IF).....	36,880	35,030	-1,850
252	MARITIME TECHNOLOGY (MARITECH).....	3,329	9,329	+6,000
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	3,440,733	3,368,267	-72,466
9999	CLASSIFIED PROGRAMS.....	1,872,586	1,872,586	---
254	RISK MANAGEMENT INFORMATION - SOFTWARE PILOT PROGRAM..	13,703	13,703	---
255	NAVY NEXT GENERATION ENTERPRISE NETWORK (NGEN) - SOFTWARE PILOT PROGRAM.....	955,151	---	-955,151
256	MARITIME TACTICAL COMMAND AND CONTROL (MTC2) - SOFTWARE PILOT PROGRAM.....	14,855	14,855	---
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED.....	---	-8,000	-8,000
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY.....	22,639,362	20,694,650	-1,944,712

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	**UNIVERSITY RESEARCH INITIATIVES**	**117,448**	**146,898**	**29,450**
	Program increase - university research initiatives		10,000	
	Program increase - defense university research instrumentation program		10,000	
	Project increase - coastal adaptation research for improved coastal community and NWS Earle military		450	
	Project increase - coastal equity and resiliency hub		5,000	
	Program increase - biocoherent energy transfer research		4,000	
3	**DEFENSE RESEARCH SCIENCES**	**484,421**	**489,421**	**5,000**
	Program increase - silicon-germanium-tin alloy research		5,000	
4	**POWER PROJECTION APPLIED RESEARCH**	**23,013**	**32,984**	**9,971**
	High speed propulsion and advanced weapon technologies excess growth		-2,029	
	Program increase - manufacturing of high temperature hypersonic materials		8,000	
	Program increase - miniaturization of lasers		4,000	
5	**FORCE PROTECTION APPLIED RESEARCH**	**122,888**	**156,888**	**34,000**
	Program increase - direct air capture and blue carbon removal technology		7,500	
	Program increase - talent and technology for Navy power and energy systems		10,500	
	Program increase - advanced energetics research		3,000	
	Program increase - coastal environmental research		5,000	
	Program increase - relative positioning of autonomous platforms		3,000	
	Program increase - additive manufacturing of unmanned maritime systems		5,000	
6	**MARINE CORPS LANDING FORCE TECHNOLOGY**	**51,112**	**58,612**	**7,500**
	Program increase - unmanned logistics solutions		7,500	
7	**COMMON PICTURE APPLIED RESEARCH**	**51,477**	**47,901**	**-3,576**
	Applied information sciences for decision making excess growth		-3,576	
8	**WARFIGHTER SUSTAINMENT APPLIED RESEARCH**	**70,547**	**80,488**	**9,941**
	Biocentric technologies previously funded		-1,059	
	Program increase - health and safety research of underground fuel storage facilities		5,000	
	Program increase - advanced nanocomposite coatings		6,000	

R-1		Budget Request	Committee Recommended	Change from Request
10	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	70,086	90,586	20,500
	Program increase - task force ocean		10,000	
	Program increase - climate change hydraulic modeling risk analysis		1,500	
	Program increase - continuous distributed sensing systems		5,000	
	Program increase - research vessel cyber infrastructure improvements		4,000	
12	UNDERSEA WARFARE APPLIED RESEARCH	57,484	88,484	31,000
	Program increase - academic partnerships for innovative research		25,000	
	Program increase - energetics global awareness		2,000	
	Program increase - undersea sensing and communications		4,000	
13	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	173,356	169,699	-3,657
	Ocean battlespace sensing excess growth		-2,123	
	Sea warfare and weapons excess growth		-4,306	
	Warfighter performance excess growth		-2,228	
	Program increase - improved detection of submarine threats		5,000	
17	FORCE PROTECTION ADVANCED TECHNOLOGY	21,661	27,661	6,000
	Program increase - power electronics building block		6,000	
18	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,146	12,146	4,000
	Program increase - advanced machine learning and artificial intelligence		4,000	
19	USMC ADVANCED TECHNOLOGY DEMONSTRATION	224,155	242,312	18,157
	Command, control, communications, computers failure to comply with congressional direction		-3,859	
	Force protection previously funded		-1,605	
	Maneuver unjustified growth		-3,350	
	Combat service support and force protection excess growth		-9,029	
	Program increase - expeditionary process, exploitation and dissemination		4,000	
	Program increase - advanced mission planning system SBIR technology insertion		5,000	
	Program increase - data analysis and sharing augmentation		2,000	
	Program increase - low-cost atrittable aircraft technology		25,000	
21	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT	265,299	248,176	-17,123
	Information warfare excess growth		-9,188	
	Surface warfare excess growth		-6,228	
	Undersea warfare excess growth		-6,707	
	Program increase - advanced energetics research		3,000	
	Program increase - advanced lidar sensor and data processing		2,000	
22	MANUFACTURING TECHNOLOGY PROGRAM	57,236	62,236	5,000
	Program increase - energetics processing		5,000	

R-1		Budget Request	Committee Recommended	Change from Request
23	**WARFIGHTER PROTECTION ADVANCED TECH**	**4,935**	**35,435**	**30,500**
	Program increase - bone marrow registry program		26,500	
	Program increase - warfighter resilience and readiness		4,000	
24	**NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS**	**47,167**	**50,633**	**3,466**
	Operations analysis excess growth		-1,534	
	Program increase - naval tech bridges		5,000	
26	**INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT**	**133,779**	**127,319**	**-6,460**
	Super swarm excess growth		-2,994	
	Manufacture of autonomous systems at scale concurrency		-2,491	
	Deployment and employment of autonomous long-range systems concurren		-3,986	
	Manned and autonomous teams concurrency		-2,989	
	Program increase - high speed laser cooling systems		6,000	
27	**UNMANNED AERIAL SYSTEM**	**16,879**	**16,167**	**-712**
	Test funds early to need		-712	
28	**LARGE UNMANNED SURFACE VEHICLES (LUSV)**	**144,846**	**102,846**	**-42,000**
	LUSV integrated combat system early to need		-42,000	
31	**NAVAL CONSTRUCTION FORCES**	**5,290**	**4,315**	**-975**
	New start delay		-975	
35	**ADVANCED COMBAT SYSTEMS TECHNOLOGY**	**32,310**	**35,310**	**3,000**
	Program increase - Minotaur data dissemination and interoperability		3,000	
36	**SURFACE AND SHALLOW WATER MINE COUNTERMEASURES**	**58,013**	**53,391**	**-4,622**
	Barracuda schedule delays		-4,622	
37	**SURFACE SHIP TORPEDO DEFENSE**	**1,862**	**4,862**	**3,000**
	Program increase - SLQ-25 capability improvements		3,000	
39	**PILOT FISH**	**408,087**	**368,087**	**-40,000**
	Excess growth		-40,000	
44	**ADVANCED SUBMARINE SYSTEM DEVELOPMENT**	**99,782**	**98,174**	**-1,608**
	Project 3391 SSN/SSGN survivability program excess support costs		-1,608	

R-1		Budget Request	Committee Recommended	Change from Request
46	**SHIP CONCEPT ADVANCED DESIGN**	**111,590**	**128,280**	**16,690**
	Project 3376 shipboard crane systems/shipboard cargo systems early to need		-1,408	
	Project 3376 sealift concept development previously funded		-402	
	Next generation medium logistics ship industry studies and design contract award delay		-1,000	
	Next generation medium logistics ship special studies excess to need		-2,500	
	Program increase - metallic additive manufacturing		5,000	
	Program increase - critical protection technology for cybersecurity engineering		7,000	
	Program increase - polymorphic build farm for open source technologies		10,000	
47	**SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES**	**106,957**	**48,338**	**-58,619**
	Project 0411 DDG(X) design and analysis excess to need		-55,488	
	Project 3389 historical underexecution		-3,131	
48	**ADVANCED NUCLEAR POWER SYSTEMS**	**203,572**	**185,490**	**-18,082**
	Classified adjustment		-18,082	
49	**ADVANCED SURFACE MACHINERY SYSTEMS**	**78,122**	**66,072**	**-12,050**
	Project 2471 power and energy systems product development prior year carryover		-500	
	Project 2471 DDG(X) power and propulsion risk mitigation and demonstration excess to need		-19,050	
	Program increase - silicon carbide power modules		7,500	
51	**LITTORAL COMBAT SHIP**	**84,924**	**57,518**	**-27,406**
	Historical underexecution		-2,406	
	Lethality and survivability unjustified growth		-25,000	
53	**OHIO REPLACEMENT**	**296,231**	**308,731**	**12,500**
	Program increase - composites development		7,500	
	Program increase - Columbia digital environment		5,000	
54	**LCS MISSION MODULES**	**75,995**	**70,191**	**-5,804**
	Mine countermeasures mission modules schedule delays		-5,804	
55	**AUTOMATED TEST AND RE-TEST (ATRT)**	**7,805**	**37,805**	**30,000**
	Program increase		30,000	
56	**FRIGATE DEVELOPMENT**	**109,459**	**105,203**	**-4,256**
	Test and evaluation delays		-4,256	
58	**MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM**	**77,065**	**56,044**	**-21,021**
	Armored reconnaissance vehicle GFE excess to need		-4,400	
	Armored reconnaissance vehicle testing early to need		-4,958	
	Long range unmanned surface vessel prototypes excess to need		-9,919	
	Long range unmanned surface vessel testing previously funded		-1,744	

R-1		Budget Request	Committee Recommended	Change from Request
62	**NAVY ENERGY PROGRAM**	**33,824**	**50,867**	**17,043**
	Battery development and safety unjustified request		-2,957	
	Program increase - Navy energy program		15,000	
	Program increase - marine energy systems for sensors and microgrids		5,000	
64	**CHALK CORAL**	**579,389**	**469,389**	**-110,000**
	Classified adjustment		-110,000	
67	**LINK PLUMERIA**	**692,280**	**517,280**	**-175,000**
	Classified adjustment		-175,000	
71	**NATO RESEARCH AND DEVELOPMENT**	**5,805**	**4,805**	**-1,000**
	Historical underexecution		-1,000	
73	**JOINT NON-LETHAL WEAPONS TESTING**	**29,589**	**28,168**	**-1,421**
	Vessel stopping prototype schedule delays		-1,421	
74	**JOINT PRECISION APPROACH AND LANDING SYSTEMS - DEM/VAL**	**24,450**	**21,950**	**-2,500**
	LANTERNS concurrency		-2,500	
75	**DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS**	**81,803**	**76,053**	**-5,750**
	Project 3402 SNLWS prime contractor efforts unjustified request		-5,750	
78	**SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES**	**84,676**	**76,710**	**-7,966**
	Project 2482 lionfish test assets excess to need		-4,729	
	Project 3785 razorback product development excess to need		-3,237	
79	**UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES**	**59,299**	**69,299**	**10,000**
	Program increase - clandestine mine neutralization technologies		10,000	
81	**LARGE UNMANNED UNDERSEA VEHICLES**	**88,063**	**81,407**	**-6,656**
	Contract award excess to need		-6,656	
83	**LITTORAL AIRBORNE MCM**	**18,669**	**15,187**	**-3,482**
	Project 2131 long lead material early to need		-3,482	
84	**SURFACE MINE COUNTERMEASURES**	**13,655**	**12,507**	**-1,148**
	Project 1235 product development previously funded		-1,148	
86	**NEXT GENERATION LOGISTICS**	**1,071**	**3,071**	**2,000**
	Program increase - hydrogen fuel cell technology		2,000	
87	**FUTURE VERTICAL LIFT (MARITIME STRIKE)**	**9,825**	**8,274**	**-1,551**
	Contract award delay		-1,551	
88	**RAPID TECHNOLOGY CAPABILITY PROTOTYPE**	**6,555**	**4,386**	**-2,169**
	Historical underexecution		-2,169	

R-1		Budget Request	Committee Recommended	Change from Request
90	**ADVANCED UNDERSEA PROTOTYPING**	**58,473**	**47,766**	**-10,707**
	Test and evaluation excess to need		-10,707	
92	**PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM**	**97,944**	**79,460**	**-18,484**
	Miniature air launched decoy delays		-12,250	
	Advanced aerial refueling system test and evaluation early to need		-1,000	
	SLCM-N unjustified request		-5,234	
94	**OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT**	**127,756**	**87,325**	**-40,431**
	Project 3343 propulsion maturation early to need		-3,000	
	Project 3343 weapon data link maturation early to need		-20,000	
	Project 3466 excess to need		-17,431	
96	**UNMANNED SURFACE VEHICLE ENABLING CAPABILITIES**	**170,838**	**83,552**	**-87,286**
	USV machinery qualification unjustified request		-47,311	
	Autonomy development concurrency		-7,125	
	Unmanned communications excess growth		-20,350	
	Elevated sensors excess growth		-5,500	
	USV operations center concurrency		-7,000	
97	**GROUND BASED ANTI-SHIP MISSILE (MARFORRES)**	**102,716**	**99,062**	**-3,654**
	PRM leader kit and resupply unjustified request		-3,654	
99	**CONVENTIONAL PROMPT STRIKE (CPS)**	**1,372,340**	**1,275,355**	**-96,985**
	UWL test facility outfitting early to need		-43,085	
	Development assets early to need		-19,000	
	Advanced payload module for UWL early to need		-9,900	
	Flight subsystem missile integration testing excess to need		-25,000	
101	**ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM**	**16,204**	**28,830**	**12,626**
	MUX studies, analysis, and concept refinement unjustified growth		-4,374	
	Program increase - K-max unmanned logistics system		7,000	
	Program increase - mobile unmanned/manned distributed lethality airborne network joint capability technology		5,000	
	Program increase - group 3 advanced autonomous		5,000	
104	**OTHER HELO DEVELOPMENT**	**56,444**	**49,312**	**-7,132**
	Attack and utility replacement aircraft excess studies and analysis		-7,132	
111	**ADVANCED HAWKEYE**	**386,860**	**346,860**	**-40,000**
	DSCC6 excess growth		-40,000	
113	**ACOUSTIC SEARCH SENSORS**	**46,066**	**49,057**	**2,991**
	Studies and analysis delays		-2,009	
	Program increase - sonobuoy capabilities research		5,000	
114	**V-22A**	**107,984**	**101,479**	**-6,505**
	Project 3090 flight control system redesign contract award delay		-6,505	

R-1		Budget Request	Committee Recommended	Change from Request
115	AIR CREW SYSTEMS DEVELOPMENT	22,746	18,535	-4,211
	Enhanced visual acuity schedule delays		-4,211	
116	EA-18	68,425	59,674	-8,751
	Historical underexecution		-8,751	
117	ELECTRONIC WARFARE DEVELOPMENT	139,535	133,375	-6,160
	Adaptive radar countermeasures previously funded		-3,218	
	Dual band decoy previously funded		-2,942	
118	EXECUTIVE HELO DEVELOPMENT	45,932	36,124	-9,808
	VH-92A improvements development contract award delay		-5,723	
	VH-92A improvements test and evaluation delay		-4,085	
119	NEXT GENERATION JAMMER (NGJ)	243,923	235,407	-8,516
	Test and evaluation delays		-8,516	
120	JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)	234,434	228,527	-5,907
	MIDS contract delay		-5,907	
121	NEXT GENERATION JAMMER (NGJ) INCREMENT II	248,096	230,100	-17,996
	Primary hardware development contract delay		-8,745	
	Integration delays		-9,251	
122	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	371,575	369,811	-1,764
	Aegis capability build 2023 previously funded		-1,764	
124	SMALL DIAMETER BOMB (SDB)	46,769	40,852	-5,917
	BRU-61 contract delay		-5,917	
125	STANDARD MISSILE IMPROVEMENTS	343,511	298,550	-44,961
	Future combat system integration land-based testing delays		-2,500	
	SM-6 Block 1B electronics unit integration early to need		-22,461	
	SM-6 system engineering and flight test support early to need		-20,000	
127	NAVAL INTEGRATED FIRE CONTROL - COUNTER AIR SYSTEMS ENGINEERING	46,121	43,733	-2,388
	Historical underexecution		-2,388	
129	ADVANCED ABOVE WATER SENSORS	77,852	48,352	-29,500
	Shipboard passive electro-optical infrared development excess to need		-29,500	
134	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	96,556	87,520	-9,036
	Engineering changes/capability enhancements and backfit delays		-9,036	
136	NEW DESIGN SSN	503,252	453,252	-50,000
	Integration efforts excess growth		-50,000	
138	SHIP CONTRACT DESIGN/LIFE FIRE T&E	54,829	52,584	-2,245
	Historical underexecution		-2,245	
140	MINE DEVELOPMENT	76,027	65,646	-10,381
	Encapsulated effector contract delays		-10,381	

R-1		Budget Request	Committee Recommended	Change from Request
141	**LIGHTWEIGHT TORPEDO DEVELOPMENT**	**94,386**	**87,786**	**-6,600**
	Project 3418 prior year carryover		-6,600	
143	**USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS - ENG DEV**	**42,144**	**38,282**	**-3,862**
	Training system development early to need		-1,862	
	Program concurrency		-2,000	
144	**PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS**	**7,375**	**5,945**	**-1,430**
	Historical underexecution		-1,430	
146	**SHIP SELF DEFENSE (DETECT & CONTROL)**	**149,433**	**142,595**	**-6,838**
	Historical underexecution		-6,838	
147	**SHIP SELF DEFENSE (ENGAGE HARD KILL)**	**87,862**	**84,488**	**-3,374**
	Project 0173 MK9 CWTI replacement delay		-3,374	
148	**SHIP SELF DEFENSE (ENGAGE SOFT KILL/EW)**	**69,006**	**65,460**	**-3,546**
	Project 3068 concurrency		-3,546	
150	**MEDICAL DEVELOPMENT**	**3,967**	**31,467**	**27,500**
	Program increase - autonomous aerial technology for distributed logistics		7,500	
	Program increase - wound care research		10,000	
	Program increase - military dental research		10,000	
154	**SSN(X)**	**29,829**	**4,980**	**-24,849**
	Excess to need		-24,849	
155	**INFORMATION TECHNOLOGY DEVELOPMENT**	**11,277**	**7,098**	**-4,179**
	Project 9406 duplicative efforts		-4,179	
156	**INFORMATION TECHNOLOGY DEVELOPMENT**	**243,828**	**265,085**	**21,257**
	Navy shore manpower requirements determination unjustified request		-2,958	
	Electronic procurement system delays		-3,936	
	Transfer from line 255		2,151	
	Program increase - aviation innovative cyber solutions		9,000	
	Program increase - cyber solutions in classified environments		6,000	
	Program increase - warfare mission analysis in cyber contested environment		5,000	
	Program increase - product lifecycle management for naval aviation		2,000	
	Program increase - actionable analytics for reliable maintenance		4,000	
157	**ANTI-TAMPER TECHNOLOGY SUPPORT**	**8,426**	**7,771**	**-655**
	Historical underexecution		-655	

R-1		Budget Request	Committee Recommended	Change from Request
158	**TACAMO MODERNIZATION**	**150,592**	**87,712**	**-62,880**
	Lack of acquisition strategy		-62,880	
161	**COMMON AVIONICS**	**60,117**	**57,862**	**-2,255**
	Ground proximity warning system/terrain awareness warning system previously funded		-2,255	
164	**UNMANNED CARRIER AVIATION (UCA)**	**268,937**	**259,666**	**-9,271**
	ESA excess to need		-4,695	
	Training development early to need		-4,576	
168	**MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION**	**80,709**	**61,978**	**-18,731**
	System design and development excess growth		-17,655	
	Support costs previously funded		-1,076	
174	**ISR & INFO OPERATIONS**	**136,140**	**133,781**	**-2,359**
	Spectral unjustified growth		-2,359	
175	**CYBER OPERATIONS TECHNOLOGY DEVELOPMENT**	**26,318**	**23,768**	**-2,550**
	Historical underexecution		-2,550	
177	**TARGET SYSTEMS DEVELOPMENT**	**12,113**	**9,955**	**-2,158**
	Aerial targets historical underexecution		-2,158	
184	**MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT**	**93,966**	**97,350**	**3,384**
	Historical underexecution		-6,616	
	Program increase - consortium for additive manufacturing research and education		10,000	
187	**TEST AND EVALUATION SUPPORT**	**429,277**	**418,100**	**-11,177**
	Historical underexecution		-12,177	
	Program increase - future workforce innovation		1,000	
191	**MARINE CORPS PROGRAM WIDE SUPPORT**	**47,042**	**43,524**	**-3,518**
	Project 3009 excess growth		-3,518	
202	**COOPERATIVE ENGAGEMENT CAPABILITY (CEC)**	**176,486**	**162,676**	**-13,810**
	FIRECAP excess growth		-5,007	
	ELEKTRA excess growth		-8,803	
203	**STRATEGIC SUB & WEAPONS SYSTEM SUPPORT**	**177,098**	**149,857**	**-27,241**
	D5LE2 integration and test early to need		-2,100	
	System engineering modeling and simulation previously funded		-1,551	
	Project 3097 unjustified growth		-29,590	
	Program increase - next generation strategic inertial measurement unit		6,000	
205	**SUBMARINE ACOUSTIC WARFARE DEVELOPMENT**	**64,752**	**49,007**	**-15,745**
	Compact rapid attack weapon concurrency		-15,745	

R-1		Budget Request	Committee Recommended	Change from Request
207	**F/A-18 SQUADRONS**	**189,224**	**207,224**	**18,000**
	Program increase - beacon obsolescence issues		3,000	
	Program increase - noise reduction research		4,000	
	Program increase - solid state light-off detector		8,000	
	Program increase - neural network algorithms on advanced processors		3,000	
214	**CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT**	**56,741**	**52,741**	**-4,000**
	Fleet training wholeness prior year carryover		-2,000	
	CIAT to SEA prior year carryover		-2,000	
215	**ELECTRONIC WARFARE (EW) READINESS SUPPORT**	**62,006**	**48,838**	**-13,168**
	Historical underexecution		-6,690	
	Project 3426 unjustified growth		-6,478	
216	**ANTI-RADIATION MISSILE IMPROVEMENT**	**133,520**	**125,823**	**-7,697**
	EMD cost growth		-7,697	
218	**MK-48 ADCAP**	**114,492**	**100,759**	**-13,733**
	ABP 7 excess to need		-2,708	
	TI-2 excess to need		-11,025	
219	**AVIATION IMPROVEMENTS**	**132,486**	**134,621**	**2,135**
	Historical underexecution		-4,865	
	Program increase - additive manufacturing for metals affordability		7,000	
221	**MARINE CORPS COMMUNICATIONS SYSTEMS**	**89,897**	**88,897**	**-1,000**
	Project 3772 SIGMAN unjustified request		-1,000	
223	**MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS**	**108,235**	**94,225**	**-14,010**
	Project 2315 force on force training systems unjustified growth		-3,354	
	Project 2503 family of expeditionary fuel systems delay		-1,071	
	Project 3774 ammunition lifecycle management unjustified growth		-2,000	
	Project 4002 aerial delivery and autonomous distribution entry unjustified growth		-7,585	
224	**MARINE CORPS COMBAT SERVICES SUPPORT**	**13,185**	**17,185**	**4,000**
	Program increase - field-based airborne power generation systems		4,000	
225	**USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)**	**37,695**	**57,695**	**20,000**
	Program increase - marine electronic warfare ground family of systems		20,000	
234	**AFLOAT NETWORKS**	**30,890**	**36,890**	**6,000**
	Program increase - kubernetes-based geospatial analytics and visualization		6,000	
237	**TACTICAL UNMANNED AERIAL VEHICLES**	**9,837**	**7,338**	**-2,499**
	TCS development and integration unjustified growth		-2,499	
238	**UAS INTEGRATION AND INTEROPERABILITY**	**9,797**	**5,000**	**-4,797**
	Excess to need		-4,797	

R-1		Budget Request	Committee Recommended	Change from Request
239	**DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS**	**38,800**	**29,749**	**-9,051**
	DCGS-MC GEOINT concurrency		-3,016	
	DCGS-MC all-source concurrency		-6,035	
251	**DEPOT MAINTENANCE (NON-IF)**	**36,880**	**35,030**	**-1,850**
	EA-18G SLAP previously funded		-1,850	
252	**MARITIME TECHNOLOGY (MARITECH)**	**3,329**	**9,329**	**6,000**
	Program increase - advanced shipyard technologies		6,000	
255	**NAVY NEXT GENERATION ENTERPRISE NETWORK (NGEN) - SOFTWARE PILOT PROGRAM**	**955,151**	**0**	**-955,151**
	Transfer to OMN line BSIT		-778,000	
	Transfer to OP,N line 141		-175,000	
	Transfer to line 156		-2,151	
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED		**-8,000**	**-8,000**

SMALL BUSINESS INNOVATION RESEARCH PROGRAM

While the Committee notes that the Navy's Automated Test and Retest (ATRT) Small Business Innovation Research (SBIR) Phase III program has made improvements in reducing the time required to field new capabilities, it remains concerned that these programs are not properly resourced. The Committee recommendation includes a total of $37,805,000 for the ATRT SBIR Phase III program. The Committee supports the use of the Navy's Digital Integration Support Cell and encourages the Secretary of the Navy to accelerate the development and deployment of the Office of Naval Research's Cloud to Edge ATRT System and Force Level capabilities, to include virtualized warfare systems and edge analytics on all platforms. Furthermore, the Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act which outlines an accelerated ATRT program schedule, efficiencies projected across the enterprise, ATRT demonstrated technologies, and a SBIR Phase III commercialization plan compliant with the use of the SBIR awardee when perfecting and scaling expansions, derivatives, or logical conclusions of these technologies.

NAVY TECH BRIDGES

The Committee is encouraged by the development and maintenance of NavalX Tech Bridges which are a connected network of individuals from industry, academia, and the Department of Navy that provide access to new technologies through a variety of existing authorities. The Committee is encouraged by the collaboration and coordination with non-traditional defense sector actors as well as continued partnerships with academia and believe that these partnerships have the potential to help the Navy transform and innovate. Open dialogue is critical to ensuring that the Navy meet and exceed its requirements through innovation and agility. The Committee encourages the Secretary of the Navy to ensure that the leadership of the Tech Bridges continue to make acquisition personnel available at Tech Bridge events so that non-traditional defense sector companies and higher education institutions more fully understand the requirements of the Navy.

UNDERGROUND FUEL STORAGE TANK SAFETY RESEARCH

The Committee remains concerned about the safety of underground fuel storage tanks commonly used on military installations by the Department of Defense. The Committee encourages the Secretary of the Navy to conduct additional research on the safety of underground fuel storage tanks to mitigate any risks to drinking water supplies for military bases and surrounding communities. Research areas should focus on corrosion evaluation, automated inspection, technical support for the development and assessment of double-wall structures and their equivalents, early leak detection, and x-ray photoelectron spectroscopy to support detailed surface analysis.

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. However, technology and workforce gaps have prevented the Navy from optimally integrating, operating, and maintaining this important research. 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.

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.

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.

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.

OVERSIGHT OF SMALL BUSINESS INNOVATION RESEARCH PROJECTS

The Committee is concerned that there may be conflicts of interest in the oversight of Small Business Innovation Research (SBIR) projects at Navy Warfare Centers. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that details a plan to mitigate professional and organizational conflicts of interest in the oversight of SBIR Projects by Navy Warfare Centers that may have the same or similar technology development activities or objectives. The report shall include a plan for the protection of SBIR awardees' intellectual property and commercialization opportunities from Warfare Centers that have or may have competing activities and a plan for establishing partnership arrangements for Warfare Centers to assist SBIR awardees with the commercialization of their projects in the defense sector.

ELECTROMAGNETIC RAILGUN PROGRAM

The Committee notes that the fiscal year 2022 budget request does not include funding for the electromagnetic railgun program after the Navy has invested in the program for several years. The Committee recognizes that the development of a functional railgun has the potential to provide the Navy with a safe, effective, and

significantly less expensive offensive capability than traditional legacy weapons systems. The Committee directs the Secretary of the Navy to submit a report to the congressional defense committees not later than 90 days after the enactment of this Act that details the status of the electromagnetic railgun program. The report shall include, but not be limited to, the status of the development and testing of the program, the amount of funding invested to date, the funding level necessary to achieve a fully functional system in the future, and the plan to incorporate this program onto Navy ships.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

Fiscal year 2022 budget request	$39,184,328,000
Committee recommendation	39,062,352,000
Change from budget request	−121,976,000

The Committee recommends an appropriation of $39,062,352,000 for Research, Development, Test and Evaluation, Air Force which will provide the following program in fiscal year 2022:

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE			
	BASIC RESEARCH			
1	DEFENSE RESEARCH SCIENCES	328,303	328,303	---
2	UNIVERSITY RESEARCH INITIATIVES	162,403	162,403	---
	TOTAL, BASIC RESEARCH	490,706	490,706	---
	APPLIED RESEARCH			
4	FUTURE AF CAPABILITIES APPLIED RESEARCH	79,901	79,901	---
5	MATERIALS	113,460	168,460	+55,000
6	AEROSPACE VEHICLE TECHNOLOGIES	163,032	173,032	+10,000
7	HUMAN EFFECTIVENESS APPLIED RESEARCH	136,273	145,863	+9,590
8	AEROSPACE PROPULSION	174,683	190,683	+16,000
9	AEROSPACE SENSORS	193,514	208,918	+15,404
11	SCIENCE AND TECHNOLOGY MANAGEMENT - MAJOR HEADQUARTERS	8,891	8,891	---
12	CONVENTIONAL MUNITIONS	151,757	151,757	---
13	DIRECTED ENERGY TECHNOLOGY	121,869	116,465	-5,404
14	DOMINANT INFORMATION SCIENCES AND METHODS	169,110	169,110	---
	TOTAL, APPLIED RESEARCH	1,312,490	1,413,080	+100,590
	ADVANCED TECHNOLOGY DEVELOPMENT			
17	FUTURE AF INTEGRATED TECHNOLOGY DEMOS	131,643	131,643	---
18	ADVANCED MATERIALS FOR WEAPON SYSTEMS	31,905	46,578	+14,673
19	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	21,057	19,112	-1,945
20	ADVANCED AEROSPACE SENSORS	44,730	44,450	-280
21	AEROSPACE TECHNOLOGY DEV/DEMO	70,486	85,486	+15,000
22	AEROSPACE PROPULSION AND POWER TECHNOLOGY	75,273	85,273	+10,000
23	ELECTRONIC COMBAT TECHNOLOGY	46,591	44,938	-1,653
26	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT	24,589	23,459	-1,130
27	CONVENTIONAL WEAPONS TECHNOLOGY	157,423	155,306	-2,117
28	ADVANCED WEAPONS TECHNOLOGY	28,258	31,855	+3,597
29	MANUFACTURING TECHNOLOGY PROGRAM	45,259	158,200	+112,941
30	BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION	56,772	63,948	+7,176
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	733,986	890,248	+156,262

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	ADVANCED COMPONENT DEVELOPMENT			
31	INTELLIGENCE ADVANCED DEVELOPMENT	5,795	5,795	---
32	COMBAT IDENTIFICATION TECHNOLOGY	21,939	21,939	---
33	NATO RESEARCH AND DEVELOPMENT	4,114	4,114	---
34	INTERCONTINENTAL BALLISTIC MISSILE - DEM/VAL	49,621	49,621	---
36	NC3 ADVANCED CONCEPTS	6,900	6,900	---
37	AIR FORCE WEATHER SERVICES RESEARCH	986	3,855	+2,869
38	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS)	203,849	203,849	---
39	ADVANCED ENGINE DEVELOPMENT	123,712	180,712	+57,000
40	ARCHITECTURE INITIATIVES	82,438	48,438	-34,000
41	LONG RANGE STRIKE	2,872,624	2,872,624	---
42	DIRECTED ENERGY PROTOTYPING	10,820	10,820	---
43	HYPERSONICS PROTOTYPING	438,378	---	-438,378
43A	HYPERSONICS PROTOTYPING - AIR LAUNCHED RAPID RESPONSE WEAPON (ARRW)	---	238,262	+238,262
43B	HYPERSONICS PROTOTYPING - HYPERSONIC ATTACK CRUISE MISSILE (HACM)	---	190,116	+190,116
44	PNT RESILIENCY, MODS AND IMPROVEMENTS	39,742	39,742	---
45	ADVANCED TECHNOLOGY AND SENSORS	23,745	23,745	---
46	SURVIVABLE AIRBORNE OPERATIONS CENTER	133,253	95,788	-37,465
47	TECHNOLOGY TRANSFER	15,768	15,768	---
48	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM	15,886	15,886	---
49	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	71,229	71,229	---
50	DEPLOYMENT AND DISTRIBUTION ENTERPRISE R&D	40,103	40,103	---
51	TECH TRANSITION PROGRAM	343,545	353,545	+10,000
52	GROUND BASED STRATEGIC DETERRENT	2,553,541	2,531,602	-21,939
54	NEXT GENERATION AIR DOMINANCE	1,524,667	1,524,667	---
56	AIRBASE AIR DEFENSE SYSTEMS (ABADS)	10,905	10,905	---
57	WAR RESERVE MATERIEL - AMMUNITION	3,943	3,943	---
59	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	43,881	43,881	---
61	MISSION PARTNER ENVIRONMENTS	16,420	16,420	---
62	CYBER OPERATIONS TECHNOLOGY SUPPORT	242,499	242,499	---
63	ENABLED CYBER ACTIVITIES	16,578	16,578	---
66	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	20,343	20,343	---
	TOTAL, ADVANCED COMPONENT DEVELOPMENT	8,937,224	8,903,689	-33,535

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	SYSTEM DEVELOPMENT & DEMONSTRATION			
78	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	23,499	18,499	-5,000
79	PNT RESILIENCY, MODS AND IMPROVEMENTS	167,520	167,520	---
80	NUCLEAR WEAPONS SUPPORT	30,050	30,050	---
81	ELECTRONIC WARFARE DEVELOPMENT	2,110	2,110	---
82	TACTICAL DATA NETWORKS ENTERPRISE	169,836	159,836	-10,000
83	PHYSICAL SECURITY EQUIPMENT	8,469	8,469	---
85	ARMAMENT/ORDNANCE DEVELOPMENT	9,047	9,047	---
86	SUBMUNITIONS	2,954	2,954	---
87	AGILE COMBAT SUPPORT	16,603	19,938	+3,335
89	LIFE SUPPORT SYSTEMS	25,437	25,437	---
90	COMBAT TRAINING RANGES	23,980	23,980	---
92	LONG RANGE STANDOFF WEAPON	609,042	581,042	-28,000
93	ICBM FUZE MODERNIZATION	129,709	129,709	---
95	OPEN ARCHITECTURE MANAGEMENT	37,109	37,109	---
96	KC-46	1	---	-1
97	ADVANCED PILOT TRAINING	188,898	188,898	---
98	COMBAT RESCUE HELICOPTER HH-60W	66,355	30,506	-35,849
101	F-15 EPAWSS	112,012	112,012	---
102	STAND IN ATTACK WEAPON	166,570	166,570	---
103	FULL COMBAT MISSION TRAINING	7,064	12,064	+5,000
105	KC-46A TANKER SQUADRONS	73,458	66,758	-6,700
107	VC-25B	680,665	619,065	-61,600
108	AUTOMATED TEST SYSTEMS	15,445	15,445	---
109	TRAINING DEVELOPMENTS	4,482	2,482	-2,000
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	2,570,315	2,429,500	-140,815
	MANAGEMENT SUPPORT			
124	THREAT SIMULATOR DEVELOPMENT	41,909	41,909	---
125	MAJOR T&E INVESTMENT	130,766	130,766	---
126	RAND PROJECT AIR FORCE	36,017	36,017	---
128	INITIAL OPERATIONAL TEST & EVALUATION	12,582	12,582	---
129	TEST AND EVALUATION SUPPORT	811,032	811,032	---
131	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	243,796	243,796	---
132	ACQ WORKFORCE- GLOBAL REACH	435,930	435,930	---
133	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	435,274	435,274	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
135	ACQ WORKFORCE- CAPABILITY INTEGRATION	243,806	243,806	---
136	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	103,041	103,041	---
137	ACQ WORKFORCE- NUCLEAR SYSTEMS	226,055	226,055	---
138	MANAGEMENT HQ - R&D	4,079	4,079	---
139	FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL	70,788	70,788	---
140	FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT	30,057	30,057	---
141	REQUIREMENTS ANALYSIS AND MATURATION	85,799	85,799	---
142	MANAGEMENT HQ - T&E	6,163	6,163	---
143	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	537	537	---
144	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4) - STRATCOM	25,340	35,340	+10,000
145	ENTERPRISE INFORMATION SERVICES (EIS)	28,720	28,720	---
146	ACQUISITION AND MANAGEMENT SUPPORT	37,211	37,211	---
147	GENERAL SKILL TRAINING	1,506	1,506	---
148	TRAINING DEVELOPMENTS	2,957	2,957	---
150	INTERNATIONAL ACTIVITIES	2,420	2,420	---
156	SPACE TEST PROGRAM (STP)	3	3	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	3,015,788	3,025,788	+10,000
	OPERATIONAL SYSTEMS DEVELOPMENT			
157	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	5,509	8,589	+3,080
158	WIDE AREA SURVEILLANCE	2,760	2,760	---
160	F-35 C2D2	985,404	985,404	---
161	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	22,010	22,010	---
162	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	51,492	51,492	---
163	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	71,391	71,391	---
164	HC/MC-130 RECAP RDT&E	46,796	46,796	---
165	NC3 INTEGRATION	26,532	26,532	---
167	B-52 SQUADRONS	715,811	660,811	-55,000
168	AIR-LAUNCHED CRUISE MISSILE (ALCM)	453	453	---
169	B-1B SQUADRONS	29,127	29,127	---
170	B-2 SQUADRONS	144,047	131,647	-12,400
171	MINUTEMAN SQUADRONS	113,622	113,622	---
172	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	15,202	15,202	---
174	ICBM REENTRY VEHICLES	96,313	96,313	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
176	UH-1N REPLACEMENT PROGRAM	16,132	16,132	---
177	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION	771	771	---
178	NORTH WARNING SYSTEM (NWS)	99	99	---
179	OVER-THE-HORIZON BACKSCATTER RADAR	42,300	42,300	---
180	VEHICLES AND SUPPORT EQUIPMENT - GENERAL	5,889	5,889	---
181	MQ-9 UAV	85,135	84,121	-1,014
182	JOINT COUNTER RCIED ELECTRONIC WARFARE	3,111	3,111	---
183	MULTI-PLATFORM ELECTRONIC WARFARE EQUIPMENT	36,607	36,607	---
184	A-10 SQUADRONS	39,224	39,224	---
185	F-16 SQUADRONS	224,573	229,573	+5,000
186	F-15E SQUADRONS	239,616	239,616	---
187	MANNED DESTRUCTIVE SUPPRESSION	15,855	15,855	---
188	F-22 SQUADRONS	647,296	647,296	---
189	F-35 SQUADRONS	69,365	69,365	---
190	F-15EX	118,126	118,126	---
191	TACTICAL AIM MISSILES	32,974	32,974	---
192	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	51,288	51,288	---
193	COMBAT RESCUE - PARARESCUE	852	852	---
194	AF TENCAP	23,685	23,685	---
195	PRECISION ATTACK SYSTEMS PROCUREMENT	12,083	12,083	---
196	COMPASS CALL	91,266	91,266	---
197	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	103,715	115,715	+12,000
198	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	117,325	117,325	---
199	SMALL DIAMETER BOMB (SDB)	27,109	27,109	---
200	AIR AND SPACE OPERATIONS CENTER (AOC)	3	---	-3
201	CONTROL AND REPORTING CENTER (CRC)	9,875	9,875	---
202	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	171,014	171,014	---
203	TACTICAL AIRBORNE CONTROL SYSTEMS AFSPECWAR - TACP	4,598	4,598	---
205	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	21,863	17,863	-4,000
206	THEATER BATTLE MANAGEMENT (TBM) C41	7,905	7,905	---
207	ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR)	15,000	15,000	---
208	TACTICAL AIR CONTROL PARTY--MOD	13,081	13,081	---
209	DCAPES	4,305	4,305	---
210	AIR FORCE CALIBRATION PROGRAMS	1,984	1,984	---
211	AIRBASE AIR DEFENSE SYSTEMS (ABADS)	7,392	7,392	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
212	NATIONAL TECHNICAL NUCLEAR FORENSICS	1,971	1,971	---
213	SEEK EAGLE	30,539	30,539	---
214	USAF MODELING AND SIMULATION	17,110	17,110	---
215	WARGAMING AND SIMULATION CENTERS	7,535	7,535	---
216	BATTLEFIELD ABN COMM NODE (BACN)	32,008	32,008	---
217	DISTRIBUTED TRAINING AND EXERCISES	4,007	4,007	---
218	MISSION PLANNING SYSTEMS	92,557	92,557	---
219	TACTICAL DECEPTION	489	7,338	+6,849
220	OPERATIONAL HG - CYBER	2,115	2,115	---
221	DISTRIBUTED CYBER WARFARE OPERATIONS	72,487	72,487	---
222	AF DEFENSIVE CYBERSPACE OPERATIONS	18,449	18,449	---
223	JOINT CYBER COMMAND AND CONTROL (JCC2)	79,079	79,079	---
224	UNIFIED PLATFORM (UP)	101,893	101,893	---
228	INTEL DATA APPLICATIONS	493	493	---
229	GEOBASE	2,782	2,782	---
231	CYBER SECURITY INTELLIGENCE SUPPORT	5,224	5,224	---
238	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS	2,463	2,463	---
239	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	26,331	26,331	---
240	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	20,700	58,165	+37,465
242	INFORMATION SYSTEMS SECURITY PROGRAM	8,032	8,032	---
243	GLOBAL FORCE MANAGEMENT - DATA INITIATIVE	452	452	---
244	ALL DOMAIN COMMON PLATFORM	64,000	64,000	---
246	AIRBORNE SIGINT ENTERPRISE	97,546	93,546	-4,000
247	COMMERCIAL ECONOMIC ANALYSIS	3,770	3,770	---
251	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,663	1,663	---
252	ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	18,888	15,888	-3,000
253	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,672	4,672	---
254	CYBER SECURITY INITIATIVE	290	290	---
255	WEATHER SERVICE	26,228	39,228	+13,000
256	AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC)	8,749	10,749	+2,000
257	AERIAL TARGETS	1,528	1,528	---
258	SECURITY AND INVESTIGATIVE ACTIVITIES	223	223	---
260	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	8,733	8,733	---
264	INTEGRATED BROADCAST SERVICE	21,335	21,335	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
265	DRAGON U-2	17,146	35,846	+18,700
267	AIRBORNE RECONNAISSANCE SYSTEMS	71,791	108,036	+36,245
268	MANNED RECONNAISSANCE SYSTEMS	14,799	14,799	---
269	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	24,568	24,568	---
270	RQ-4 UAV	83,124	83,124	---
271	NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA)	17,224	17,224	---
272	NATO AGS	19,473	19,473	---
273	SUPPORT TO DCGS ENTERPRISE	40,421	40,421	---
274	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES	14,473	14,473	---
275	RAPID CYBER ACQUISITION	4,326	4,326	---
276	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,567	2,567	---
277	INTELLIGENCE MISSION DATA (IMD)	6,169	6,169	---
278	C-130 AIRLIFT SQUADRON	9,752	12,552	+2,800
279	C-5 AIRLIFT SQUADRONS	17,507	17,507	---
280	C-17 AIRCRAFT	16,360	16,360	---
281	C-130J PROGRAM	14,112	14,112	---
282	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,540	5,540	---
283	KC-135S	3,564	3,564	---
285	CV-22	17,189	17,189	---
286	SPECIAL TACTICS / COMBAT CONTROL	6,640	6,640	---
288	MAINTENANCE, REPAIR & OVERHAUL SYSTEM	26,921	26,921	---
289	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	7,071	7,071	---
291	OTHER FLIGHT TRAINING	1,999	5,999	+4,000
293	JOINT PERSONNEL RECOVERY AGENCY	1,841	1,841	---
294	CIVILIAN COMPENSATION PROGRAM	3,560	3,560	---
295	PERSONNEL ADMINISTRATION	3,368	3,368	---
296	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,248	1,248	---
297	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT	4,852	4,852	---
301	SERVICE SUPPORT TO SPACECOM ACTIVITIES	6,737	6,737	---
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	5,836,568	5,898,290	+61,722

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

	BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
9999 CLASSIFIED PROGRAMS	15,868,973	15,592,773	-276,200
STRATEGIC MISSION PLANNING AND EXECUTION SYSTEM - SOFTWARE PILOT PROGRAM	96,100	96,100	---
AIR & SPACE OPERATIONS CENTER (AOC) - SOFTWARE PILOT PROGRAM	186,915	186,915	---
DEFENSE ENTERPRISE ACCOUNTING AND MANAGEMENT SYSTEM (DEAMS) - SOFTWARE PILOT PRO	135,263	135,263	---
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE	39,184,328	39,062,352	-121,976

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
5	**MATERIALS**	**113,460**	**168,460**	**55,000**
	Program increase - classified additive manufacturing		20,000	
	Program increase - deployable passive cooling		5,000	
	Program increase - digital maintenance advisor demonstration for F-16		5,000	
	Program increase - failure prediction in material models		5,000	
	Program increase - nano-bio technologies for aeromedical and en route care		10,000	
	Program increase - high and ultra-high temperature ceramic-matrix composites for hypersonics		10,000	
6	**AEROSPACE VEHICLE TECHNOLOGIES**	**163,032**	**173,032**	**10,000**
	Program increase - educational partnership agreement for secure UAV technologies		10,000	
7	**HUMAN EFFECTIVENESS APPLIED RESEARCH**	**136,273**	**145,863**	**9,590**
	Program increase - F-35 helmet mounted display system tech refresh and weight reduction		9,590	
8	**AEROSPACE PROPULSION**	**174,683**	**190,683**	**16,000**
	Program increase - modular open system architecture for turbine engine technology		6,000	
	Program increase - small business research for rocket technology		5,000	
	Program increase - emergency power and cooling thermal management growth		5,000	
9	**AEROSPACE SENSORS**	**193,514**	**208,918**	**15,404**
	Air Force requested transfer from line 13		5,404	
	Program increase - exploitation detection for flexible combat avionics		5,000	
	Program increase - low cost sensors for UAVs		5,000	
13	**DIRECTED ENERGY TECHNOLOGY**	**121,869**	**116,465**	**-5,404**
	Air Force requested transfer to line 9		-5,404	
18	**ADVANCED MATERIALS FOR WEAPON SYSTEMS**	**31,905**	**46,578**	**14,673**
	Transformational technology development lack of justification		-327	
	Program increase - metals affordability research		10,000	
	Program increase - polymer printing technology for additive manufacturing		5,000	
19	**SUSTAINMENT S&T**	**21,057**	**19,112**	**-1,945**
	Transformational technology development lack of justification		-1,945	
20	**ADVANCED AEROSPACE SENSORS**	**44,730**	**44,450**	**-280**
	Transformational technology development lack of justification		-1,014	
	Air Force requested transfer from RDTE,SF line 2		734	

R-1		Budget Request	Committee Recommended	Change from Request
21	**AEROSPACE TECHNOLOGY DEV/DEMO**	**70,486**	**85,486**	**15,000**
	Program increase - heavy fuel engine hybrid electric ducted fan advanced propulsion		15,000	
22	**AEROSPACE PROPULSION & POWER TECHNOLOGY**	**75,273**	**85,273**	**10,000**
	Program increase - domestic manufacturing of solid state power controllers		10,000	
23	**ELECTRONIC COMBAT TECHNOLOGY**	**46,591**	**44,938**	**-1,653**
	Transformational technology development - EW quick reaction capabilities lack of justification		-1,517	
	Transformational technology development - RF warning and countermeasures technology lack of justification		-136	
26	**HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY**	**24,589**	**23,459**	**-1,130**
	Transformational technology development - directed energy bioeffects parameters lack of justifcation		-240	
	Transformational technology development - human dynamics and terrain demonstration lack of justification		-308	
	Transformational technology development - mission effective performance lack of justification		-411	
	Transformational technology development - warfighter interfaces lack of justification		-171	
27	**CONVENTIONAL WEAPONS TECHNOLOGY**	**157,423**	**155,306**	**-2,117**
	Transformational component lack of justification		-2,117	
28	**ADVANCED WEAPONS TECHNOLOGY**	**28,258**	**31,855**	**3,597**
	Transformational technology development - high power solid state laser technology lack of justification		-188	
	Transformational technology development - high power microwave development and integration lack of justification		-1,215	
	Program increase - LIDAR CUAS automated target recognition		5,000	

R-1		Budget Request	Committee Recommended	Change from Request
29	**MANUFACTURING TECHNOLOGY PROGRAM**	**45,259**	**158,200**	**112,941**
	Manufacturing for transformational technologies lack of justification		-1,810	
	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 - beryllium additive manufacturing		3,000	
	Program increase - component 3D online demonstration		10,000	
	Program increase - flexible thermal protection systems for hypersonics		10,000	
	Program increase - hybrid manufacturing for rapid tooling and repair		10,000	
	Program increase - laser metal deposition powder for turbine engine component restoration		13,000	
	Program increase - massive area additive manufacturing		10,000	
	Program increase - MRO advanced process technology development		10,000	
	Program increase - sustainment and modernization research and development		10,000	
	Program increase - technologies to repair fastener holes		5,000	
	Program increase - thermoplastic material systems		4,751	
	Program increase - virtual augmented mixed reality readiness		8,000	
	Program increase - zero trust environment for semiconductor technology		10,000	
30	**BATTLESPACE KNOWLEDGE DEV/DEMO**	**56,772**	**63,948**	**7,176**
	Transformational technology development - battlespace development and demonstration lack of justification		-5,001	
	Transformational technology development - cyber battlespace development and demonstration lack of justification		-1,013	
	Program increase - assured communication and networks		10,000	
	Project increase - development of cybersecurity methodologies		2,990	
	Project increase - Skydome trusted Smart-X experimentation environment		200	
37	**AIR FORCE WEATHER SERVICES RESEARCH**	**986**	**3,855**	**2,869**
	Program increase - drought warning system		2,869	
39	**ADVANCED ENGINE DEVELOPMENT**	**123,712**	**180,712**	**57,000**
	Program increase - unfunded priority for AETP		57,000	
40	**ARCHITECTURE INITIATIVES**	**82,438**	**48,438**	**-34,000**
	Architecture design and integration excess to need		-4,000	
	Architecture demonstration and evaluation excess to need		-30,000	
43	**HYPERSONICS PROTOTYPING**	**438,378**	**0**	**-438,378**
	Transfer ARRW funding to new line 43A		-238,262	
	Transfer HACM funding to new line 43B		-200,116	

R-1		Budget Request	Committee Recommended	Change from Request
43A	HYPERSONICS PROTOTYPING - AIR LAUNCHED RAPID RESPONSE WEAPON (ARRW)	0	238,262	238,262
	Transfer from line 43 for greater transparency and budget discipline		238,262	
43B	HYPERSONICS PROTOTYPING - HYPERSONIC ATTACK CRUISE MISSILE (HACM)	0	190,116	190,116
	Transfer from line 43 for greater transparency and budget discipline		200,116	
	HACM ahead of need		-10,000	
46	SURVIVABLE AIRBORNE OPERATIONS CENTER	133,253	95,788	-37,465
	Air Force requested transfer to line 240 for common VLF/LF receiver incr 2		-37,465	
51	TECH TRANSITION PROGRAM	343,545	353,545	10,000
	Program increase - additive metals manufacturing		10,000	
52	GROUND BASED STRATEGIC DETERRENT	2,553,541	2,531,602	-21,939
	Projected carryover for EMD		-21,939	
78	FUTURE ADVANCED WEAPON ANALYSIS	23,499	18,499	-5,000
	Underexecution		-5,000	
82	TACTICAL DATA NETWORKS ENTERPRISE	169,836	159,836	-10,000
	Underexecution		-10,000	
87	AGILE COMBAT SUPPORT	16,603	19,938	3,335
	Contract award delays		-1,665	
	Program increase - airfield sustainment and damage recovery technologies		5,000	
92	LONG RANGE STANDOFF WEAPON	609,042	581,042	-28,000
	Rephase funds for EMD contract award		-28,000	
96	KC-46	1	0	-1
	Programming error		-1	
98	HH-60W (CRH)	66,355	30,506	-35,849
	Capability upgrades and modernization funding ahead of need		-35,849	
103	FULL COMBAT MISSION TRAINING	7,064	12,064	5,000
	Program increase - airborne augmented reality for pilot training		5,000	
105	KC-46 TANKER SQUADRONS	73,458	66,758	-6,700
	Underexecution		-6,700	
107	VC-25B	680,665	619,065	-61,600
	Program delays		-61,600	
109	TRAINING DEVELOPMENTS	4,482	2,482	-2,000
	Underexecution		-2,000	

R-1	Budget Request	Committee Recommended	Change from Request
144 C4 - STRATCOM	**25,340**	**35,340**	**10,000**
Program increase - NC3 rapid engineering architecture collaboration hub		10,000	
157 SUFT	**5,509**	**8,589**	**3,080**
Program increase - PRIME desktop trainer		3,080	
167 B-52 SQUADRONS	**715,811**	**660,811**	**-55,000**
CERP rapid prototyping materiel contract delay		-55,000	
170 B-2 SQUADRONS	**144,047**	**131,647**	**-12,400**
B-2 display modernization carryover		-12,400	
181 MQ-9	**85,135**	**84,121**	**-1,014**
Program protection technology insertion ahead of need		-1,014	
185 F-16 SQUADRONS	**224,573**	**229,573**	**5,000**
Program increase - lithium battery replacement for F-16 hydrazine emergency power units		5,000	
197 ENGINE CIP	**103,715**	**115,715**	**12,000**
Program increase - F135		12,000	
200 AIR AND SPACE OPERATIONS CENTER	**3**	**0**	**-3**
Programming error		-3	
205 COMBAT AIR INTELLIGENCE SYSTEM	**21,863**	**17,863**	**-4,000**
Underexecution		-4,000	
219 TACTICAL DECEPTION	**489**	**7,338**	**6,849**
Program increase - radar modeling		6,849	
240 MEECN	**20,700**	**58,165**	**37,465**
Air Force requested transfer from line 46 for common VLF/LF receiver incr 2		37,465	
246 AIRBORNE SIGINT ENTERPRISE	**97,546**	**93,546**	**-4,000**
Special projects carryover		-4,000	
252 ISR MODERNIZATION & AUTOMATION DEVELOPMENT	**18,888**	**15,888**	**-3,000**
Underexecution		-3,000	
255 WEATHER SERVICE	**26,228**	**39,228**	**13,000**
Program increase - commercial weather data pilot		10,000	
Program increase - atmospheric rivers research		3,000	
256 ATCALS	**8,749**	**10,749**	**2,000**
Program increase - wind turbine impact mitigation radar certification		2,000	
265 U-2	**17,146**	**35,846**	**18,700**
Program increase - unfunded priority for avionics tech refresh and sensor on-board processor		18,700	

R-1	Budget Request	Committee Recommended	Change from Request
267 AIRBORNE RECONNAISSANCE SYSTEMS	**71,791**	**108,036**	**36,245**
Program increase - wide area motion imagery		12,500	
Program increase - unfunded priority for ASARS		23,745	
278 C-130 SQUADRONS	**9,752**	**12,552**	**2,800**
Program increase - C-130H infrared suppression		2,800	
291 OTHER FLIGHT TRAINING	**1,999**	**5,999**	**4,000**
Program increase - aircraft transition optimization support		4,000	
999 CLASSIFIED PROGRAMS	**15,868,973**	**15,592,773**	**-276,200**
Classified adjustment		-276,200	

HYPERSONICS PROTOTYPING

The budget request includes $438,378,000 for hypersonics prototyping, comprising $238,262,000 for the continuation of the Air-Launched Rapid Response Weapon (ARRW) and $200,116,000 for the new Hypersonic Attack Cruise Missile (HACM). The Committee recommendation includes full funding for ARRW and $190,116,000 for HACM, but also takes action to increase transparency and oversight. The Committee previously has expressed concern with the Air Force's budgeting practices for hypersonics prototyping. The budget request resumes the funding of simultaneous prototyping efforts within a single budget line following last year's termination of the Hypersonic Conventional Strike Weapon (HCSW) effort at the critical design review. The funds made available by the termination of HCSW were critical to keeping the ARRW effort on track and adequately funded. In order to ensure transparency and budget discipline, the Committee separates the funding for hypersonics prototyping into two new lines, one for the ARRW effort and one for the HACM effort. This increases the transparency of funding and subjects both efforts to normal prior approval reprogramming requirements.

The ARRW effort will transition to a rapid fielding program in this budget request. Funding for the rapid fielding of ARRW is addressed under the heading "Missile Procurement, Air Force" in this report. The Committee understands that the Air Force intends to decide on proceeding with procurement upon conclusion of the first of three all-up round flight tests. The Committee notes and commends the efforts by the Air Force to keep the Committee informed of the progress of ARRW flight testing. The Committee directs the Secretary of the Air Force to notify the congressional defense committees not later than 30 days following the initiation of the first all-up round test on both the result of that test and whether the result supports a decision to initiate procurement of the first lot of ARRW missiles.

GROUND BASED STRATEGIC DETERRENT

The Committee recommendation includes $2,531,602,000 for the Ground Based Strategic Deterrent (GBSD) program, a reduction of $21,939,000 from the budget request. This recommendation supports the continuation of GBSD. The Department of Defense has stressed the "just in time" nature of GBSD to replace the aging Minuteman III weapon system, but the Committee wishes to stress the equivalent necessity of controlling costs. The Committee notes that the largest proportion of not just cost, but cost uncertainty, in the acquisition of GBSD lies in the procurement phase. Cost growth beyond affordability targets can drive perturbations in the schedule as surely as any other facet of the program. Given that the program has achieved both Milestone B and awarded a development contract with options for initial lots of production, the Committee directs the Secretary of the Air Force to make available to the congressional defense committees a quarterly brief on the progress of the GBSD program. This brief shall, at minimum, provide consistent metrics to track cost and schedule performance by the prime contractor and its suppliers, the retirement of technical

risk, software development, and progress on efforts to support the recapitalization of launch facilities, launch control centers, and other supporting infrastructure. The first such briefing shall be made available by October 31, 2021, and thereafter shall be made available not later than 30 days after the close of each fiscal quarter.

LONG RANGE STANDOFF WEAPON

The Committee recommendation includes $581,042,000 for the Long Range Standoff Weapon (LRSO) program, a reduction of $28,000,000 from the budget request. The Committee notes that the LRSO program achieved a Milestone B decision in May 2021 and is poised to award a contract for the engineering and manufacturing development phase before the end of fiscal year 2021. The Committee directs the Secretary of the Air Force to make available to the congressional defense committees a quarterly brief on the progress of the LRSO program. This brief shall, at minimum, provide consistent metrics to track cost and schedule performance by the prime contractor and its suppliers, the retirement of technical risk, and reliability and maintainability metrics. The first such briefing shall be made available by October 31, 2021, and thereafter shall be made available not later than 30 days after the close of each fiscal quarter.

MAINTENANCE, REPAIR, AND OVERHAUL TECHNOLOGIES

The Committee is concerned that technologies for advanced maintenance, repair, and overhaul (MRO) processes are not keeping pace with the rapid pace of technology development for weapon systems. As the Air Force increases the development and procurement of critical platforms, such as the F–35A, the Committee believes that it should also ensure aircraft and other systems achieve the highest readiness rates possible. The Committee encourages the Secretary of the Air Force to make investment in advanced MRO process technologies and capabilities a high priority for the manufacturing technology program.

AIR FORCE SPECIAL OPERATIONS COMMAND PHYSICAL READINESS TRAINING PROGRAMS

The Committee supports efforts to strengthen the resiliency, lethality, and readiness of the military and notes that Special Tactics groups under the Air Force Special Operations Command have broad mission sets that require unique physical and mental performance standards. The Committee notes that previous research has shown that adaption of physical fitness and human performance programming to the specific demands of servicemember duties can reduce injury incidence, optimize physical readiness, and better achieve military objectives. The Committee believes development of a physical readiness program aligned with duty-specific tasks is warranted to improve performance and reduce the likelihood of training-related injuries. The Committee urges the Secretary of the Air Force to support research and development of physical readiness training programs unique to the duty-specific demands of these Special Tactics groups.

MULTI-FUNCTIONAL AEROSPACE COMPOSITES

The Committee recognizes that the development of scalable and affordable multi-functional and thermal protection aerospace composites manufacturing is critical to significant warfighter capabilities. The Committee encourages the Secretary of the Air Force to continue partnerships with public universities to rapidly advance scalable manufacturing of multi-functional aerospace composites.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, SPACE FORCE

Fiscal year 2022 budget request	$11,266,387,000
Committee recommendation	10,774,318,000
Change from budget request	−492,069,000

The Committee recommends an appropriation of $10,774,318,000 for Research, Development, Test and Evaluation, Space Force which will provide the following program in fiscal year 2022:

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE			
	APPLIED RESEARCH			
1	SPACE TECHNOLOGY	175,796	190,696	+14,900
	TOTAL, APPLIED RESEARCH	175,796	190,696	+14,900
	ADVANCED TECHNOLOGY DEVELOPMENT			
2	SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEMO	76,653	82,584	+5,931
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	76,653	82,584	+5,931
	COMPONENT DEVELOPMENT & PROTOTYPES			
3	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	434,194	434,194	---
4	EO/IR WEATHER SYSTEMS	162,274	162,274	---
5	SPACE SYSTEM SUPPORT	37,000	---	-37,000
6	WEATHER SYSTEM FOLLOW-ON	61,521	61,521	---
7	SPACE SITUATION AWARENESS SYSTEM	123,262	119,262	-4,000
8	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	101,851	106,851	+5,000
9	SPACE CONTROL TECHNOLOGY	32,931	35,931	+3,000
10	SPACE SECURITY AND DEFENSE PROGRAMS (SSDP)	56,546	66,546	+10,000
11	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	100,320	100,320	---
12	PROTECTED TACTICAL SERVICE (PTS)	243,285	243,285	---
13	EVOLVED STRATEGIC SATCOM (ESS)	160,056	160,056	---
14	SPACE RAPID CAPABILITIES OFFICE	66,193	51,193	-15,000
	TOTAL, COMPONENT DEVELOPMENT & PROTOTYPES	1,579,433	1,541,433	-38,000
	SYSTEM DEVELOPMENT & DEMONSTRATION			
15	GPS III FOLLOW-ON (GPS IIF)	264,265	264,265	---
16	SPACE SITUATION AWARENESS OPERATIONS	56,279	52,279	-4,000
17	COUNTERSPACE SYSTEMS	38,063	31,563	-6,500
18	WEATHER SYSTEM FOLLOW-ON	1,438	1,438	---
19	SPACE SITUATION AWARENESS SYSTEMS	127,026	127,026	---
20	ADVANCED EHF MILSATCOM (SPACE)	28,218	28,218	---
21	POLAR MILSATCOM (SPACE)	127,870	127,870	---
22	NEXT GENERATION OPIR	2,451,256	2,451,256	---
23	COMMERCIAL SATCOM (COMSATCOM) INTEGRATION	23,400	23,400	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
24	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD..	221,510	184,610	-36,900
	TOTAL, SYSTEM DEVELOPMENT & DEMONSTRATION.....	3,339,325	3,291,925	-47,400
	MANAGEMENT SUPPORT			
25	SPACE TEST AND TRAINING RANGE DEVELOPMENT.....	19,319	19,319	---
26	ACQ WORKFORCE - SPACE & MISSILE SYSTEMS.....	214,051	214,051	---
27	SPACE & MISSILE SYSTEMS CENTER - MHA.....	12,119	12,119	---
28	MAJOR T&E INVESTMENT - SPACE.....	71,503	71,503	---
29	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE).....	17,769	17,769	---
30	TACTICALLY RESPONSIVE LAUNCH.....	---	5,000	+5,000
31	SPACE TEST PROGRAM (STP).....	20,881	20,881	---
	TOTAL, RDT&E MANAGEMENT SUPPORT.....	355,642	360,642	+5,000
	OPERATIONAL SYSTEMS DEVELOPMENT			
33	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN).....	4,731	4,731	---
34	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T).....	156,788	156,788	---
35	DCO-SPACE.....	2,150	2,150	---
36	NARROWBAND SATELLITE COMMUNICATIONS.....	112,012	110,012	-2,000
37	SATELLITE CONTROL NETWORK (SPACE).....	36,810	36,810	---
38	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).....	1,966	1,966	---
39	SPACE AND MISSILE TEST EVALUATION CENTER.....	1,699	1,699	---
40	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.....	18,054	13,054	-5,000
41	SPACELIFT RANGE SYSTEM (SPACE).....	11,115	16,115	+5,000
42	GPS III SPACE SEGMENT.....	7,207	7,207	---
43	SPACE SUPERIORITY ISR.....	18,109	18,109	---
44	NATIONAL SPACE DEFENSE CENTER (NSDC).....	1,280	1,280	---
45	BALLISTIC MISSILE DEFENSE RADARS.....	12,292	12,292	---
46	NCMC - TW/AA SYSTEM.....	9,858	9,858	---
47	NUDET DETECTION SYSTEM (SPACE).....	45,887	33,887	-12,000
48	SPACE SITUATION AWARENESS OPERATIONS.....	64,763	59,763	-5,000
49	GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT.....	413,766	413,766	---
53	ENTERPRISE GROUND SERVICES.....	191,713	191,713	---
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT.....	1,110,200	1,091,200	-19,000

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
999	CLASSIFIED PROGRAMS	4,474,809	4,064,309	-410,500
54	JPSOC MISSION SYSTEM	154,529	154,529	---
	UNDISTRIBUTED REDUCTION - EXCESS TO NEED	---	-3,000	-3,000
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, SPACE FORCE	11,266,387	10,774,318	-492,069

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
1	**SPACE TECHNOLOGY**	**175,796**	**190,696**	**14,900**
	Inadequate justification		-15,000	
	Program increase – radiation hardened microprocessor		8,900	
	Program increase – lithium-sulfur battery		3,000	
	Program increase – thin-film photovoltaic energy		3,000	
	Program increase – multi-mission distributed antenna technology		10,000	
	Program increase – hybrid space architecture		5,000	
2	**SPACE ADVANCED TECHNOLOGY DEVELOPMENT/DEM**	**76,653**	**82,584**	**5,931**
	Program increase – multi-mode propulsion		5,000	
	Project increase - core manipultator joint		1,665	
	Air Force requested transfer to RDTE,AF line 20		-734	
5	**SPACE SYSTEM SUPPORT**	**37,000**	**0**	**-37,000**
	Program decrease		-27,000	
	Transfer to line 10		-10,000	
7	**SPACE SITUATION AWARENESS SYSTEMS**	**123,262**	**119,262**	**-4,000**
	Underexecution		-4,000	
8	**SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)**	**101,851**	**106,851**	**5,000**
	Program increase - space combat cloud		5,000	
9	**SPACE CONTROL TECHNOLOGY**	**32,931**	**35,931**	**3,000**
	Program increase – high-thrust gridded ion engine		3,000	
10	**SPACE SECURITY AND DEFENSE PROGRAM**	**56,546**	**66,546**	**10,000**
	Transfer from line 5		10,000	
14	**SPACE RAPID CAPABILITIES OFFICE**	**66,193**	**51,193**	**-15,000**
	Unjustified growth		-15,000	
16	**SPACE SITUATION AWARENESS OPERATIONS**	**56,279**	**52,279**	**-4,000**
	Management services unjustified increase		-4,000	
17	**COUNTERSPACE SYSTEMS**	**38,063**	**31,563**	**-6,500**
	Underexecution		-6,500	
24	**NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE) - EMD**	**221,510**	**184,610**	**-36,900**
	Inadequate justification		-36,900	
30	**TACTICALLY RESPONSIVE LAUNCH**	**0**	**5,000**	**5,000**
	Program increase		5,000	
36	**NARROWBAND SATELLITE COMMUNICATIONS**	**112,012**	**110,012**	**-2,000**
	Analysis of alternatives inadequate justification		-5,000	
	Program increase - L-Band communications		3,000	

R-1		Budget Request	Committee Recommended	Change from Request
40	**SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT**	**18,054**	**13,054**	**-5,000**
	Underexecution		-5,000	
41	**SPACELIFT RANGE SYSTEM (SPACE)**	**11,115**	**16,115**	**5,000**
	Program increase - space launch services and capability		5,000	
47	**NUDET DETECTION SYSTEM (SPACE)**	**45,887**	**33,887**	**-12,000**
	Inadequate justification		-12,000	
48	**SPACE SITUATION AWARENESS OPERATIONS**	**64,763**	**59,763**	**-5,000**
	Underexecution		-5,000	
999	**CLASSIFIED PROGRAMS**	**4,474,809**	**4,064,309**	**-410,500**
	Classified adjustment		-410,500	
	UNDISTRIBUTED REDUCTION		**-3,000**	**-3,000**

SPACE FORCE ACQUISITION

The Committee remains concerned that the Air Force has not taken more aggressive action in addressing longstanding space acquisition issues and has made little progress in defining what the Space Force will be doing that is fundamentally different than when it was a component of the Air Force.

The fiscal year 2022 budget request is the first budget developed by the Space Force since its establishment, yet it includes many of the same type of "big juicy targets" that the current Vice Chairman of the Joint Chiefs of Staff has warned against for at least four years. The Space Force lacks a clear plan which defines its future space architecture and lacks a strategy for how this architecture will be acquired.

The plans for establishing the new acquisition unit, Space Systems Command, consist primarily of renaming the Space and Missile Systems Center and incorporating existing space launch units. The plan does not resolve the fundamental issues of overlap and duplication in roles, responsibilities, and authorities among the various other space acquisition units in the Department of the Air Force.

The Committee believes the Space Force needs a clear and concrete vision for its future system architectures, based not on philosophy but on rigorous technical analysis with executable plans resourced by realistic budgets. Further, the Committee believes the current life-cycle based organizational construct of the Space and Missile Systems Center should be re-examined and encourages the Secretary of the Air Force to consider organizing units around mission-based program areas which correspond to their operational counterparts in Space Operations Command. The Committee also encourages the Secretary of the Air Force to simplify the decision chain from program managers to program executive officers to a service acquisition executive.

The Committee is aware of the significance of these challenges and notes the features that differentiate space acquisition from most other military acquisitions. These include technical complexity, long development timelines, low quantities of production, a unique operating environment, and the degree to which all other military systems fundamentally rely on space as the integrating utility that enables the joint force to project power globally and react decisively.

Overseeing and successfully leading an organization attempting to deliver such technically complex systems is not a part-time job and should not continue to be so. The Committee remains concerned that the Department of the Air Force still does not have a service acquisition executive solely focused on space programs. The Committee believes the Space Force was established to bring greater attention and focus to fixing its acquisition issues because previous attempts to do so did not produce lasting results. Nevertheless, the Committee remains hopeful that with strong new leadership and a greater sense of urgency the Space Force can put its acquisition issues behind it and deliver the capabilities the nation needs.

Therefore, the Committee urges the Secretary of the Air Force to seek a space acquisition professional to serve as the Assistant Secretary of the Air Force for Space Acquisition and Integration and to accelerate the transition of the service acquisition executive authority for space programs to this position at the earliest opportunity. Further, the Committee directs the Secretary of the Air Force to submit to the congressional defense committees, not later than 60 days after the enactment of this Act, a report, including a draft mission directive, which clarifies the roles and responsibilities of senior civilian and uniformed leaders who have space responsibilities, a proposed plan for organizing the acquisition units of the Space Force, and a plan to ensure the Assistant Secretary of the Air Force for Space Acquisition and Integration has the resources, responsibilities, and authorities necessary for success.

SPACE INTEGRATION READINESS REPORT

The Committee notes that the Department of Defense lacks a comprehensive system for measuring the readiness and extent to which space-enabled capabilities, such as satellite communications terminals, Global Positioning System receivers, and other terminals and user equipment, have actually been fielded into weapons platforms and systems designed to use such capabilities. Comprehensive and accurate metrics on the readiness of space-enabled capabilities actually installed in the field will help Department leaders make decisions on priorities for future investment and improve synchronization of plans between the space segment and the user equipment segment. Therefore, the Committee directs the Assistant Secretary of Defense for Space Policy and the Assistant Secretary of the Air Force for Space Acquisition and Integration to jointly develop, in consultation with the Service Secretaries, the Under Secretary of Defense for Personnel and Readiness, and the Director of the Joint Chiefs of Staff, a recommended approach to measure and track the readiness of space-capabilities installed in weapons platforms and other systems fielded. The draft plan on proposed approaches for a space integration readiness report shall be provided to the congressional defense committees not later than 120 days after the enactment of this Act, with a final plan ready to begin implementation submitted one year after the enactment of this Act.

NEXT GENERATION OVERHEAD PERSISTENT INFRARED

The Committee remains concerned about the Next Generation Overhead Persistent Infrared missile warning program. Analysis by the Office of Cost Assessment and Program Evaluation (CAPE) concludes that the schedule to launch the first geosynchronous satellite by 2025 is unrealistic and that the program's cost estimate is overly optimistic. In another independent assessment, the Government Accountability Office (GAO) concludes that despite early risk reduction activities, the program faces significant technical and management challenges that are likely to delay the initial launch by at least a year. Such delays typically result in cost increases. GAO further reports that Space Force officials are tracking numerous schedule risks, while continuing to present stable costs and on-time schedule estimates in reports to the Committee.

The Committee cautions the Space Force that providing unrealistic cost and schedule estimates undermines the credibility of the Space Force's management of this and other programs. Therefore, the Committee directs the Secretary of the Air Force to conduct a thorough review of the program, the acquisition strategy, the realism of its cost and schedule estimates, and the adequacy of plans to mitigate program risks. The Committee directs the Secretary of the Air Force to provide a report to the congressional defense committees, not later than 180 days after the enactment of this Act, summarizing this review, including any recommendations for corrective actions. Further, the Committee directs the Secretary of the Air Force to continue to provide quarterly briefings to the congressional defense committees on the status of the program.

ON-ORBIT SERVICING AND UPGRADE OF STRATEGIC SATCOM

The Committee notes recent advancements in robotic satellite servicing technology, both in government and commercial industry, to support extension of spacecraft mission life, as well as the potential to upgrade and enhance capabilities of systems currently on-orbit. Such a capability holds promise to alter the economics of space by providing options to repair or enhance current capabilities without the full cost of replacement when a spacecraft degrades, has a minor failure, or runs out of propellant. Further, the Committee believes that the ability to upgrade or enhance systems on-orbit provides a previously unavailable path to increase resilience and ease the transition to future capabilities. Therefore, the Committee directs the Secretary of the Air Force to conduct a study to define and validate technical concepts, cost, schedule, risks, and benefits of on-orbit servicing of current strategic communications satellites and evaluate the merits of the concept in providing a transition path for future capabilities. The study shall be submitted to the congressional defense committees not later than 120 days after the enactment of this Act, and may include a classified annex, if necessary.

COMMERCIAL SATELLITE COMMUNICATIONS SYSTEMS

The Committee continues to be supportive of integrating commercial satellite communications capabilities into the national security space communications architecture. Over the past several years, the Air Force has carried out various pilot programs and pathfinder initiatives to explore and assess the tools and acquisition models to integrate commercial satellite communications systems more effectively and efficiently into this architecture. The fiscal year 2022 budget request includes $23,400,000 for commercial satellite communications. The Committee recommendation fully funds this request; however, the Committee requires greater clarity on the goals and strategy for this funding. Therefore, the recommendation prohibits obligation of these funds until the Secretary of the Air Force submits a report to the congressional defense committees, not later than 90 days after the enactment of this Act, which provides a detailed spend plan that addresses the tools needed to advance the operational integration of commercial satellite communications into a hybrid enterprise management system for space communications, and what acquisition models will be

used to facilitate cost effective and efficient purchase of commercial satellite communications.

SPACE SECURITY AND DEFENSE PROGRAM

The budget request includes $56,546,000 for the Space Security and Defense Program (SSDP), which was established in 2013 by the Deputy Secretary of Defense and Principal Deputy Director for National Intelligence as a joint activity of the Department of Defense and the Intelligence Community. The SSDP was chartered to develop and assess options and strategies for a more resilient national security space enterprise. The SSDP conducts studies, analysis, modeling, warfighter engagements, and prototype experimentation for more resilient space architectures as well as new space warfighting and force design concepts. The Committee supports the work the SSDP is undertaking across the national security space community to understand the threats and provide recommendations on how to best respond.

The budget request also includes $37,000,000 for a new program to establish a unit within the Space Force, the Space Warfare Analysis Center, which is chartered, much like the SSDP, to conduct analysis, modeling, wargaming, and experimentation to create operational concepts. The Committee understands that space is a potential warfighting domain and the scope of work currently conducted may need to be expanded and tailored to more fully define the requirements, systems, and operational concepts to meet this specialized mission. However, the Committee is not persuaded that an additional, separate analysis unit that overlaps with the SSDP is necessary or that this work could not be carried out by the existing SSDP. Therefore, the recommendation provides no funding for the Space Warfare Analysis Center and provides $66,546,000 for the SSDP, an increase of $10,000,000, to expand the scope of its activities to support the space warfighter analysis tasks. Further, the Committee directs the Director of the SSDP to brief the congressional defense committees, not later than 90 days after the enactment of this Act, on the proposed workplan of the SSDP for the next two years, and specifically, its plan to address the space warfare analysis requirements of the Space Force.

LASER THREATS TO LOW-ORBIT SATELLITES

The Committee is concerned by the growing threats posed by ground-based lasers capable of damaging or destroying sensitive space sensors in low-orbit, and the lack of a coordinated strategy to understand this threat and develop concepts to mitigate its risks. The Committee directs the Secretary of Defense, in coordination with the Director of National Intelligence and other stakeholders across the national security community, to provide a plan to collect, consolidate, and characterize laser threat activity data of potential adversaries, and to develop strategies to mitigate these threats. This plan shall be submitted to the congressional defense committees not later than 120 days after the enactment of this Act and may include a classified annex, if necessary.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE WIDE

Fiscal year 2022 budget request	$25,857,875,000
Committee recommendation	26,239,486,000
Change from budget request	+381,611,000

The Committee recommends an appropriation of $26,239,486,000 for Research, Development, Test and Evaluation, Defense-Wide which will provide the following program in fiscal year 2022:

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE			
	BASIC RESEARCH			
1	DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH..	11,828	11,828	---
2	DEFENSE RESEARCH SCIENCES.....	395,781	395,781	---
3	HIGH ENERGY LASER RESEARCH INITIATIVES.....	15,390	15,390	---
4	BASIC RESEARCH INITIATIVES.....	39,828	52,828	+13,000
5	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.....	76,018	71,018	-5,000
6	NATIONAL DEFENSE EDUCATION PROGRAM.....	112,195	116,195	+4,000
7	HISTORICALLY BLACK COLLEGES & UNIV (HBCU).....	31,136	85,000	+53,864
8	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	34,708	34,708	---
	TOTAL, BASIC RESEARCH.....	716,884	782,748	+65,864
	APPLIED RESEARCH			
9	JOINT MUNITIONS TECHNOLOGY.....	19,591	20,591	+1,000
10	BIOMEDICAL TECHNOLOGY.....	108,698	108,698	---
12	DEFENSE TECHNOLOGY INNOVATION.....	22,918	11,459	-11,459
13	LINCOLN LABORATORY RESEARCH PROGRAM.....	55,692	55,692	---
14	APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES.....	65,015	59,187	-5,828
15	INFORMATION AND COMMUNICATIONS TECHNOLOGY.....	430,363	430,363	---
16	BIOLOGICAL WARFARE DEFENSE.....	31,421	31,421	---
17	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	206,956	209,956	+3,000
18	CYBER SECURITY RESEARCH.....	15,380	25,380	+10,000
19	TACTICAL TECHNOLOGY.....	202,515	192,515	-10,000
20	MATERIALS AND BIOLOGICAL TECHNOLOGY.....	317,024	299,024	-18,000
21	ELECTRONICS TECHNOLOGY.....	357,384	345,384	-12,000
22	COUNTER WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.....	197,011	197,011	---
23	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	9,601	9,601	---
24	HIGH ENERGY LASER RESEARCH.....	45,997	45,997	---
25	SOF TECHNOLOGY DEVELOPMENT.....	44,829	46,329	+1,500
	TOTAL, APPLIED RESEARCH.....	2,130,395	2,088,608	-41,787
	ADVANCED TECHNOLOGY DEVELOPMENT			
26	JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	23,213	23,213	---
27	SO/LIC ADVANCED DEVELOPMENT.....	4,665	4,665	---
28	COMBATING TERRORISM TECHNOLOGY SUPPORT.....	69,376	141,876	+72,500
29	FOREIGN COMPARATIVE TESTING.....	25,432	25,432	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
31	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT	399,362	399,362	---
32	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	15,800	15,800	---
33	ADVANCED RESEARCH	21,466	21,466	---
34	JOINT HYPERSONIC TECHNOLOGY DEVELOPMENT &TRANSITION	51,340	51,340	---
35	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	19,063	19,063	---
36	ADVANCED AEROSPACE SYSTEMS	174,043	174,043	---
37	SPACE PROGRAMS AND TECHNOLOGY	101,524	101,524	---
38	ANALYTIC ASSESSMENTS	24,012	22,603	-1,409
39	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	51,513	46,513	-5,000
42	DEFENSE MODERNIZATION AND PROTOTYPING	115,443	120,043	+4,600
43	DEFENSE INNOVATION UNIT	31,873	26,849	-5,024
44	TECHNOLOGY INNOVATION	54,433	35,433	-19,000
45	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV	197,824	197,824	---
46	RETRACT LARCH	99,175	99,175	---
47	JOINT ELECTRONIC ADVANCED TECHNOLOGY	18,221	18,221	---
48	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	102,669	86,664	-16,005
49	NETWORKED COMMUNICATIONS CAPABILITIES	2,984	2,984	---
50	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	134,022	211,667	+77,645
51	MANUFACTURING TECHNOLOGY PROGRAM	37,543	62,543	+25,000
53	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	12,418	12,418	---
54	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	51,863	81,863	+30,000
55	MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT	160,821	165,821	+5,000
56	JOINT WARFIGHTING PROGRAM	2,169	2,169	---
57	ADVANCED ELECTRONICS TECHNOLOGIES	116,716	116,716	---
58	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	251,794	251,794	---
59	NETWORK-CENTRIC WARFARE TECHNOLOGY	584,771	605,771	+21,000
60	SENSOR TECHNOLOGY	294,792	274,792	-20,000
61	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT	6,398	6,398	---
62	SOFTWARE ENGINEERING INSTITUTE	14,677	14,677	---
65	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	107,397	107,397	---
66	TEST & EVALUATION SCIENCE & TECHNOLOGY	267,161	257,114	-10,047
67	NATIONAL SECURITY INNOVATION NETWORK	21,270	31,270	+10,000
68	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	74,300	71,400	-2,900
74	SOF ADVANCED TECHNOLOGY DEVELOPMENT	93,415	97,415	+4,000

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
75	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT.	172,638	172,638	---
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT.....	4,007,596	4,177,956	+170,360
	ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES			
76	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	28,687	28,687	---
77	WALKOFF.....	108,652	108,652	---
79	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	71,429	91,429	+20,000
80	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT....	277,949	213,382	-64,567
81	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT...	745,144	740,144	-5,000
82	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	129,445	129,445	---
83	BALLISTIC MISSILE DEFENSE SENSORS.....	224,750	224,750	---
84	BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS.....	595,301	587,051	-8,250
85	SPECIAL PROGRAMS - MDA.....	413,374	390,216	-23,158
86	AEGIS BMD.....	732,512	633,549	-98,963
87	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT.....	603,448	580,948	-22,500
88	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT....	50,594	50,594	---
89	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).....	52,403	52,403	---
90	REGARDING TRENCH.....	11,952	11,952	---
91	SEA BASED X-BAND RADAR (SBX).....	147,241	147,241	---
92	ISRAELI COOPERATIVE PROGRAMS.....	300,000	300,000	---
93	BALLISTIC MISSILE DEFENSE TEST.....	362,906	362,906	---
94	BALLISTIC MISSILE DEFENSE TARGETS.....	553,334	548,784	-4,550
96	COALITION WARFARE.....	5,103	5,103	---
97	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).....	374,665	374,665	---
98	DEPARTMENT OF DEFENSE CORROSION PROGRAM.....	3,259	3,259	---
99	GUAM DEFENSE DEVELOPMENT.....	78,300	62,400	-15,900
103	HYPERSONIC DEFENSE.....	247,931	247,931	---
104	ADVANCED INNOVATIVE TECHNOLOGIES.....	716,456	731,456	+15,000
105	TRUSTED AND ASSURED MICROELECTRONICS.....	509,195	595,695	+86,500
106	RAPID PROTOTYPING PROGRAM.....	103,575	86,075	-17,500
107	DEFENSE INNOVATION UNIT (DIU) PROTOTYPING.....	11,213	11,213	---
108	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.....	2,778	2,778	---
109	CATAPULT.....	7,166	7,166	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
110	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT - NON S&T...	23,200	23,200	---
111	HOMELAND DEFENSE RADAR-HAWAII.....	---	75,000	+75,000
113	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)....	3,519	3,519	---
114	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY.....	17,439	17,439	---
115	LONG RANGE DISCRIMINATION RADAR.....	133,335	133,335	---
116	IMPROVED HOMELAND DEFENSE INTERCEPTORS.....	926,125	926,125	---
117	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.....	32,697	32,697	---
118	AEGIS BMD TEST.....	117,055	111,255	-5,800
119	BALLISTIC MISSILE DEFENSE SENSOR TEST.....	77,428	77,428	---
120	LAND-BASED SM-3 (LBSM3).....	43,158	43,158	---
121	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT TEST.....	61,424	61,424	---
122	SAFETY PROGRAM MANAGEMENT.....	2,323	2,323	---
123	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS.....	2,568	2,568	---
125	CYBER SECURITY INITIATIVE.....	1,142	1,142	---
126	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING.....	636,179	621,179	-15,000
127	SPACE TRACKING AND SURVEILLANCE SYSTEM.....	15,176	15,176	---
128	BALLISTIC MISSILE DEFENSE SYSEM SPACE PROGRAMS.....	292,811	292,811	---
	TOTAL, DEMONSTRATION & VALIDATION.....	9,854,341	9,769,653	-84,688
	ENGINEERING & MANUFACTURING DEVELOPMENT			
129	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT..	5,682	5,682	---
131	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	299,848	299,848	---
132	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	9,345	9,345	---
133	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.....	14,063	14,063	---
134	INFORMATION TECHNOLOGY DEVELOPMENT.....	4,265	4,265	---
135	HOMELAND PERSONNEL SECURITY INITIATIVE.....	7,205	7,205	---
136	DEFENSE EXPORTABILITY PROGRAM.....	5,447	5,447	---
137	OUSD(C) IT DEVELOPMENT INITIATIVES.....	16,892	14,792	-2,100
138	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION..	679	679	---
140	DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM.....	32,254	32,254	---
142	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS).....	5,500	5,500	---
143	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES.....	7,148	7,148	---
144	TRUSTED & ASSURED MICROELECTRONICS.....	113,895	113,895	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
146	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	3,991	3,991	---
149	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)	2,227	2,227	---
150	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION	20,246	20,246	---
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	548,687	546,587	-2,100
	MANAGEMENT SUPPORT			
151	JOINT CAPABILITY EXPERIMENTATION	8,444	8,444	---
152	DEFENSE READINESS REPORTING SYSTEM (DRRS)	7,508	7,508	---
153	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	7,859	7,859	---
154	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT	550,140	544,890	-5,250
155	ASSESSMENTS AND EVALUATIONS	17,980	17,980	---
156	MISSION SUPPORT	73,145	73,145	---
157	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	71,410	71,410	---
159	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION	52,671	52,671	---
160	CLASSIFIED PROGRAM USD(P)	---	128,300	+128,300
161	SYSTEMS ENGINEERING	40,030	40,030	---
162	STUDIES AND ANALYSIS SUPPORT	4,612	4,612	---
163	NUCLEAR MATTERS - PHYSICAL SECURITY	14,429	14,429	---
164	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	4,759	4,759	---
165	GENERAL SUPPORT TO USD (INTELLIGENCE)	1,952	6,202	+4,250
166	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	110,503	115,503	+5,000
172	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER	3,639	3,639	---
173	MAINTAINING TECHNOLOGY ADVANTAGE	25,889	25,889	---
174	DEFENSE TECHNOLOGY ANALYSIS	39,774	32,274	-7,500
175	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	61,453	61,453	---
176	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	18,762	18,762	---
177	DEVELOPMENT TEST AND EVALUATION	27,366	27,366	---
178	MANAGEMENT HQ - R&D	12,740	12,740	---
179	MANAGEMENT HQ - DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	3,549	3,549	---
180	BUDGET AND PROGRAM ASSESSMENTS	15,438	13,994	-1,444
181	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	2,897	2,897	---
182	DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT	918	918	---
183	CYBER RESILIENCY AND CYBERSECURITY POLICY	31,638	31,638	---
184	DEFENSE OPERATIONS SECURITY (DOSI)	2,925	2,925	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
185	JOINT STAFF ANALYTICAL SUPPORT	977	977	---
186	C4I INTEROPERABILITY	55,361	55,361	---
189	INFORMATION SYSTEMS SECURITY PROGRAM	853	853	---
191	DEFENSE MILITARY DECEPTION PROGRAM OFFICE	969	969	---
192	COMBINED ADVANCED APPLICATIONS	15,696	15,696	---
194	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,073	3,073	---
197	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION	29,530	29,530	---
198	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI)	689	689	---
199	MANAGEMENT HEADQUARTERS - MDA	24,102	24,102	---
200	JOINT SERVICE PROVIDER (JSP)	2,645	2,645	---
9999	CLASSIFIED PROGRAMS	37,520	37,520	---
	TOTAL, RDT&E MANAGEMENT SUPPORT	1,383,845	1,507,201	+123,356
	OPERATIONAL SYSTEMS DEVELOPMENT			
202	ENTERPRISE SECURITY SYSTEM (ESS)	5,355	5,355	---
203	JOINT ARTIFICIAL INTELLIGENCE	10,033	---	-10,033
206	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	58,189	187,739	+129,550
207	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT	18,721	18,721	---
208	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT	7,398	7,398	---
209	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT)	58,261	58,261	---
215	DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION	16,233	16,233	---
216	LONG HAUL COMMUNICATIONS (DCS)	10,275	10,275	---
217	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	4,892	4,892	---
218	KEY MANAGEMENT INFRASTRUCTURE (KMI)	83,751	83,751	---
219	INFORMATION SYSTEMS SECURITY PROGRAM	49,191	49,191	---
220	INFORMATION SYSTEMS SECURITY PROGRAM	423,745	447,745	+24,000
221	INFORMATION SYSTEMS SECURITY PROGRAM	5,707	5,707	---
222	GLOBAL COMMAND AND CONTROL SYSTEM	4,150	4,150	---
223	DEFENSE SPECTRUM ORGANIZATION	19,302	19,302	---
224	JOINT REGIONAL SECURITY STACKS (JRSS)	9,342	9,342	---
226	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY	15,326	15,326	---
232	SECURITY AND INVESTIGATIVE ACTIVITIES	8,800	8,800	---
235	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	3,820	3,820	---
237	POLICY R&D PROGRAMS	4,843	4,843	---

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

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
238	NET CENTRICITY	13,471	13,471	---
240	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	5,994	5,994	---
246	INSIDER THREAT	---	3,000	+3,000
247	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	1,273	1,273	---
255	LOGISTICS SUPPORT ACTIVITIES	1,690	1,690	---
256	PACIFIC DISASTER CENTERS	1,799	1,799	---
257	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	6,390	6,390	---
259	MQ-9 UAV	19,065	19,065	---
261	AVIATION SYSTEMS	173,537	171,537	-2,000
262	INTELLIGENCE SYSTEMS DEVELOPMENT	32,766	30,399	-2,367
263	OPERATIONAL ENHANCEMENTS	145,830	179,230	+33,400
264	WARRIOR SYSTEMS	78,592	78,592	---
265	SPECIAL PROGRAMS	6,486	6,486	---
266	UNMANNED ISR	18,006	18,006	---
267	SOF TACTICAL VEHICLES	7,703	7,703	---
268	MARITIME SYSTEMS	58,430	62,630	+4,200
270	OPERATIONAL ENHANCEMENTS INTELLIGENCE	10,990	10,990	---
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,399,356	1,579,106	+179,750
999	CLASSIFIED PROGRAMS	5,208,029	5,189,385	-18,644
272	JOINT ARTIFICIAL INTELLIGENCE	186,639	186,639	---
273	NATIONAL BACKGROUND INVESTIGATION SERVICES - SOFTWARE PILOT PROGRAM	123,570	123,570	---
274	ACQUISITION VISIBILITY - SOFTWARE PILOT PROGRAM	18,307	18,307	---
275	GLOBAL COMMAND AND CONTROL SYSTEM	32,774	32,774	---
276	ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS - SOFTWARE PILOT PROGRAM	247,452	238,952	-8,500
	UNDIST	---	-2,000	-2,000
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVALUATION, DEFENSE-WIDE	25,857,875	26,239,486	+381,611

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		Budget Request	Committee Recommended	Change from Request
4	**BASIC RESEARCH INITIATIVES**	**39,828**	**52,828**	**13,000**
	Program increase - Minerva		8,000	
	Program increase - DEPSCOR		5,000	
5	**BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE**	**76,018**	**71,018**	**-5,000**
	Project increase - novel analytical and empirical approaches to the prediction and monitoring of disease transmission		1,500	
	Unjustified growth		-6,500	
6	**NATIONAL DEFENSE EDUCATION PROGRAM**	**112,195**	**116,195**	**4,000**
	Program increase - SMART diversification activities		2,000	
	Program increase - civics education		2,000	
7	**HISTORICALLY BLACK COLLEGES & UNIVERSITIES (HBCU) AND MINORITY-SERVING INSTITUTIONS**	**31,136**	**85,000**	**53,864**
	Program increase		53,864	
9	**JOINT MUNITIONS TECHNOLOGY**	**19,591**	**20,591**	**1,000**
	Project increase - next generation explosives and propellants		1,000	
12	**DEFENSE TECHNOLOGY INNOVATION**	**22,918**	**11,459**	**-11,459**
	Insufficient justification		-11,459	
14	**APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES**	**65,015**	**59,187**	**-5,828**
	Excess growth		-5,828	
17	**CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM**	**206,956**	**209,956**	**3,000**
	Program increase - tularemia medical countermeasure		3,000	
18	**CYBER SECURITY RESEARCH**	**15,380**	**25,380**	**10,000**
	Program increase - academic cyber institutes		10,000	
19	**TACTICAL TECHNOLOGY**	**202,515**	**192,515**	**-10,000**
	Underexecution		-10,000	
20	**MATERIALS AND BIOLOGICAL TECHNOLOGY**	**317,024**	**299,024**	**-18,000**
	Unjustified increase		-18,000	
21	**ELECTRONICS TECHNOLOGY**	**357,384**	**345,384**	**-12,000**
	Underexecution		-12,000	
25	**SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT**	**44,829**	**46,329**	**1,500**
	Program increase - LRUSV asymmetric strike and decoy package		1,500	

R-1		Budget Request	Committee Recommended	Change from Request
28	**COMBATING TERRORISM TECHNOLOGY SUPPORT**	**69,376**	**141,876**	**72,500**
	Program increase - anti-tunneling		47,500	
	Program increase - cooperative C-UAS development		25,000	
38	**ANALYTIC ASSESSMENTS**	**24,012**	**22,603**	**-1,409**
	Inadequate justification		-1,409	
39	**ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS**	**51,513**	**46,513**	**-5,000**
	Unjustified growth		-5,000	
42	**DEFENSE MODERNIZATION AND PROTOTYPING**	**115,443**	**120,043**	**4,600**
	Program increase - emerging capabilities technology development hypersonics modeling and simulation center of excellence		4,600	
43	**DEFENSE INNOVATION UNIT (DIU)**	**31,873**	**26,849**	**-5,024**
	Unjustified increase		-5,024	
44	**TECHNOLOGY INNOVATION**	**54,433**	**35,433**	**-19,000**
	Unjustified growth		-19,000	
48	**JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS**	**102,669**	**86,664**	**-16,005**
	Excess growth		-16,005	
50	**DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM**	**134,022**	**211,667**	**77,645**
	Project increase - cybersecurity manufacturing innovation park		1,000	
	Project increase - automation engineering technology program		1,981	
	Project increase - El Paso Makes contract support for El Paso manufacturers		964	
	Program increase		9,000	
	Program increase - difficult-to-copy manufacturing		7,000	
	Program increase - certification-based workforce training		6,200	
	Program increase - silicon based lasers		10,000	
	Program increase - carbon composites for hypersonics		3,000	
	Program increase - high temperature carbon composites manufacturing		3,000	
	Program increase - hypersonic enabling additive manufacturing		10,000	
	Program increase - hypersonic thermal management research		5,000	
	Program increase - advanced manufacturing		2,000	
	Program increase - advanced materials and materials manufacturing processes		6,000	
	Program increase - HPC enabled advanced manufacturing		5,000	
	Program increase - domestic textile manufacturing		7,500	
51	**MANUFACTURING TECHNOLOGY PROGRAM**	**37,543**	**62,543**	**25,000**
	Program increase - steel performance initiative		10,000	
	Program increase - supply chain for readiness and sustainment		8,000	
	Program increase - rare earth recovery technology		2,000	
	Program increase - conversion of titanium scrap		5,000	
54	**STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM**	**51,863**	**81,863**	**30,000**
	Program increase - PFAS remediation and disposal technology		15,000	
	Program increase - AFFF replacement, disposal, and cleanup technology		15,000	

R-1		Budget Request	Committee Recommended	Change from Request
55	**MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT**	**160,821**	**165,821**	**5,000**
	Program increase - qualified discrete parts		5,000	
59	**NETWORK-CENTRIC WARFARE TECHNOLOGY**	**584,771**	**605,771**	**21,000**
	Program increase - deployable surveillance systems		21,000	
60	**SENSOR TECHNOLOGY**	**294,792**	**274,792**	**-20,000**
	Unjustified growth		-20,000	
66	**TEST & EVALUATION SCIENCE & TECHNOLOGY**	**267,161**	**257,114**	**-10,047**
	Excess growth		-20,047	
	Program increase - space testing facilities		10,000	
67	**NATIONAL SECURITY INNOVATION NETWORK**	**21,270**	**31,270**	**10,000**
	Program increase		10,000	
68	**OPERATIONAL ENERGY CAPABILITY IMPROVEMENT**	**74,300**	**71,400**	**-2,900**
	Excess growth		-2,900	
74	**SOF ADVANCED TECHNOLOGY DEVELOPMENT**	**93,415**	**97,415**	**4,000**
	Project increase - assessing and tracking tactical forces initiative		4,000	
79	**ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM**	**71,429**	**91,429**	**20,000**
	Program increase - PFAS remediation and disposal technology		15,000	
	Program increase - AFFF replacement, disposal, and cleanup technology		5,000	
80	**BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT**	**277,949**	**213,382**	**-64,567**
	Unjustified growth - THAAD LHD lack of validated requirement and acquisition strategy		-64,567	
81	**BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT**	**745,144**	**740,144**	**-5,000**
	Unjustified growth - ground support and fire control LHD lack of validated requirement and acquisition strategy		-5,000	
84	**BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS**	**595,301**	**587,051**	**-8,250**
	Unjustified growth - LHD lack of validated requirement and acquisition strategy		-8,250	
85	**SPECIAL PROGRAMS - MDA**	**413,374**	**390,216**	**-23,158**
	Program adjustment		-23,158	
86	**AEGIS BMD**	**732,512**	**633,549**	**-98,963**
	Unjustified growth - AEGIS LHD lack of validated requirement and acquisition strategy		-98,963	
87	**BALLISTIC MISSILE DEFENSE C2BMC**	**603,448**	**580,948**	**-22,500**
	Unjustified growth - LHD lack of validated requirement and acquisition strategy		-22,500	

R-1	Budget Request	Committee Recommended	Change from Request
94 BMD TARGETS	**553,334**	**548,784**	**-4,550**
Unjustified growth - LHD lack of validated requirement and acquisition strategy		-4,550	
99 GUAM DEFENSE DEVELOPMENT	**78,300**	**62,400**	**-15,900**
Unjustified growth		-15,900	
104 ADVANCED INNOVATIVE TECHNOLOGIES	**716,456**	**731,456**	**15,000**
Program increase - mobile nuclear microreactor		15,000	
105 TRUSTED & ASSURED MICROELECTRONICS	**509,195**	**595,695**	**86,500**
Program increase - radiation-hardened fully-depleted silicon-on-insulator microelectronics		18,000	
Program increase - GaN and GaAs RFIC technology		25,000	
Program increase - advanced node radiation hardened fully depleted silicon-on-insulator technology		43,500	
106 RAPID PROTOTYPING PROGRAM	**103,575**	**86,075**	**-17,500**
Unjustified increase		-17,500	
111 HOMELAND DEFENSE RADAR - HAWAII	**0**	**75,000**	**75,000**
HDR-H funding restoration		75,000	
118 AEGIS BMD TEST	**117,055**	**111,255**	**-5,800**
Unjustified growth - AEGIS LHD test funding early to need		-5,800	
126 SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	**636,179**	**621,179**	**-15,000**
Unjustified growth		-15,000	
137 OUSD(C) IT DEVELOPMENT INITIATIVES	**16,892**	**14,792**	**-2,100**
Excess growth		-2,100	
154 CENTRAL TEST & EVAL INVESTMENT DEVELOPMENT	**550,140**	**544,890**	**-5,250**
Unjustified increase		-34,750	
Program increase - hypersonic test facilities		29,500	
160 CLASSIFIED PROGRAM USD(P)	**0**	**128,300**	**128,300**
Classified adjustment		128,300	
165 GENERAL SUPPORT TO USD (INTELLIGENCE)	**1,952**	**6,202**	**4,250**
Program increase - applied research laboratory for intelligence and security		4,250	
166 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	**110,503**	**115,503**	**5,000**
Program increase - biological weapons testing		5,000	
174 DEFENSE TECHNOLOGY ANALYSIS	**39,774**	**32,274**	**-7,500**
Excess growth		-7,500	

R-1		Budget Request	Committee Recommended	Change from Request
180	**BUDGET AND PROGRAM ASSESSMENTS**	**15,438**	**13,994**	**-1,444**
	Unjustified increase		-1,444	
203	**JOINT ARTIFICIAL INTELLIGENCE**	**10,033**	**0**	**-10,033**
	Inadequate justification		-10,033	
206	**INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT**	**58,189**	**187,739**	**129,550**
	Project increase - systems engineering technician education initiative		550	
	Program increase		10,000	
	Program increase - digital thread manufacturing demonstration		8,000	
	Program increase - heavy rare earth elements program		9,000	
	Program increase - rare earth separation technologies		4,000	
	Program increase - career and technical education pilot		10,000	
	Program increase - digital engineering enabled workforce development		7,000	
	Program increase - enhanced digital capabilities		7,000	
	Program increase - ruggedized transceivers		10,000	
	Program increase - freeze dried plasma		10,000	
	Program increase - submarine workforce development		20,000	
	Program increase - resilient manufacturing ecosystem		2,500	
	Program increase - lead-free electronics		7,500	
	Program increase - precision optics manufacturing		4,000	
	Program increase - machine tooling and advanced manufacturing		4,500	
	Program increase - metal-organic frameworks		7,500	
	Program increase - weldable ultra hard armor		3,000	
	Program increase - pilot mask technology		5,000	
220	**INFORMATION SYSTEMS SECURITY PROGRAM**	**423,745**	**447,745**	**24,000**
	Program increase - cyber institutes at senior military colleges		24,000	
246	**INSIDER THREAT**	**0**	**3,000**	**3,000**
	Program increase		3,000	
261	**SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEVELOPMENT**	**173,537**	**171,537**	**-2,000**
	PSP HEL program decrease		-2,000	
262	**SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT**	**32,766**	**30,399**	**-2,367**
	MMP program decrease		-2,367	
263	**SOF OPERATIONAL ENHANCEMENTS**	**145,830**	**179,230**	**33,400**
	Program increase - classified adjustment		12,000	
	Program increase - AISUM		21,400	
268	**SOF MARITIME SYSTEMS**	**58,430**	**62,630**	**4,200**
	Program increase - diver propulsion		4,200	
276	**ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS - SOFTWARE PILOT PROGRAM**	**247,452**	**238,952**	**-8,500**
	Unjustified growth		-8,500	

R-1	Budget Request	Committee Recommended	Change from Request
999 **CLASSIFIED PROGRAMS**	**5,208,029**	**5,189,385**	**-18,644**
Classified adjustment		-18,644	
UNDISTRIBUTED REDUCTION		**-2,000**	**-2,000**

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. In the Department of Defense Appropriations Act, 2021, the Committee encouraged 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. 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.

NEXT-GENERATION NEUROTECHNOLOGY

The Committee notes the success of the Next-Generation Nonsurgical Neurotechnology program by the Defense Advanced Research Projects Agency (DARPA) which aims to develop high-performance brain-machine interfaces for able-bodied servicemembers without requiring the implantation of electrodes directly into the brain. The program also has the opportunity to help wounded warriors regain independence without invasive surgery by providing new clinical opportunities in areas such as controlling their own limbs via muscle stimulation and rehabilitation, stroke interventions, and overcoming tinnitus. The Committee believes that continued collaboration between DARPA and the Department of Veterans Affairs has the potential to develop and test neurotechnology for veteran movement rehabilitation and other clinical treatments. The Committee encourages the Director of DARPA to collaborate with the Secretary of Veterans Affairs to identify and develop opportunities to improve quality of life for disabled veterans via DARPA's minutely invasive and noninvasive brain computer interfaces.

SUPPLY CHAIN RISK MANAGEMENT

The Committee notes that Sections 845 and 847 of the National Defense Authorization Act for Fiscal Year 2020 require the Department of Defense to use technology and analytic tools to expand efforts to identify, mitigate, and monitor supply chain risks, including foreign ownership, control, and influence across the classified and unclassified defense industrial base. The Defense Counterintelligence and Security Agency's Critical Technology Protection Directorate supports the Department's efforts to comply with these new requirements for protecting supply chains aimed at further reducing defense industrial base risks.

The Committee directs the Under Secretary of Defense for Intelligence and Security to provide a report to the House and Senate Appropriations Committees not later than 60 days after the enactment of this Act that enumerates and discusses the distinct ana-

lytic tools and innovative technological enhancements in which the DCSA is investing to assess, mitigate, and continuously monitor foreign ownership, control, and influence in Department of Defense contracts and subcontracts.

USING TECHNOLOGY TO HELP SMALL BUSINESSES ACHIEVE SUPPLY CHAIN CERTIFICATIONS

The Committee encourages the Secretary of Defense to evaluate whether artificial intelligence technology, in combination with open-source intelligence, can increase the Department's visibility into the supply-chain lineage of software and hardware. The Committee is hopeful that this evaluation could eventually provide smaller businesses an affordable option for achieving the supply chain certifications that are required for contractors and subcontractors in the defense industrial base.

GEOSPATIAL ANALYTICS PLATFORM FOR ENHANCED INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE CAPABILITIES

The Committee supports the efforts made by the Department of Defense and the Intelligence Community to use innovative technologies such as those that employ artificial intelligence and machine learning to maximize and enhance intelligence, surveillance, and reconnaissance capabilities. Regardless, the deluge of data generated by new and existing commercial and government assets increasingly inundates the analytical cadre and, by extension, senior leadership within the Department and Intelligence Community. The Committee is aware of new and innovative commercial platforms that automate computer vision applications and data interpretations of satellite and other imagery for rapid and effective decision-making. The Committee encourages the Secretary of Defense and the Director of National Intelligence to explore commercially available custom computer vision algorithms on commercial, both classified and unclassified, data sets to minimize analytic burden.

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 recommendation includes $10,000,000 to develop 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 Committee directs the Deputy Assistant Secretary of Defense for Industrial Policy to submit a report to the House and Senate Appropriations Committees not later than 120 days after the enactment of this Act on the priorities for this pilot program relative to other defense manufacturing education and workforce development programs. The report shall list current education and workforce

programs and associated funding levels in the Defense Manufacturing Community Support Program, Industrial Base Analysis and Sustainment, Manufacturing Innovation Institutes, and National Defense Education Program.

DIGITAL ENGINEERING ENABLED WORKFORCE DEVELOPMENT

The Committee recognizes the critical need to train and educate the defense industrial base workforce to ensure a more resilient and secure supply chain of aircraft systems, decoys, drones, missiles, and other defense and commercial aerospace applications. Advanced digital technology, engineering services, and technical support is essential to meet current and future workforce demands. The Committee recommendation includes $7,000,000 above the request to deploy advanced digital engineering technology, provide engineering support, and provide workforce education to effectively enable manufacturing and delivery of such systems and subsystems.

OFFICE OF RESEARCH AND ENGINEERING, OFFICE OF PERSONNEL AND READINESS—UTILIZING RESEARCH AND DEVELOPMENT GRANTS FOR RECRUITMENT

The Committee recognizes an opportunity for the Department of Defense to utilize its investments in research and development to recruit undergraduate students, graduate students, post-doctoral researchers, academic faculty and researchers, and industry researchers for civilian and military hard-to-fill positions across the Department of Defense. The Committee directs the Under Secretary of Defense for Research and Engineering to submit a report to the House and Senate Appropriations Committees not later than 120 days after the enactment of this Act on programs and funding applied to recruitment of students and researchers for civilian and military hard-to-fill positions throughout the Department of Defense; the return on investment from those efforts; the utilization of grants for such efforts; and plans to increase or enhance recruitment of students and researchers for positions identified as hard-to-fill by utilizing grants or some other means.

COMMERCIAL SATELLITE IMAGERY

The Committee notes the increasing availability and value of high-quality commercial satellite imagery to support a wide range of national security applications, including intelligence, military operations, disaster relief and response, and scientific research. However, the Committee is concerned that the federal government is not adequately leveraging its buying power to ensure the best value and is not minimizing the redundancy and duplication of purchases across all departments, agencies, and offices, including government-sponsored activities at non-profit organizations and academic institutions.

Therefore, the Committee directs the Comptroller General to provide a report to the congressional defense committees, not later than 180 days after the enactment of this Act, with an inventory of contracts for commercial imagery products and services across the national security community; a determination of the effectiveness of coordination on procurements for these products and serv-

ices; an identification of any areas where there is duplication or redundant procurements; and recommendations on actions to improve the coordination, efficiency, and effectiveness of procurements for commercial satellite imagery and related services.

DOMESTIC SOURCING OF CRITICAL MINERALS

The Committee recognizes that battery metals are a critical resource for the domestic defense industrial base and that other countries, including China, are investing state funds to grow their own lithium-ion battery supply chains. The Committee directs the Under Secretary of Defense for Acquisition and Sustainment to develop a needs assessment study for the domestic sourcing of critical battery metals, including lithium, cobalt, and nickel, and submit a report to the congressional defense committees on findings from the assessment not later than 180 days after the enactment of this Act.

WOMEN AND MINORITIES IN STEM PIPELINE

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, particularly for women and minorities. The Committee encourages the Under Secretary of Defense for Research and Engineering to continue these efforts by partnering with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions on research, fellowships, internships, and cooperative work experiences at defense laboratories. Additionally, the Committee encourages the Under Secretary of Defense for Research and Engineering to collaborate with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions to build a pipeline for scientists and engineers to enter the cyber workforce upon graduation.

BIO-BASED CHEMICALS FOR CORROSION CONTROL

The Committee encourages the Under Secretary of Defense for Research and Engineering to test and evaluate domestically manufactured, bio-based chemicals for corrosion control and mitigation as alternatives to environmentally harmful phosphate-based chemicals sourced primarily from foreign entities.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Fiscal year 2022 budget request	$216,591,000
Committee recommendation	216,591,000
Change from budget request	– – –

The Committee recommends an appropriation of $216,591,000 for Operational Test and Evaluation, Defense which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATIONAL TEST AND EVALUATION	105,394	105,394	0
LIVE FIRE TESTING	68,549	68,549	0
OPERATIONAL TEST ACTIVITIES AND ANALYSIS	42,648	42,648	0
TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE	216,591	216,591	0

TITLE V

REVOLVING AND MANAGEMENT FUNDS

DEFENSE WORKING CAPITAL FUNDS

Fiscal year 2022 budget request	$1,902,000,000
Committee recommendation	1,902,000,000
Change from budget request	– – –

The Committee recommends an appropriation of $1,902,000,000 for the Defense Working Capital Funds accounts which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
WORKING CAPITAL FUND, ARMY	384,711	384,711	0
Industrial Operations	26,935	26,935	
Supply Management	357,776	357,776	
WORKING CAPITAL FUND, NAVY	150,000	150,000	0
Supply Management	150,000	150,000	
WORKING CAPITAL FUND, AIR FORCE	77,453	77,453	0
Supply Management	77,453	77,453	
WORKING CAPITAL FUND, DEFENSE WIDE	127,765	127,765	0
Energy Management	40,000	40,000	
Supply Chain Management	87,765	87,765	
DEFENSE WORKING CAPITAL FUND, DECA	1,162,071	1,162,071	0
TOTAL, DEFENSE WORKING CAPITAL FUNDS	1,902,000	1,902,000	0

TITLE VI

OTHER DEPARTMENT OF DEFENSE PROGRAMS

DEFENSE HEALTH PROGRAM

Fiscal year 2022 budget request	$35,592,407,000
Committee recommendation	36,658,536,000
Change from budget request	+1,066,129,000

The Committee recommends an appropriation of $36,658,536,000 for the Defense Health Program which will provide the following program in fiscal year 2022:

OPERATION AND MAINTENANCE
(DOLLARS IN THOUSANDS)

		BUDGET REQUEST	COMMITTEE RECOMMENDED	CHANGE FROM REQUEST
	DEFENSE HEALTH PROGRAM			
	OPERATION AND MAINTENANCE			
10	IN-HOUSE CARE	9,720,004	9,577,302	-142,702
20	PRIVATE SECTOR CARE	18,092,679	18,032,079	-60,600
30	CONSOLIDATED HEALTH SUPPORT	1,541,122	1,540,522	-600
40	INFORMATION MANAGEMENT	2,233,677	2,233,677	---
50	MANAGEMENT ACTIVITIES	335,138	335,138	---
60	EDUCATION AND TRAINING	333,234	340,734	+7,500
70	BASE OPERATIONS/COMMUNICATIONS	1,926,865	2,004,865	+78,000
	SUBTOTAL, OPERATION AND MAINTENANCE	34,182,719	34,064,317	-118,402
	PROCUREMENT			
150	INITIAL OUTFITTING	20,926	20,926	---
160	REPLACEMENT AND MODERNIZATION	250,366	250,366	---
180	MILITARY HEALTH SYSTEM - DESKTOP TO DATACENTER	72,302	72,302	---
180	DOD HEALTH MANAGEMENT SYSTEM MODERNIZATION	435,414	411,945	-23,469
	SUBTOTAL, PROCUREMENT	779,008	755,539	-23,469
	RESEARCH DEVELOPMENT TEST AND EVALUATION			
80	RESEARCH	9,091	9,091	---
90	EXPLORATORY DEVELOPMENT	75,463	75,463	---
100	ADVANCED DEVELOPMENT	235,556	310,556	+75,000
110	DEMONSTRATION/VALIDATION	142,252	171,252	+29,000
120	ENGINEERING DEVELOPMENT	101,054	101,054	---
130	MANAGEMENT AND SUPPORT	49,645	49,645	---
140	CAPABILITIES ENHANCEMENT	17,619	17,619	---
150	UNDISTRIBUTED MEDICAL RESEARCH	---	1,104,000	+1,104,000
	SUBTOTAL, RESEARCH DEVELOPMENT TEST AND EVALUATION	630,680	1,838,680	+1,208,000
	TOTAL, DEFENSE HEALTH PROGRAM	35,592,407	36,658,536	+1,066,129

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE			
IN-HOUSE CARE	**9,720,004**	**9,577,302**	**-142,702**
Assumptions for care		-27,800	
Medical reform implementation - excess funding to replace military medical end strength		-104,462	
Inadequate justification		-15,440	
Program increase - telehealth for military children and families		5,000	
PRIVATE SECTOR CARE	**18,092,679**	**18,032,079**	**-60,600**
Assumptions for care		-60,600	
CONSOLIDATED HEALTH SUPPORT	**1,541,122**	**1,540,522**	**-600**
Assumptions for care		-14,600	
Program increase - therapeutic service dog training program		14,000	
INFORMATION MANAGEMENT	**2,233,677**	**2,233,677**	**0**
MANAGEMENT ACTIVITIES	**335,138**	**335,138**	**0**
EDUCATION AND TRAINING	**333,234**	**340,734**	**7,500**
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	
BASE OPERATIONS AND COMMUNICATIONS	**1,926,865**	**2,004,865**	**78,000**
Program increase - FSRM		78,000	
TOTAL, OPERATION AND MAINTENANCE	**34,182,719**	**34,064,317**	**-118,402**
PROCUREMENT			
Excess growth		-23,469	-23,469
TOTAL, PROCUREMENT	**779,008**	**755,539**	**-23,469**
RESEARCH AND DEVELOPMENT			
Program increase - clinical research		10,000	
Program increase - Uniformed Services University for Health Sciences military surgical teams simulation technology		5,000	
Program increase - NDMS medical surge pilot		15,000	
Program increase - joint civilian-medical surge facility		14,000	
Program increase - brain injury and disease prevention research		60,000	
Peer-reviewed alcohol and substance use disorders research		4,000	
Peer-reviewed ALS research		40,000	
Peer-reviewed alzheimer 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	

	Budget Request	Committee Recommended	Change from Request
Peer-reviewed cancer research		115,000	
Peer-reviewed Duchenne muscular dystrophy research		10,000	
Peer-reviewed hearing restoration research		10,000	
Peer-reviewed kidney cancer research		50,000	
Peer-reviewed lung cancer research		20,000	
Peer-reviewed lupus research		10,000	
Peer-reviewed melanoma research		40,000	
Peer-reviewed multiple sclerosis research		20,000	
Peer-reviewed orthopedic research		30,000	
Peer-reviewed ovarian cancer research		45,000	
Peer-reviewed pancreatic cancer research		15,000	
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 health research		175,000	
Peer-reviewed tuberous sclerosis complex research		8,000	
Peer-reviewed vision research		20,000	
Global HIV/AIDS prevention		10,000	
HIV/AIDS program increase		18,000	
Joint warfighter medical research		40,000	
Trauma clinical research program		10,000	
Combat readiness medical research		10,000	
TOTAL, RESEARCH AND DEVELOPMENT	**630,680**	**1,838,680**	**1,208,000**

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 budget sub-activity continues to be designated as a congressional special interest item. Any transfer of funds from the In-House Care budget sub-activity into the Private Sector Care budget sub-activity or any other budget sub-activity requires the Secretary of Defense to follow prior approval reprogramming procedures for operation and maintenance funds.

The Committee 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 reports to the congressional defense committees on budget execution data for all Defense Health Program budget activities 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 2022, 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 2021 designated carryover funds to the congressional defense committees not less than 30 days prior to executing the carryover funds.

PEER-REVIEWED CANCER RESEARCH PROGRAMS

The Committee recommends $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, $20,000,000 for the peer-reviewed lung cancer research program, $40,000,000 for the peer-reviewed melanoma 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 $115,000,000 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; neuroblastoma; pediatric brain tumors; pediatric, adolescent, and young adult cancers; sarcoma; stomach cancer; thyroid cancer; and Von Hippel-Lindau cancer. 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 Commanding General, United States Army Medical Research and Development Command, 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 $40,000,000 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 $10,000,000 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; repairing or restoring damaged or missing genitourinary organs and tissue; 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; extracorporeal life support; myalgic encephalomyelitis/chronic fatigue syndrome; regenerative medicine; sarcoidosis; valley fever; complementary health measures to accelerate return to duty; highly infectious disease treatment and transport; preventing and relieving service-related arthritis; and telemedicine.

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.

The Committee notes that 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 continues to direct 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 perform quarterly performance reviews of the Department of Defense electronic health record deployment so that the Committee can further monitor implementation of the system and whether it is meeting predicted costs.

Additionally, the Committee directs the Director of the Interagency Program Office (IPO) to continue to provide quarterly reports on the progress of interoperability between the two Departments to the House and Senate Defense Appropriations Subcommittees and the House and Senate Military Construction, Veterans Affairs, and Related Agencies Appropriations Subcommittees. The Program Executive Office (PEO) for Defense Healthcare Management Systems (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 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.

DESCOPING MILITARY TREATMENT FACILITIES

The Committee notes that the report required by section 703 of the National Defense Authorization Act for Fiscal Year 2017, submitted to Congress in February 2020, communicated the Department's plan to reduce or eliminate healthcare services for dependents and retirees at several military treatment facilities across the country. The Department is revalidating its assumptions in light of the coronavirus pandemic. The Committee questioned the Department's assumptions when the initial report was released, and is interested in the forthcoming conclusions related to the quality and accessibility of private sector care, the cost of changing the venue of care, and the relationship to other reforms, such as reducing the number of military medical billets. The Committee believes that Congress must be a partner in these decisions.

The Committee directs the Assistant Secretary of Defense for Health Affairs, in coordination with the Director of the Defense Health Agency and the Service Surgeons General, to brief the congressional defense committees on the implementation plan prior to the obligation of funds in fiscal year 2022 to close or descope any military treatment facilities, including an update to the market analysis conducted, cost implications, timeline, impact on providers, and benefits or risks to the served population.

REDUCTION OF MILITARY BILLETS

As directed by the National Defense Authorization Act for Fiscal Year 2017, the budget requests for fiscal years 2020 and 2021 included proposals to reduce the number of military medical personnel to increase the number of operational billets required for lethality.

The Department proposed, and the Committee rejected, $250,000,000 in the fiscal year 2020 budget request and $334,613,000 in the fiscal year 2021 budget request to mitigate potential access to care issues caused by the reduction of military providers. In both fiscal years the Committee was willing to continue the dialogue on necessary funding once the analysis by the Services had been completed, and when satisfactory and sufficient details on

the Department's plan to mitigate risk and access to care issues were answered. Despite numerous requests, information was not provided, and the Committee did not appropriate the requested funds. Given the continued lack of details regarding the quality and availability of care for beneficiaries, as well as a negative impact on readiness that may be caused by an unnecessary or potentially dangerous shedding of military medical providers, the Committee once again does not recommend funding the requested amount of $104,462,000 in fiscal year 2022 for the same purpose.

The Committee understands that the military medical manning report required by Section 719 of the National Defense Authorization Act for Fiscal Year 2020 is expected to be delivered to the congressional defense committees during the summer of 2021. This report should respond to questions regarding medical manning requirements for all national defense strategy scenarios, homeland defense mission and pandemic influenza, along with an identification of affected billets and a plan to mitigate potential gaps in health care services caused by realignment or reduction in military medical end strength. While the Committee is cautiously optimistic about the details of this report, proposed reductions to military medical manning is occurring alongside other reforms. As such, the Committee directs the Assistant Secretary of Defense for Health Affairs to submit a report to the congressional defense committees not later than 60 days after the enactment of this Act on the Department's efforts to respond to disturbing reports about the quality and availability of civilian providers, along with other concerns raised in the May 2020 Government Accountability Office evaluation regarding the restructuring plan of military treatment facilities.

METASTATIC CANCER RESEARCH

Research has revealed that there is a genetic basis for susceptibility to metastatic cancer or resistance to metastasis, and the Committee believes that more research is required to develop a comprehensive understanding of this complex process. Clinical trials are an important aspect of that process and a diverse representation of patients in clinical trials is integral to the development of medications and therapies that effectively treat the disease. The Committee encourages the Director, Congressionally Directed Medical Research Program, to continue to partner with outside experts and other federal agencies to implement the 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 (e.g. 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 and directs the Assistant Secretary of Defense for Health Affairs to provide a report to the House and Senate Ap-

propriations Committees not later than 180 days after the enactment of this Act on the progress of implementing the recommendations, including an identification of any barriers to implementation.

MAINTAINING A HIGHLY SKILLED WORKFORCE IN MEDICAL RESEARCH

The Committee encourages the Assistant Secretary of Defense for Health Affairs, the Director of the Defense Health Agency, and the Commander of Army Futures Command to prioritize maintaining a strong workforce of highly-skilled scientists and researchers vital to conducting the medical research necessary to protect warfighters and contribute to the nation-wide response to current and future pandemics.

MENTAL HEALTH PROFESSIONALS

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. The Committee directs the Assistant Secretary of Defense for Health Affairs, in coordination with the Service Surgeons General, to brief the House and Senate Appropriations Committees not later than 180 days after the enactment of this Act on an assessment of eligible beneficiaries' demand for behavioral health services, including services provided through telehealth, and funding required to adequately recruit and retain behavioral health professionals required to meet such demand. The assessment shall include a review of tools, such as pay grade increases, use of special and incentive pays, and the pipeline development of increasing the number of professionals in this field through scholarships or programs through the Uniformed Services University. Additionally, the assessment should include a review of related regulations to determine what impact a change in regulations to allow the employment of clinical psychologists who graduate from schools accredited by the Psychological Clinical Science Accreditation System may have on the Military Health System.

The Committee is aware of the limited use of contract providers to provide cognitive and non-cognitive baselines through end-of-service assessments both individually and for unit readiness. As part of meeting the mental health needs of servicemembers, the Committee encourages the Assistant Secretary of Defense for Health Affairs to assess the viability of expanding this program widely across the Services through the use of contract and embedded providers.

RAPID DEPLOYABLE SYNTHETIC VACCINE DEVELOPMENT

The Committee notes the significant advancements in vaccine development and the need to rapidly distribute countermeasures to combat infectious diseases and virus variants when required for the protection of military personnel worldwide. The Committee encourages the Commander, Army Medical Research and Development Command, and the Assistant Secretary of Defense for Health Affairs to research the development of low cost, single dose, highly scalable synthetic peptide vaccines that allow for rapid deployment

to military personnel against COVID–19, new virus variants, and infectious disease threats.

ARMED FORCES RETIREMENT HOMES AND THE DEFENSE HEALTH AGENCY

The Committee notes the important role that the military health system plays for the care of the military retiree population, especially those living in the two Armed Forces Retirement Homes. As the Defense Health Agency continues to make recommendations for the rescoping of certain military treatment facilities, the Committee encourages the Director of the Defense Health Agency to take necessary steps to ensure in-patient care is available at a military treatment facility within 20 miles of each Armed Forces Retirement Home.

SERVICEMEMBERS AND VETERANS WITH AMYOTROPHIC LATERAL SCLEROSIS

The Committee is aware of promising research underway through the Amyotrophic Lateral Sclerosis (ALS) Research Program. The Committee encourages the Assistant Secretary of Defense for Health Affairs to prioritize research that can bring effective treatments to people living with ALS as soon as possible.

TRAUMATIC INJURY

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 have value 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.

PEER-REVIEWED TOXIC EXPOSURES RESEARCH PROGRAM

The Committee is concerned by the number of known and unknown potentially harmful substances that servicemembers are exposed to as part of their military service. The Committee has funded research linked to exposures through various congressionally directed medical research programs, including the Peer-Reviewed Neurotoxin Exposure Treatment Parkinson's Research Program, which started in 1997 with a focus on dopaminergic neurons that result in Parkinson's disease. Additionally, since 2006, the Peer-Reviewed Gulf War Illness Research Program has also received congressionally directed funding to study the health impacts caused by deployment of warfighters during the Persian Gulf War. The Committee remains committed to helping veterans affected by Parkinson's disease, Gulf War illness, and others exposed to potentially toxic substances which result in multiple, diverse symptoms and health abnormalities.

Transitioning related research to a new, broader program including neurotoxin exposure treatment research, research on Gulf War illness, exposures to burn pits, and other service-related exposures to potentially toxic chemicals and materials will allow the research community to improve scientific understanding and pathobiology from exposure, more efficiently assess comorbidities, and speed the development of treatments, cures, and preventions. Therefore, the Committee recommends $30,000,000 for a peer-reviewed toxic exposures research program. The funds provided in this program are directed to be used to conduct research of clear scientific merit and direct relevance to neurotoxin exposure; Gulf War illness and its treatment; airborne hazards and burn pits; as well as toxic military exposures in general, including prophylactic medications, pesticides, organophosphates, toxic industrial chemicals, materials, metals, and minerals. The Committee directs the Director, Congressionally Directed Medical Research Programs, to ensure that the program is conducted using competitive selection and peer-review for the identification of research with the highest technical merit and military benefit. Further, the Committee directs that this program be coordinated with similar activities in the Department of Veterans Affairs. Collaborations between researchers at military or veteran institutions and non-military research institutions are encouraged to leverage the knowledge, infrastructure and access to military and veteran populations. 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 which may have been the result of toxic exposures.

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 and Parkinson's disease. The Committee recommendation includes $60,000,000 aimed at halting the neurodegenerative processes that follow traumatic brain injury.

NATIONAL DISASTER MEDICAL SYSTEM PILOT

The Committee continues to be concerned with the fracturing of the military health system and is concerned that not enough attention has been placed on medical capabilities and capacity required for the homeland defense mission.

Section 740 of the National Defense Authorization Act for Fiscal Year 2020, as amended by Section 741 of the National Defense Authorization Act for Fiscal Year 2021, authorized a pilot program on civilian and military partnerships to enhance interoperability and medical surge capability and capacity of the National Disaster Medical System. The Department of Defense Appropriations Act, 2021 included $15,000,000 for the pilot program but the Committee is disappointed that funding was not included as part of the fiscal year 2022 budget request. The Committee recommendation in-

cludes $15,000,000 and directs that sufficient funding be included in the budget request for fiscal year 2023.

Additionally, as was observed during the response to the COVID 19 pandemic, the nation lacks medical surge capacity beyond what is currently available. Therefore, the Committee recommendation includes $14,000,000 for the Department of Defense to initiate investment in a joint civilian-military modular surge facility. This type of modular and/or convertible medical surge facility should be adjacent to existing medical facilities and should include laboratories, intensive care units, x-rays, and be able to use the staffing and services available in the medical facility. The initial investment in the Committee recommendation should be used to initiate facility modifications, prepare for construction, and begin development of a training curriculum necessary to activate the surge facility.

EXPANDED RECOVERY SERVICES FOR SERVICEMEMBERS

The Committee recognizes the unique challenges for those combatting substance use disorders, especially for men and women serving in the military. As 80 percent of those treated for substance abuse disorders within the military health system are active duty, ongoing recovery support is essential for optimizing outcomes and maximizing readiness. To combat these issues, the Navy established the My Ongoing Recovery Experience (MORE) program in 2010 and has since enrolled more than 23,500 servicemembers. The program has reported an 88 percent abstinence success rate among those who consistently remained in recovery programming, completed MORE courses, and engaged with recovery professionals. The Committee commends the success of the Navy MORE program as a substance abuse rehabilitation program and encourages the Secretaries of the Army and the Air Force to establish similar programs for their respective Services. The Committee also encourages the Secretary of the Navy to align the Navy MORE program with a peer-based recovery program to further enable participants to successfully build and sustain a life in recovery.

ADVANCED ORTHOPEDIC SURGICAL TRAINING FOR MILITARY ORTHOPEDIC SURGEONS

The Committee understands that servicemembers and their families regularly undergo orthopedic procedures and that these types of musculoskeletal injuries account for a significant amount 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 develop military-civilian partnerships that ensure that military orthopedic health professionals are provided with advanced surgical training in arthroscopic techniques and to partner with medical professional societies that maintain best practices related to arthroscopic surgery and techniques.

ADDRESSING HEALTH BARRIERS TO MILITARY SERVICE

The Committee is concerned that 71 percent of Americans between the ages of 17 to 24 are ineligible for military service due to obesity, mental and other physical health conditions, or substance abuse. The Committee directs the Secretary of Defense, in coordination with the Service Secretaries, to submit a report to the congressional defense committees not later than 180 days after the enactment of this Act on existing military fitness and nutrition initiatives and campaigns. The report shall include the metrics used to assess the effectiveness of these efforts in recruiting or retaining servicemembers; the resources available to assist applicants and recruits in meeting physical fitness standards in cases where potential applicants or recruits may be disqualified due to a failure of meeting standards; the return on investment from these efforts; and the anticipated costs of the military health system for treating obesity-related health conditions across military, civilian, dependent, and retiree populations.

Additionally, the Committee recognizes that federal support for childhood nutrition, food security, physical education, mental and physical health, and substance abuse prevention benefits all Americans, including those who intend to serve in the military. The Committee believes that the Department of Defense has an obligation to both ensure a ready and fit-to-fight force and to help promote the health of civilians. The Committee encourages the Secretary of Defense to coordinate with the Secretaries of Agriculture and Health and Human Services to identify ways that the Department could contribute to informing physical fitness or nutritional standards for children and young adults across the nation.

PERFORMANCE BASED MATERNITY PAYMENTS FOR FREESTANDING BIRTH CENTERS

Value-based health care is a health care delivery model in which providers, including healthcare facilities and care providers, are paid based on patient health outcomes. The Committee is aware that the Department of Defense conducted a pilot study from 2018 to 2021 to collect data on quality of care measures in maternity hospitals but understands that maternity care provided in freestanding birth centers was not studied. The Committee encourages the Assistant Secretary of Defense for Health Affairs to conduct a pilot study to evaluate the value of maternity care provided in freestanding birth centers. The pilot study could assess the feasibility of incorporating episode-based funded payments in the purchased care component of the TRICARE program by reducing co-payments or cost shares for low-risk populations of covered beneficiaries for antepartum, intrapartum, newborn and postpartum maternity care services provided by certified nurse-midwives and/or physicians within freestanding birth centers.

ANTIVIRAL DEVELOPMENT

The Committee is concerned that there has been insufficient focus for the development of host derived broad-spectrum antivirals as a medical countermeasure. The coronavirus pandemic demonstrated gaps in therapies available to treat emerging infectious

diseases. The Committee encourages the Assistant Secretary of Defense for Health Affairs to research host-derived broad-spectrum antivirals that can treat a myriad of infectious diseases to address national security and public health threats.

COLLABORATION WITH MINORITY SERVING HEALTH INSTITUTIONS

The Committee encourages the Assistant Secretary of Defense for Health Affairs to work collaboratively in the health research field with Hispanic Serving Institutions, Historically Black Colleges and Universities, and other Minority Serving Institutions.

POST-TRAUMATIC EPILEPSY

The Committee is encouraged by the progress and results of the Team Approach to the Prevention and Treatment of Post-Traumatic Epilepsy Initiative. The Committee encourages the Director, Congressionally Medical Research Programs to support innovative research tools and identify definitive biomarkers to better detect who will develop post-traumatic epilepsy following a traumatic brain injury event.

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Fiscal year 2022 budget request	$1,094,352,000
Committee recommendation	1,094,352,000
Change from budget request	– – –

The Committee recommends an appropriation of $1,094,352,000 for Chemical Agents and Munitions Destruction, Defense which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	93,121	93,121	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	1,001,231	1,001,231	0
TOTAL, CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE	1,094,352	1,094,352	0

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE

Fiscal year 2022 budget request	$821,908,000
Committee recommendation	844,996,000
Change from budget request	+23,088,000

The Committee recommends an appropriation of $844,996,000 for Drug Interdiction and Counter-Drug Activities, Defense which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
COUNTER NARCOTICS SUPPORT	593,250	519,097	−74,153

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS—Continued

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
Transfer to National Guard Counter-Drug Program		−33,696	
Project 1387 insufficient budget justification		−25,457	
Reduce duplicative efforts		−15,000	
DRUG DEMAND REDUCTION PROGRAM	126,024	126,024	0
NATIONAL GUARD COUNTER DRUG PROGRAM	96,970	194,211	97,241
Transfer from Counter-Narcotics Support		33,696	
Program increase		63,545	
NATIONAL GUARD COUNTER DRUG SCHOOLS	5,664	5,664	0
TOTAL, DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	821,908	844,996	23,088

DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES

The Committee recommendation includes $519,097,000 for Counter-Narcotics Support, which supports the counter-narcotics activities of United States Northern Command and United States Southern Command, including the operations of the Joint Interagency Task Force South. The recommendation transfers $33,696,000 from Counter-Narcotics Support to the National Guard Counter-Drug Program and reduces funding for international programs, which are supported elsewhere in this Act. The Committee notes that the joint explanatory statement accompanying the Department of Defense Appropriations Act, 2021, directed the Secretary of Defense to ensure that international programs requested and supported by this account do not duplicate programs funded under the Defense Security Cooperation Agency in the Operation and Maintenance, Defense-Wide account. The Committee directs that any notification for funds submitted pursuant to 10 U.S.C. 284 indicate whether the notified program could be carried out pursuant to another authority or by another federal agency.

The Committee recommendation includes legislative language requiring the Secretary of Defense to notify the House and Senate Appropriations Committees not fewer than 15 days prior to the transfer of funds between projects. Such projects are those identified in the PB 47 Project Definitions budget exhibit of the fiscal year 2022 budget justification materials and other documentation supporting the budget request.

OFFICE OF THE INSPECTOR GENERAL

Fiscal year 2022 budget request	$438,363,000
Committee recommendation	438,363,000
Change from budget request	– – –

The Committee recommends an appropriation of $438,363,000 for the Office of the Inspector General which will provide the following program in fiscal year 2022:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	Budget Request	Committee Recommended	Change from Request
OPERATION AND MAINTENANCE	435,918	435,918	0
PROCUREMENT	80	80	0
RESEARCH, DEVELOPMENT, TEST AND EVALUATION	2,365	2,365	0
TOTAL, OFFICE OF THE INSPECTOR GENERAL	438,363	438,363	0

AFGHANISTAN SECURITY FORCES FUND MONITORING PROGRAM ASSESSMENT

The Committee directs the Inspector General to provide an assessment of the Department of Defense program to monitor, evaluate, and oversee funds appropriated under the heading Afghanistan Security Forces Fund, and to submit a report along with recommendations to strengthen the program 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, 2022.

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

Fiscal year 2022 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 2022 budget request	$634,000,000
Committee recommendation	562,500,000
Change from budget request	– 71,500,000

The Committee recommends an appropriation of $562,500,000 for the Intelligence Community Management Account.

UNITED STATES FOREIGN INTELLIGENCE SURVEILLANCE COURT DECLASSIFICATION OF SIGNIFICANT DECISION, ORDERS, AND OPINIONS

The Committee directs the Director of National Intelligence, in consultation with the Attorney General, to complete, within one year of the enactment of this Act, a one-time declassification review of decisions, orders, and opinions of the Foreign Intelligence Surveillance Court or Foreign Intelligence Surveillance Court of Review that predate the USA Freedom Act, and that include a significant construction or interpretation of any provision of law. Consistent with that review, each such decision, order, or opinion shall be released to the public.

Provisions of 50 U.S.C. § 1872 shall apply, including that the Director of National Intelligence, in consultation with the Attorney General, may satisfy the review requirement by making each such decision, order, or opinion publicly available in redacted form; and that the Director of National Intelligence, in consultation with the Attorney General, may waive the requirement to declassify and release a particular decision, order or opinion if, among other things, such waiver is necessary to protect either the national security of the United States or properly classified intelligence sources and methods.

TITLE VIII

GENERAL PROVISIONS

Title VIII of the accompanying bill includes 160 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 has been amended and provides for the establishment of a baseline for application of reprogramming and transfer authorities for the current fiscal year.

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

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

Section 8010 has been amended 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 provides that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations.

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

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

Section 8015 provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-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 is new and provides no requirement to submit a report to Congress in any covered provision of law may be satisfied by the submission of a report to Congress pursuant to another provision of law.

Section 8026 has been amended and provides funding for the Civil Air Patrol Corporation.

Section 8027 has been amended and prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers (FFRDC), with certain limitations, and increases funding provided for FFRDCs.

Section 8028 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 8029 defines the congressional intelligence committees as being the Permanent Select Committee on Intelligence of the House, the Select Committee on Intelligence of the Senate, and the Subcommittees on Defense of the Committees on Appropriations of the House and Senate.

Section 8030 provides for competitions between private firms and Department of Defense depot maintenance activities.

Section 8031 requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

Section 8032 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 8033 provides for the revocation of blanket waivers of the Buy American Act.

Section 8034 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 8035 prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

Section 8036 provides for a waiver of "Buy American" provisions for certain cooperative programs.

Section 8037 prohibits the use of funds for the purchase or manufacture of a United States flag unless such flags are treated as covered items under section 2533a(b) of title 10, United States Code.

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

Section 8039 provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than $250,000.

Section 8040 prohibits the use of funds in contravention of the First Amendment.

Section 8041 provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Section 8042 prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Section 8043 prohibits the use of Working Capital Funds to purchase specified investment items.

Section 8044 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 8045 places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Section 8046 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 $1,634,954,000 from the following programs:

2015 Appropriations:	
Shipbuilding and Conversion, Navy:	
Expeditionary fast transport	$4,300,000
2020 Appropriations:	
Missile Procurement, Army:	
Stinger mods	5,000,000
Lethal miniature aerial missile system	1,953,000

Procurement of Weapons and Tracked Combat Vehicles, Army:	
M240 medium machine gun mods	4,500,000
Other Procurement, Army:	
Bridge supplemental set	13,000,000
Aircraft Procurement, Air Force:	
MQ–9 reaper	1,000,000
LAIRCM	30,000,000
Increment 3.2B	2,000,000
MQ–9 mods	14,000,000
Missile Procurement, Air Force:	
Small diameter bomb	40,000,000
Other Procurement, Air Force:	
ATCALS	3,000,000
Base communication infrastructure	20,000,000
Combat training ranges	15,000,000
2021 Appropriations:	
Operation and Maintenance, Defense-Wide:	
Office of Local Defense Community Cooperation (previously titled	
Office of Economic Adjustment)—noise mitigation community partnership	50,000,000
DSCA International Security Cooperation Programs	75,000,000
Coalition support funds	36,000,000
Afghanistan Security Forces Fund:	
Afghanistan Security Forces Fund	200,000,000
Counter-ISIS Train and Equip Fund:	
Counter-ISIS Train and Equip Fund	200,000,000
Aircraft Procurement, Army:	
AH–64 Apache Block IIIA AP	5,000,000
Procurement of Weapons and Tracked Combat Vehicles, Army:	
M240 medium machine gun mods	4,533,000
Other Procurement, Army:	
Joint information environment	3,177,000
Aircraft Procurement, Navy:	
V–22 medium lift AP	15,210,000
Weapons Procurement, Navy:	
AMRAAM	50,000,000
Standard missile	16,148,000
Drones and decoys	19,956,000
Small arms and weapons	931,000
Procurement of Ammunition, Navy and Marine Corps:	
Pyrotechnic and demolition	1,744,000
Mortars	3,450,000
Other Procurement, Navy:	
LHA/LHD midlife	3,445,000
LCS MM mission modules	10,246,000
LCS in-service modification	35,634,000
AN/SLQ–32	15,000,000
Aircraft Procurement, Air Force:	
MQ–9 reaper	20,000,000
MQ–9 mods	10,700,000
B–2 post production support	20,000,000
F–16 post production support	5,000,000
Target drones	42,000,000
Procurement of Ammunition, Air Force:	
JDAM	339,289,000
B61 AP	12,400,000
Other Procurement, Air Force:	
Base communication infrastructure	80,000,000
MEECN	15,000,000
Research, Development, Test and Evaluation, Army:	
Technology maturation initiatives	30,041,000
Brilliant anti-armor submunition	20,175,000
Research, Development, Test and Evaluation, Navy:	
Advanced arresting gear	4,000,000
JNT standoff weapon system	5,500,000

Cooperative engagement capability	7,022,000
Research, Development, Test and Evaluation, Space Force:	
Next generation OPIR	67,000,000
Space test and training range development	2,000,000
Family of advanced BLOS terminals (FAB–T)	15,600,000
Satellite control network	10,000,000
Defense Working Capital Fund:	
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 Agencies 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 has been amended and 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 has been amended and 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 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 has been amended and limits the availability of funding provided for the Office of the Director of National Intelligence beyond the current fiscal year, except for funds appropriated for research and technology and the purchase of real property, 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 prohibits the use of funds for the purpose of making remittances to the Department of Defense Acquisition Workforce Development Account.

Section 8089 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 8090 prohibits the use of funds for federal contracts in excess of $1,000,000 unless the contractor meets certain conditions.

Section 8091 provides funds for transfer to the Joint Department of Defense–Department of Veterans Affairs Medical Facility Demonstration Fund.

Section 8092 prohibits the use of funds providing certain missile defense information to certain entities.

Section 8093 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 8094 has been amended and provides the Director of National Intelligence with general transfer authority with certain limitations.

Section 8095 has been amended and authorizes the use of funds in the Shipbuilding and Conversion, Navy account to purchase five used auxiliary vessels for the National Defense Reserve Fleet.

Section 8096 directs the Secretary of Defense to post grant awards on a public Web site in a searchable format.

Section 8097 places restrictions on transfer amounts available in the Rapid Prototyping Fund.

Section 8098 prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Section 8099 prohibits the transfer of administrative or budgetary resources to the jurisdiction of another Federal agency not financed by this Act without the express authorization of Congress.

Section 8100 has been amended and provides that operation and maintenance funds may be used for any purposes related to the National Defense Reserve Fleet.

Section 8101 prohibits the use of funds to provide counterterrorism support to foreign partners unless the congressional defense committees are notified accordingly.

Section 8102 requires a report related to the National Instant Criminal Background Check System.

Section 8103 has been amended and 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 8104 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 8105 has been amended and prohibits funds for the decommissioning of any Littoral Combat Ships.

Section 8106 prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Section 8107 prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Section 8108 prohibits the use of funding for information technology systems that do not have pornographic content filters.

Section 8109 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 8110 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 8111 has been amended and places restrictions on the use of funding for military parades.

Section 8112 has been amended and provides for the use of funds to modify two F–35 Joint Strike Fighters per variant to a test configuration.

Section 8113 provides for funding available in the Defense Health Program for death gratuity payments.

Section 8114 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 8115 has been amended and provides that any advance billing for background investigation services and related services purchased from activities financed using the Defense Working Capital Fund shall be excluded from the calculation of cumulative advance billings.

Section 8116 prohibits funds from being used to transfer the National Reconnaissance Office to the Space Force.

Section 8117 requires the Secretary of Defense to make a certification prior to the transfer of any element to the Space Force.

Section 8118 is new and prohibits funds to establish a field operating agency of the Space Force.

Section 8119 provides funds appropriated under military personnel may be used for expenses for members of the Space Force.

Section 8120 is new and provides that the Commander of United States Cyber Command shall be responsible for resources for the Cyber Mission Forces.

Section 8121 has been amended and reduces funding due to favorable fuel costs.

Section 8122 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 8123 has been amended and provides funding for mitigation of military aircraft noise.

Section 8124 is new and prohibits funds from being used in a manner that does not comply with the requirements of section 365 of H.R. 1280 as passed by the House of Representatives on March 3, 2021.

Section 8125 prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Section 8126 provides for the obligation of funds in anticipation of receipt of contributions from the Government of Kuwait.

Section 8127 requires notification of the receipt of contributions from foreign governments.

Section 8128 provides for the procurement of certain vehicles in the United States Central Command area.

Section 8129 provides for the purchase of items of a particular investment unit cost from funding made available for operation and maintenance.

Section 8130 prohibits funding from being used in contravention of the War Powers Resolution.

Section 8131 prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution.

Section 8132 prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Section 8133 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 8134 prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Section 8135 is new and requires the Secretary to provide a notification when a foreign base is open or closed.

Section 8136 is new and requires the Secretary of Defense to provide quarterly reports on the deployment of United States Armed Forces.

Section 8137 prohibits the use of funding under certain headings to procure or transfer man-portable air defense systems.

Section 8138 prohibits funding from being used in violation the Child Soldiers Prevention Act of 2008.

Section 8139 prohibits the transfer of additional C–130 cargo aircraft to the Afghanistan National Security Forces or Afghanistan Air Force.

Section 8140 has been amended and prohibits funds for any member of the Taliban.

Section 8141 limits the obligation of funding for the Afghanistan Security Forces Fund prior to the approval of a financial and activity plan by the Afghanistan Resources Oversight Council.

Section 8142 has been amended and provides that certain support to friendly foreign countries be made in accordance with section 8005 of this Act.

Section 8143 has been amended and provides lift and sustainment to coalition forces.

Section 8144 requires the Secretary of Defense to certify the use of funds in the Afghanistan Security Forces Fund under certain conditions.

Section 8145 is new and provides funding to the Department of Defense to provide transport and safe passage to certain Afghans.

Section 8146 has been amended and provides funding for International Security Cooperation Programs.

Section 8147 has been amended and provides funding to reimburse key cooperating nations for logistical, military, and other support.

Section 8148 has been amended and provides funding to reimburse certain countries for border security.

Section 8149 provides security assistance to the Government of Jordan.

Section 8150 provides security assistance to the Ukraine.

Section 8151 prohibits funds from being used to enter into a contract with Rosoboronexport.

Section 8152 prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Section 8153 is new and prohibits funds to support military operations conducted by the Saudi-led coalition against the Houthis in the war in Yemen.

Section 8154 is new and requires an integrated security cooperation strategy for assistance for certain partner countries.

Section 8155 is new and prohibits funds to operate the detention facility at United States Naval Station, Guantanamo Bay, Cuba.

Section 8156 is new and requires the Secretary of Defense to provide information and documents regarding the December 1981 massacre in El Mozote.

Section 8157 is new and prohibits funds to procure light-emitting diode (LED) light bulbs for use in any Government-owned facility or property under the control of the Department of Defense which were not made or assembled in the United States.

Section 8158 is new and prohibits funds to support any activity conducted by, or associated with, the Wuhan Institute of Virology.

Section 8159 is new and repeals the 2001 Authorization for Use of Military Force (P.L. 107–40) 240 days after the date of the enactment of this Act.

Section 8160 is new and repeals the Authorization for Use of Military Force Against Iraq Resolution of 2002 (Public Law 107–243).

HOUSE OF REPRESENTATIVES REPORTING REQUIREMENTS

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

STATEMENT OF GENERAL PERFORMANCE GOALS AND OBJECTIVES

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

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

PROGRAM DUPLICATION

No provision of this bill establishes or reauthorizes a program of the Federal Government known to be duplicative of another Federal program, a program that was included in any report from the Government Accountability Office to Congress pursuant to section 21 of Public Law 111–139, or a program related to a program identified in the most recent Catalog of Federal Domestic Assistance.

TRANSFER OF FUNDS

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

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

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

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

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

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

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

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

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

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

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

Language has been included under "General Provisions, Sec. 8055" which provides for the transfer of funds from "Operation and Maintenance, Defense-Wide" to appropriations available for the pay of military personnel in connection with support and services of eligible organizations and activities outside the Department of Defense.

Language has been included under "General Provisions, Sec. 8058" which provides for the transfer of funds from "Operation and Maintenance, Defense-Wide" to the Department of the Army, the Department of the Navy, and the Department of the Air Force to support the Sexual Assault Special Victims' Counsel Program.

Language has been included under "General Provisions, Sec. 8066" which provides for the transfer of funds from "Operation and Maintenance, Army" to other activities of the federal government.

Language has been included under "General Provisions, Sec. 8069" which provides for the transfer of funds from "Operation and Maintenance, Army", "Operation and Maintenance, Navy", and "Operation and Maintenance, Air Force" to the central fund established for Fisher Houses and Suites.

Language has been included under "General Provisions, Sec. 8070" which provides for the transfer of funds from "Operation and Maintenance, Navy" to the John C. Stennis Center for Public Service Development Trust Fund.

Language has been included under "General Provisions, Sec. 8073" which provides for the transfer of funds from "Procurement, Defense-Wide" and "Research, Development, Test and Evaluation, Defense-Wide" for the Israeli Cooperative Programs.

Language has been included under "General Provisions, Sec. 8074" which provides for the transfer of funds from "Shipbuilding and Conversion, Navy" to fund prior year shipbuilding cost increases.

Language has been included under "General Provisions, Sec. 8091" which provides for the transfer of funds appropriated for operation and maintenance for the Defense Health Program to the Joint Department of Defense—Department of Veterans Affairs Medical Facility Demonstration Fund.

Language has been included under "General Provisions, Sec. 8094" which provides for the transfer of funds for the National Intelligence Program.

Language has been included under "General Provisions, Sec. 8109" which provides for the transfer of funds from "Operation and Maintenance, Defense-Wide" for elementary and secondary public schools on military installations.

RESCISSIONS

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

Shipbuilding and Conversion, Navy: Expeditionary Fast Transport, 2015/2023	$4,300,000
Missile Procurement, Army, 2020/2022	6,953,000
Procurement of Weapons and Tracked Combat Vehicles, Army, 2020/2022	4,500,000
Other Procurement, Army, 2020/2022	13,000,000
Aircraft Procurement, Air Force, 2020/2022	47,000,000
Missile Procurement, Air Force, 2020/2022	40,000,000
Other Procurement, Air Force, 2020/2022	38,000,000
Operation and Maintenance, Defense-Wide, 2021/2022	161,000,000
Afghanistan Security Forces Fund, 2021/2022	200,000,000
Counter-ISIS Train and Equip Fund, 2021/2022	200,000,000
Aircraft Procurement, Army, 2021/2023	5,000,000
Procurement of Weapons and Tracked Combat Vehicles, Army, 2021/2023	4,533,000
Other Procurement, Army, 2021/2023	3,177,000
Aircraft Procurement, Navy, 2021/2023	15,210,000
Weapons Procurement, Navy, 2021/2023	87,035,000
Procurement of Ammunition, Navy and Marine Corps, 2021/2023	5,194,000
Other Procurement, Navy, 2021/2023	64,325,000
Aircraft Procurement, Air Force, 2021/2023	97,700,000
Procurement of Ammunition, Air Force, 2021/2023	351,689,000
Other Procurement, Air Force, 2021/2023	95,000,000
Research, Development, Test and Evaluation, Army, 2021/2022	50,216,000
Research, Development, Test and Evaluation, Navy, 2021/2022	16,522,000
Research, Development, Test and Evaluation, Space Force, 2021/2022	94,600,000
Defense Working Capital Fund: Defense Counterintelligence and Security Agency Working Capital Fund, 2021/20XX	30,000,000

DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

The following table is submitted in compliance with clause 9 of rule XXI, and lists the congressional earmarks (as defined in paragraph (e) of clause 9) contained in the bill or in this report. Neither the bill nor the report contain any limited tax benefits or limited tariff benefits as defined in paragraphs (f) or (g) of clause 9 of rule XXI.

DEFENSE

[Community Project Funding Items]

Agency	Account	Recipient	Project	Amount	Requestor(s)
Air Force	RDTE, AF	Texas A&M University—Central Texas, Killeen, TX	Development of Cybersecurity Methodologies	$2,990,000	Carter (TX)
Air Force	RDTE, AF	Central New York Defense Alliance, Rome, NY	Skydome: Trusted Smart-X Experimentation Environment	200,000	Tenney
Army	RDTE, A	Georgia Southern University, Statesboro, GA	Soldier Athlete Human Performance Optimization	1,500,000	Carter (GA)
Army	RDTE, A	Pennington Biomedical Research Center, Baton Rouge, LA	Center for Excellence in Military Health and Performance Enhancement.	3,566,666	Graves (LA)
Army	RDTE, A	Coalition for National Trauma Research, San Antonio , TX	National Trauma Research Repository Data Population Project.	1,900,000	Ruppersberger
Army	RDTE, A	APG Centennial Celebration Association, Belcamp, MD	The Discovery Center at Water's Edge	250,000	Ruppersberger
Defense-Wide	RDTE, DW	Kansas City Kansas Community College, Kansas City, KS	Automation Engineering Technology Program	1,981,000	Davids (KS)
Defense-Wide	RDTE, DW	National Center for Defense Manufacturing and Machining, El Paso, TX.	El Paso Makes Contract Support for El Paso Manufacturers	964,000	Escobar
Defense-Wide	RDTE, DW	VA Tech University, Blacksburg, VA	Next Generation Explosives and Propellants	1,000,000	Griffith
Defense-Wide	RDTE, DW	American Museum of Natural History, New York, NY	Novel Analytical and Empirical Approaches to the Prediction and Monitoring of Disease Transmission.	1,500,000	Nadler
Defense-Wide	RDTE, DW	The University of North Carolina at Chapel Hill, Chapel Hill, NC.	Assessing and Tracking Tactical Forces Initiative	4,000,000	Price (NC)
Defense-Wide	RDTE, DW	The University of Texas at San Antonio, San Antonio, TX	Cybersecurity Manufacturing Innovation Park	1,000,000	Castro (TX)
Defense-Wide	RDTE, DW	Institute for Digital Enterprise Advancement, Huntsville, AL	Systems Engineering Technician Education Initiative	550,000	Aderholt
Navy	RDTE, N	Georgia Institute of Technology, Atlanta, GA	Coastal Equity and Resilience Hub	5,000,000	Carter (GA)
Navy	RDTE, N	Monmouth University, West Long Branch, NJ	Coastal adaptation research for improved coastal community and NWS Earle military installation resilience.	450,000	Pallone
Space Force	RDTE, SF	The Texas A&M Engineering Experiment Station, College Station, TX.	Development of a Core Manipulator Joint	1,665,000	Sessions

CHANGES IN THE APPLICATION OF EXISTING LAW

Pursuant to clause 3(f)(1)(A) of rule XIII of the Rules of the House of Representatives, the following statements are submitted describing the effect of provisions in the accompanying bill which directly or indirectly change the application of existing law.

Language is included in various parts of the bill to continue ongoing activities which require annual authorization or additional legislation, which to date has not been enacted.

The bill includes a number of provisions which place limitations on the use of funds in the bill or change existing limitations and which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions which provide for the transfer of funds and which might, under some circumstances, be construed as changing the application of law.

The bill includes a number of provisions, which have been virtually unchanged for many years that are technically considered legislation.

The bill provides that appropriations shall remain available for more than one year for some programs for which the basic authorizing legislation does not presently authorize each extended availability.

In various places in the bill, the Committee has allocated funds within appropriation accounts in order to fund specific programs.

Language is included in various accounts placing a limitation on funds for emergencies and extraordinary expenses.

Language is included that provides not more than $3,000,000 for the Combatant Commander Initiative Fund.

Language is included that provides not less than $50,000,000 for the Procurement Technical Assistance Cooperative Agreement Program, of which not less than $4,500,000 shall be available for centers.

Language is included that prohibits the consolidation of certain legislative affairs or liaison offices.

Language is included that makes available $18,000,000 for certain classified activities, allows such funds to be transferred between certain accounts, and exempts such funds from the investment item unit cost ceiling.

Language is included under the heading "Afghanistan Security Forces Fund" that provides for the use of funds for certain purposes; the management of contributions; and various notification and certification requirements. Language is also included that provides not less than $20,000,000 for the recruitment and retention of women in the Afghanistan National Security Forces, and the recruitment and training of female security personnel.

Language is included under the heading "Counter-ISIS Train and Equip Fund" that provides for the use of funds for certain purposes, compliance with vetting standards, management of contributions, and the submission of certain reports.

Language is included that limits the use of funds for official representation purposes under the heading "United States Court of Appeals for the Armed Forces".

Language is included that limits funds credited or transferred to the Department of Defense Acquisition Workforce Development Account.

Language is included that provides for specific construction, acquisition, or conversion of vessels under the heading "Shipbuilding and Conversion, Navy".

Language is included that provides for the incurring of additional obligations for certain activities under the heading "Shipbuilding and Conversion, Navy".

Language is included that prohibits the use of funds provided under the heading "Shipbuilding and Conversion, Navy" for the construction of any naval vessel, or the construction of major components for the construction or conversion of any naval vessel, in foreign facilities or shipyards.

Language is included under the heading "Shipbuilding and Conversion, Navy" that allows funds to be available for multiyear procurement of critical components to support the common missile compartment of nuclear-powered vessels.

Language is included under the heading "National Guard and Reserve Equipment Account" providing for the procurement of certain items and the submission of modernization priority assessments.

Language is included under the heading "Research, Development, Test and Evaluation, Navy" that provides funds for certain activities related to the V–22.

Language is included that specifies the use of certain funds provided under the heading "Defense Health Program".

Language is included that provides that not less than $10,000,000 of funds provided under the heading "Defense Health Program" shall be available for HIV prevention educational activities.

Language is included under the heading "Defense Health Program" that provides that not less than $1,104,000,000 shall be made available to the U.S. Army Medical Research and Materiel Command to carry out congressionally directed medical research programs.

Language is included that specifies the use of certain funds provided under the heading "Chemical Agents and Munitions Destruction, Defense".

Language is included that specifies the use of certain funds provided under the heading "Drug-Interdiction and Counter-Drug Activities, Defense".

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

Language is included that provides for conditions and limitations on the payment of compensation to, or employment of, foreign nationals.

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

Language is included that limits the obligation of certain funds provided in this Act during the last two months of the fiscal year.

Language is included that provides for the general transfer authority of funds to other military functions.

Language is included that 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.

Language is included that provides for the establishment of a baseline for application of reprogramming and transfer authorities for the current fiscal year.

Language is included that provides for limitations on the use of transfer authority of working capital fund cash balances.

Language is included that 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.

Language is included that provides limitations and conditions on the use of funds made available in this Act to initiate multiyear procurement contracts.

Language is included that provides for the use and obligation of funds for humanitarian and civic assistance costs.

Language is included that provides that civilian personnel of the Department of Defense may not be managed on the basis of end strength or be subject to end strength limitations.

Language is included that prohibits funding from being used to influence congressional action on any matters pending before the Congress.

Language is included that 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.

Language is included that provides for the transfer of funds appropriated in title III of this Act for the Department of Defense Pilot Mentor-Protege Program.

Language is included that provides for the Department of Defense to purchase anchor and mooring chains manufactured only in the United States.

Language is included that 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.

Language is included that 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.

Language is included that provides a limitation on funds being used for the relocation of any Department of Defense entity into or within the National Capital Region.

Language is included that provides for incentive payments authorized by section 504 of the Indian Financing Act of 1974 (25 U.S.C. 1544). Section 8021 provides for the conveyance, without consideration, of relocatable housing units that are excess to the needs of the Air Force.

Language is included that provides for the availability of funds for the mitigation of environmental impacts on Indian lands resulting from Department of Defense activities.

Language is included that provides that no funding for the Defense Media Activity may be used for national or international political or psychological activities.

Language is included that provides the minimum wage for certain employees.

Language is included that provides no requirement to submit a report to Congress in any covered provision of law may be satisfied by the submission of a report to Congress pursuant to another provision of law.

Language is included that provides funding for the Civil Air Patrol Corporation.

Language is included that prohibits funding from being used to establish new Department of Defense Federally Funded Research and Development Centers (FFRDC), with certain limitations, and increases funding provided for FFRDCs.

Language is included that 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.

Language is included that defines the congressional intelligence committees as being the Permanent Select Committee on Intelligence of the House, the Select Committee on Intelligence of the Senate, and the Subcommittees on Defense of the Committees on Appropriations of the House and Senate.

Language is included that provides for competitions between private firms and Department of Defense depot maintenance activities.

Language is included that requires the Department of Defense to comply with the Buy American Act, chapter 83 of title 41, United States Code.

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

Language is included that provides for the revocation of blanket waivers of the Buy American Act.

Language is included that 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.

Language is included that prohibits funding from being used to purchase supercomputers which are not manufactured in the United States.

Language is included that provides for a waiver of "Buy American" provisions for certain cooperative programs.

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

Language is included that provides for the availability of funds contained in the Department of Defense Overseas Military Facility Investment Recovery Account.

Language is included that provides authority to use operation and maintenance appropriations to purchase items having an investment item unit cost of not more than $250,000.

Language is included that prohibits the use of funds in contravention of the First Amendment.

Language is included that provides authority to use operation and maintenance appropriations for the Asia Pacific Regional Initiative Program.

Language is included that prohibits the sale of tobacco products in military resale outlets below the most competitive price in the local community.

Language is included that prohibits the use of Working Capital Funds to purchase specified investment items.

Language is included that provides that none of the funds appropriated for the Central Intelligence Agency shall remain available for obligation beyond the current fiscal year except for funds appropriated for the Reserve for Contingencies, the Working Capital Fund, or other programs as specified.

Language is included that places certain limitations on the use of funds made available in this Act to establish field operating agencies.

Language is included that places restrictions on converting to contractor performance an activity or function of the Department of Defense unless it meets certain guidelines provided.

Language is included that provides for the rescissions totaling $1,634,954,000.

Language is included that 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.

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

Language is included that 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.

Language is included that prohibits the transfer of Department of Defense and Central Intelligence Agencies drug interdiction and counter-drug activities funds to other agencies.

Language is included that provides funding for Red Cross and United Services Organization grants.

Language is included that provides funds for the Small Business Innovation Research program and the Small Business Technology Transfer program.

Language is included that prohibits funding from being used for contractor bonuses being paid due to business restructuring.

Language is included that 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.

Language is included that provides for the Department of Defense to dispose of negative unliquidated or unexpended balances for expired or closed accounts.

Language is included that provides conditions for the use of equipment of the National Guard Distance Learning Project on a space-available, reimbursable basis.

Language is included that provides funding for Sexual Assault Prevention and Response Programs.

Language is included that 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.

Language is included that prohibits funding in this Act from being used for repairs or maintenance to military family housing units.

Language is included that provides obligation authority for new starts for advanced concept technology demonstration projects only after notification to the congressional defense committees.

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

Language is included that provides for the use of National Guard personnel to support ground-based elements of the National Ballistic Missile Defense System.

Language is included that prohibits the use of funds 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.

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

Language is included that 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.

Language is included that prohibits funding to separate, or to consolidate from within, the National Intelligence Program budget from the Department of Defense budget.

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

Language is included that provides 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.

Language is included that 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.

Language is included that prohibits the modification of command and control relationships to give Fleet Forces Command oper-

ational and administrative control of United States Navy forces assigned to the Pacific fleet.

Language is included that requires notification for the rapid acquisition and deployment of supplies and associated support services.

Language is included that provides funding and transfer authority for the Israeli Cooperative Programs.

Language is included that provides for the funding of prior year shipbuilding cost increases.

Language is included that 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.

Language is included that prohibits funding from being used to initiate a new start program without prior written notification.

Language is included that 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.

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

Language is included that makes funds available for transfer for the purposes of rapid acquisition and deployment of supplies and associated support services.

Language is included that prohibits funding from being used to reduce or disestablish the operation of the 53rd Weather Reconnaissance Squadron of the Air Force Reserve.

Language is included that 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.

Language is included that 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.

Language is included that 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 and the purchase of real property, which shall remain available for the current and the following fiscal years.

Language is included that provides limitations on the Shipbuilding and Conversion, Navy appropriation.

Language is included that 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.

Language is included that places limitations on the reprogramming of funds from the Department of Defense Acquisition Workforce Development Account.

Language is included that 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)).

Language is included that prohibits the use of funds for the purpose of making remittances to the Department of Defense Acquisition Workforce Development Account.

Language is included that 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.

Language is included that prohibits the use of funds for federal contracts in excess of $1,000,000 unless the contractor meets certain conditions.

Language is included that provides funds for transfer to the Joint Department of Defense–Department of Veterans Affairs Medical Facility Demonstration Fund.

Language is included that prohibits the use of funds providing certain missile defense information to certain entities.

Language is included that 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.

Language is included that provides the Director of National Intelligence with general transfer authority with certain limitations.

Language is included that authorizes the use of funds in the Shipbuilding and Conversion, Navy account to purchase five used auxiliary vessels for the National Defense Reserve Fleet.

Language is included that directs the Secretary of Defense to post grant awards on a public Web site in a searchable format.

Language is included that places restrictions on transfer amounts available in the Rapid Prototyping Fund.

Language is included that prohibits the use of funds by the National Security Agency targeting United States persons under authorities granted in the Foreign Intelligence Surveillance Act.

Language is included that prohibits the transfer of administrative or budgetary resources to the jurisdiction of another Federal agency not financed by this Act without the express authorization of Congress.

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

Language is included that prohibits the use of funds to provide counterterrorism support to foreign partners unless the congressional defense committees are notified accordingly.

Language is included that requires a report related to the National Instant Criminal Background Check System.

Language is included that 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.

Language is included that 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.

Language is included that prohibits funds for the decommissioning of any Littoral Combat Ships.

Language is included that prohibits certain transfers from the Department of Defense Acquisition Workforce Development Account.

Language is included that prohibits the use of funds for gaming or entertainment that involves nude entertainers.

Language is included that prohibits the use of funding for information technology systems that do not have pornographic content filters.

Language is included that 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.

Language is included that 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.

Language is included that places restrictions on the use of funding for military parades.

Language is included that provides for the use of funds to modify two F–35 Joint Strike Fighters per variant to a test configuration.

Language is included that provides for funding available in the Defense Health Program for death gratuity payments.

Language is included that 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.

Language is included that provides that any advance billing for background investigation services and related services purchased from activities financed using the Defense Working Capital Fund shall be excluded from the calculation of cumulative advance billings.

Language is included that prohibits funds from being used to transfer the National Reconnaissance Office to the Space Force.

Language is included that requires the Secretary of Defense to make a certification prior to the transfer of any element to the Space Force.

Language is included that prohibits funds to establish a field operating agency of the Space Force.

Language is included that provides funds appropriated under military personnel may be used for expenses for members of the Space Force.

Language is included that provides that the Commander of United States Cyber Command shall be responsible for resources for the Cyber Mission Forces.

Language is included that reduces funding due to favorable fuel costs.

Language is included that provides funds for agile development, test and evaluation, procurement, production and modification, and the operation and maintenance for certain software pilot programs.

Language is included that provides funding for mitigation of military aircraft noise.

Language is included that prohibits funds from being used in a manner that does not comply with the requirements of section 365

of H.R. 1280 as passed by the House of Representatives on March 3, 2021.

Language is included that prohibits the use of funding in contravention of the United Nations Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Language is included that provides for the obligation of funds in anticipation of receipt of contributions from the Government of Kuwait.

Language is included that requires notification of the receipt of contributions from foreign governments.

Language is included that provides for the procurement of certain vehicles in the United States Central Command area.

Language is included that provides for the purchase of items of a particular investment unit cost from funding made available for operation and maintenance.

Language is included that prohibits funding from being used in contravention of the War Powers Resolution.

Language is included that prohibits the use of funds with respect to Iraq in contravention of the War Powers Resolution.

Language is included that prohibits the use of funds with respect to Syria in contravention of the War Powers Resolution.

Language is included that provides that nothing in this Act may be construed as authorizing the use of force against Iran and North Korea.

Language is included that prohibits the establishment of permanent bases in Iraq or Afghanistan or United States control over Iraq or Syria oil resources.

Language is included that requires the Secretary to provide a notification when a foreign base is open or closed.

Language is included that requires the Secretary of Defense to provide quarterly reports on the deployment of United States Armed Forces.

Language is included that prohibits the use of funding under certain headings to procure or transfer man-portable air defense systems.

Language is included that prohibits funding from being used in violation the Child Soldiers Prevention Act of 2008.

Language is included that prohibits the transfer of additional C–130 cargo aircraft to the Afghanistan National Security Forces or Afghanistan Air Force.

Language is included that prohibits funds for any member of the Taliban.

Language is included that limits the obligation of funding for the Afghanistan Security Forces Fund prior to the approval of a financial and activity plan by the Afghanistan Resources Oversight Council.

Language is included that provides that certain support to friendly foreign countries be made in accordance with section 8005 of this Act.

Language is included that provides lift and sustainment to coalition forces.

Language is included that requires the Secretary of Defense to certify the use of funds in the Afghanistan Security Forces Fund under certain conditions.

Language is included that provides funding to the Department of Defense to provide transport and safe passage to certain Afghans.

Language is included that provides funding for International Security Cooperation Programs.

Language is included that provides funding to reimburse key cooperating nations for logistical, military, and other support.

Language is included that provides funding to reimburse certain countries for border security.

Language is included that provides security assistance to the Government of Jordan.

Language is included that provides security assistance to the Ukraine.

Language is included that prohibits funds from being used to enter into a contract with Rosoboronexport.

Language is included that prohibits the use of funds to provide arms, training, or other assistance to the Azov Battalion.

Language is included that prohibits funds to support military operations conducted by the Saudi-led coalition against the Houthis in the war in Yemen.

Language is included that requires an integrated security cooperation strategy for assistance for certain partner countries.

Language is included that prohibits funds to operate the detention facility at United States Naval Station, Guantanamo Bay, Cuba.

Language is included that requires the Secretary of Defense to provide information and documents regarding the December 1981 massacre in El Mozote.

Language is included that prohibits funds to procure light-emitting diode (LED) light bulbs for use in any Government-owned facility or property under the control of the Department of Defense which were not made or assembled in the United States.

Language is included that prohibits funds to support any activity conducted by, or associated with, the Wuhan Institute of Virology.

Language is included that repeals the 2001 Authorization for Use of Military Force (P.L. 107–40) 240 days after the date of the enactment of this Act.

Language is included that repeals the Authorization for Use of Military Force Against Iraq Resolution of 2002 (Public Law 107–243).

APPROPRIATIONS NOT AUTHORIZED BY LAW

Pursuant to clause 3(f)(1) of rule XIII of the Rules of the House of Representatives, the following table lists the appropriations in the accompanying bill which are not authorized by law:

[In thousands of dollars]

Agency/Program	Last year of authorization	Authorization Level (Base + OCO)	Appropriations in last year of authorization (Base + OCO)	Appropriations in this bill 2022	2022 compared to 2020	2022 compared to 2021
DEPARTMENT OF DEFENSE						
Military Personnel, Army	2021	(1)	47,609,886	47,875,354	2,385,250	265,468
Military Personnel, Navy	2021	(1)	34,146,865	35,458,629	3,391,806	1,311,764
Military Personnel, Marine Corps	2021	(1)	14,687,379	14,595,837	392,958	-91,542
Military Personnel, Air Force	2021	(1)	33,861,339	35,016,131	2,769,388	1,154,792
Reserve Personnel, Army	2021	(1)	5,070,533	5,172,805	215,906	102,272
Reserve Personnel, Navy	2021	(1)	2,212,371	2,294,229	166,862	81,858
Reserve Personnel, Marine Corps	2021	(1)	845,612	866,219	29,016	20,607
Reserve Personnel, Air Force	2021	(1)	2,210,309	2,374,433	343,815	164,124
National Guard Personnel, Army	2021	(1)	8,859,313	8,988,044	81,080	128,731
National Guard Personnel, Air Force	2021	(1)	4,535,891	4,818,279	752,004	282,388
Operation and Maintenance, Army	2021	55,456,897	55,916,236	54,343,985	-5,345,156	-1,572,271
Operation and Maintenance, Navy	2021	59,548,050	59,200,890	61,086,598	4,691,709	1,885,708
Operation and Maintenance, Marine Corps	2021	8,453,206	8,394,851	9,090,653	112,394	695,802
Operation and Maintenance, Air Force	2021	52,756,166	51,960,429	53,756,603	660,859	1,796,174
Operation and Maintenance, Space Force	2021	2,591,409	2,569,229	3,372,212	3,332,212	802,983
Operation and Maintenance, Defense-Wide	2021	44,767,981	45,090,888	45,306,975	12,709	216,087
Operation and Maintenance, Army Reserve	2021	2,930,675	2,921,297	2,992,135	-29,951	70,838
Operation and Maintenance, Navy Reserve	2021	1,133,741	1,136,642	1,147,698	22,046	11,056
Operation and Maintenance, Marine Corps Reserve	2021	291,630	292,201	286,550	-11,233	-5,651
Operation and Maintenance, Air Force Reserve	2021	3,338,274	3,298,551	3,335,606	78,530	37,055
Operation and Maintenance, Army National Guard	2021	7,448,428	7,430,629	7,617,209	71,971	186,580
Operation and Maintenance, Air National Guard	2021	6,920,884	6,961,495	6,568,750	-263,451	-392,745
Afghan Security Forces Fund	2021	4,015,612	3,047,612	3,045,341	-1,154,637	-2,271
Counter ISIS Train and Equip Fund	2021	522,500	710,000	500,000	-695,000	-210,000
United States Court of Appeals for the Armed Forces	2021	15,211	15,211	15,589	818	378
Defense Acquisition Workforce Development Fund	2021	108,181	88,181	54,679	-345,321	-33,502
Environmental Restoration, Army	2021	207,518	264,285	251,008	-692	-13,277
Environmental Restoration, Navy	2021	335,932	421,250	372,813	-12,187	-48,437
Environmental Restoration, Air Force	2021	303,926	509,250	377,210	-107,790	-132,040
Environmental Restoration, Defense-Wide	2021	9,105	19,952	10,979	-8,023	-8,973
Environmental Restoration, Formerly Used Defense Sites	2021	216,587	288,750	292,580	17,580	3,830
Overseas Humanitarian, Disaster, and Civic Aid	2021	109,900	147,500	150,051	15,051	2,551
Cooperative Threat Reduction Account	2021	360,190	360,190	344,849	-28,851	-15,341
Aircraft Procurement, Army	2021	3,784,766	4,052,454	3,215,131	-1,087,739	-837,323
Missile Procurement, Army	2021	4,317,640	4,017,140	3,496,591	-922,671	-520,549
Procurement of WTCV, Army	2021	3,856,110	3,627,112	3,811,616	-1,198,287	184,504
Procurement of Ammunition, Army	2021	2,979,703	2,894,015	2,243,933	-483,324	-650,082
Other Procurement, Army	2021	9,205,854	9,527,935	8,537,213	-124,815	-990,722
Aircraft Procurement, Navy	2021	18,578,494	19,513,185	16,998,875	-2,701,791	-2,514,310
Weapons Procurement, Navy	2021	4,734,806	4,483,345	3,718,711	-415,188	-764,634
Procurement of Ammunition, Navy and Marine Corps	2021	926,473	869,447	879,388	-168,827	9,941
Shipbuilding and Conversion, Navy	2021	23,409,109	23,268,880	23,486,398	-488,980	217,518
Other Procurement, Navy	2021	11,119,973	10,853,821	10,451,162	24,655	-402,659
Procurement, Marine Corps	2021	2,857,505	2,696,338	2,835,365	-83,646	139,027
Aircraft Procurement, Air Force	2021	19,784,578	19,985,491	16,628,047	-1,735,624	-3,357,444
Missile Procurement, Air Force	2021	2,583,549	2,365,953	2,529,462	-248,099	163,509
Procurement of Ammunition, Air Force	2021	1,396,711	1,336,461	672,321	-1,888,098	-664,140
Other Procurement, Air Force	2021	24,004,905	23,796,987	25,292,801	133,979	1,495,814
Procurement, Space Force	2021	2,301,834	2,310,994	2,741,708	2,741,708	430,714
Procurement, Defense-Wide	2021	5,957,363	6,179,484	5,413,546	-356,665	-765,938
Research, Development, Test and Evaluation, Army	2021	12,660,883	14,144,856	13,381,427	690,688	-763,429
Research, Development, Test and Evaluation, Navy	2021	20,793,151	20,138,391	20,694,650	375,125	556,259
Research, Development, Test and Evaluation, Air Force	2021	36,644,341	36,362,747	39,062,652	-8,632,551	2,699,905
Research, Development, Test and Evaluation, Space Force	2021	10,412,569	10,540,069	10,774,318	10,774,318	234,249
Research, Development, Test and Evaluation, DW	2021	24,318,375	26,013,489	26,239,486	-92,801	225,997
Operational Test and Evaluation, Defense	2021	210,090	257,120	216,591	-11,109	-40,529
Defense Working Capital Funds	2021	1,359,000	1,494,000	1,902,000	317,689	408,000
Defense Health Program	2021	32,685,420	34,049,705	36,658,536	2,236,671	2,608,831
Chemical Agents and Munitions Destruction, Defense	2021	889,500	1,049,800	1,094,352	108,853	44,552
Drug Interdiction and Counter-Drug Activities, Defense	2021	785,429	914,429	844,996	-201,163	-69,433
Office of the Inspector General	2021	395,508	399,508	438,363	50,610	38,855
CIA Retirement and Disability System Fund	2021	514,000	514,000	514,000	0	0
Intelligence Community Management Account	2021	759,000	633,719	562,500	6,500	-71,219
National Guard and Reserve Equipment	2021	150,000	950,000	950,000	-350,000	0

1/ The FY 2021 National Defense Authorization Act authorizes $153,788,445 for military personnel

COMPARISON WITH THE BUDGET RESOLUTION

Pursuant to clause 3(c)(2) of rule XIII of the Rules of the House of Representatives and section 308(a)(1)(A) of the Congressional Budget Act of 1974, the following table compares the levels of new budget authority provided in the bill with the appropriate allocation under section 302(b) of the Budget Act.

[In millions of dollars]

	302(b) Allocation			
	Budget Authority	Outlays	Budget Authority	Outlays
Comparison of amounts in the bill with Committee allocations to its subcommittees: Subcommittee on Defense				
Discretionary	705,939	699,803	705,939	[1] 699,149
Mandatory	514	514	514	[1] 514

[1] Includes outlays from prior-year budget authority.

FIVE-YEAR OUTLAY PROJECTIONS

In compliance with section 308(a)(1)(B) of the Congressional Budget Act of 1974, the following table contains five-year projections associated with the budget authority provided in the accompanying bill.

[In millions of dollars]

	Outlays
Projection of outlays associated with the recommendation:	
2022	[1] 430,559
2023	169,125
2024	47,401
2025	26,139
2026 and future years	20,561

[1] Excludes outlays from prior-year budget authority.

FINANCIAL ASSISTANCE TO STATE AND LOCAL GOVERNMENTS

In accordance with section 308(a)(1)(C) of the Congressional Budget and Impoundment Act of 1974 (Public Law 93–344), as amended, no new budget or outlays are provided by the accompanying bill for financial assistance to State and local governments.

COMMITTEE HEARINGS

For the purposes of clause 3(c)(6) of rule XIII, the following hearings were used to develop or consider the Department of Defense Appropriations Act, 2022:

The Subcommittee on Defense held an oversight hearing on February 24, 2021, entitled "Future Defense Spending." The Subcommittee received testimony from:

Ms. Elizabeth Field, Director of Defense Capabilities and Management, United States Government Accountability Office

Mr. Todd Harrison, Director of Defense Budget Analysis, Center for Strategic and International Studies

Dr. Thomas G. Mahnken, President and CEO, Center for Strategic and Budgetary Assessments

The Subcommittee on Defense held an oversight hearing on March 2, 2021, entitled "U.S. Military Service Academies Overview." The Subcommittee received testimony from:

Vice Admiral Sean Buck, Superintendent, United States Naval Academy

Lieutenant General Richard M. Clark, Superintendent, United States Air Force Academy

Lieutenant General Darry A. Williams, Superintendent, United States Military Academy West Point

The Subcommittee on Defense held an oversight hearing on March 17, 2021, entitled "Climate Change, National Security, and the Arctic." The Subcommittee received testimony from:

Ms. Sherri Goodman, Senior Fellow, Wilson Center

Vice Admiral Dennis V. McGinn, Advisory Board Member, Center for Climate and Security

The Subcommittee on Defense held an oversight hearing on March 23, 2021, entitled "Future Defense Spending." The Subcommittee received testimony from:

Dr. James Acton, Co-Director of Nuclear Policy Program and Jessica

T. Mathews Chair, Carnegie Endowment for International Peace

Ms. Niloofar Razi Howe, Senior Fellow, New America

Ms. Mandy Smithberger, Director of the Center for Defense Information, Project on Government Oversight

Mr. Roger Zakheim, Director, Ronald Reagan Presidential Foundation and Institute

The Subcommittee on Defense held an oversight hearing on April 15, 2021, entitled "United States Southern Command." The Subcommittee received testimony from:

Admiral Craig S. Faller, Commander, United States Southern Command

The Subcommittee on Defense held a closed oversight hearing on April 20, 2021, entitled "United States European Command." The Subcommittee received testimony from:

General Tod D. Walters, Commander, European Command and NATO Supreme Allied Commander Europe

The Subcommittee on Defense held a closed oversight hearing on April 21, 2021, entitled "United States Africa Command." The Subcommittee received testimony from:

General Stephen J. Townsend, Commander, United States Africa Command

The Subcommittee on Defense held a closed oversight hearing on April 21, 2021, entitled "United States Central Command." The Subcommittee received testimony from:

General Kenneth F. McKenzie Jr., Commander, United States Central Command

The Subcommittee on Defense held an oversight hearing on April 29, 2021, entitled "Fiscal Year 2022 United States Navy and Marine Corps Budget." The Subcommittee received testimony from:

General David H. Berger, Commandant of the Marine Corps

Admiral Michael Gilday, Chief of Navy Operations

The Honorable Thomas W. Harker, Acting Secretary of the Navy

The Subcommittee on Defense held an oversight hearing on May 4, 2021, entitled "Fiscal Year 2022 National Guard and Reserves." The Subcommittee received testimony from:

Lieutenant General David G. Bellon, Commander, Marine Forces Reserve

Lieutenant General Jody J. Daniels, Chief of the Army Reserve

General Daniel R. Hokanson, Chief of the National Guard Bureau

Vice Admiral John B. Mustin, Chief of the Navy Reserve

Lieutenant General Richard W. Scobee, Chief of the Air Force Reserve

The Subcommittee on Defense held an oversight hearing on May 5, 2021, entitled "Fiscal Year 2022 United States Army Budget." The Subcommittee received testimony from:

General James C. McConville, Chief of Staff of the Army

The Honorable John E. Whitley, Acting Secretary of the Army

The Subcommittee on Defense held an oversight hearing on May 7, 2021, entitled "Fiscal Year 2022 United States Air Force and Space Force Budget." The Subcommittee received testimony from:

General Charles Q. Brown, Chief of Staff, U.S. Air Force

General John W. Raymond, Secretary, U.S. Space Force

The Honorable John P. Roth, Acting Secretary of the Air Force

The Subcommittee on Defense held a closed oversight hearing on May 18, 2021, entitled "National Security Agency and Cyber Command FY 2022 Posture." The Subcommittee received testimony from:

General Paul M. Nakasone, Director, Commander, National Security Agency, Cyber Command

The Subcommittee on Defense held a closed oversight hearing on May 19, 2021, entitled "Central Intelligence Agency FY 2022 Posture." The Subcommittee received testimony from:

The Honorable William J. Burns, Director, Central Intelligence Agency

The Subcommittee on Defense held a closed oversight hearing on May 20, 2021, entitled "World Wide Threat and FY 2022 National Intelligence Program/Military Intelligence Program Posture with the Director of National Intelligence and Under Secretary of Defense for Intelligence & Security." The Subcommittee received testimony from:

The Honorable Avril Haines, Director of National Intelligence

The Honorable David M. Taylor, Performing Under Secretary of Defense for Intelligence & Security, Department of Defense

The Subcommittee on Defense held an oversight hearing on May 25, 2021, entitled "Fiscal Year 2022 Defense Health and Medical Readiness." The Subcommittee received testimony from:

Dr. Terry Adirim, Acting Secretary of Defense for Health Affairs

Lieutenant General R. Scott Dingle, Surgeon General, United States Army

Rear Admiral Upper Half Bruce L. Gillingham, Surgeon General, United States Navy

Lieutenant General Dorothy A. Hogg, Surgeon General, United States Air Force

Lieutenant General Ronald Place, Director, Defense Health Agency

The Subcommittee on Defense held an oversight hearing on May 26, 2021, entitled "Defense Environmental Restoration." The Subcommittee received testimony from:

Ms. Amy Borman, Deputy Assistant Secretary of the Army for Environment, Safety and Occupational Health

Mr. Mark Correll, Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure

Mr. Richard Kidd, Deputy Assistant Secretary of Defense for Environment and Energy Resilience

Mr. Karnig Ohannessian, Deputy Assistant Secretary of the Navy for Environment

The Subcommittee on Defense held an oversight hearing on May 27, 2021, entitled "Fiscal Year 2022 Department of Defense Budget." The Subcommittee received testimony from:

The Honorable Lloyd J. Austin III, Secretary of Defense

General Mark A. Milley, Chairman of the Joint Chiefs of Staff

COMPLIANCE WITH RULE XIII, CL. 3(e) (RAMSEYER RULE)

In compliance with clause 3(e) of rule XIII of the Rules of the House of Representatives, changes in existing law made by the bill, as reported, are shown as follows (existing law proposed to be omitted is enclosed in black brackets):

AUTHORIZATION FOR USE OF MILITARY FORCE

(Public Law 107–40)

[SECTION 1. SHORT TITLE.

[This joint resolution may be cited as the "Authorization for Use of Military Force".]

[SEC. 2. AUTHORIZATION FOR USE OF UNITED STATES ARMED FORCES.

[(a) IN GENERAL.—That the President is authorized to use all necessary and appropriate force against those nations, organizations, or persons he determines planned, authorized, committed, or aided the terrorist attacks that occurred on September 11, 2001, or harbored such organizations or persons, in order to prevent any future acts of international terrorism against the United States by such nations, organizations or persons.

[(b) WAR POWERS RESOLUTION REQUIREMENTS.—

[(1) SPECIFIC STATUTORY AUTHORIZATION.—Consistent with section 8(a)(1) of the War Powers Resolution, the Congress declares that this section is intended to constitute specific statutory authorization within the meaning of section 5(b) of the War Powers Resolution.

[(2) APPLICABILITY OF OTHER REQUIREMENTS.—Nothing in this resolution supercedes any requirement of the War Powers Resolution.]

AUTHORIZATION FOR USE OF MILITARY FORCE AGAINST IRAQ RESOLUTION OF 2002

(Public Law 107–243)

[SECTION 1. SHORT TITLE.

[This joint resolution may be cited as the "Authorization for Use of Military Force Against Iraq Resolution of 2002".]

[SEC. 2. SUPPORT FOR UNITED STATES DIPLOMATIC EFFORTS.

[The Congress of the United States supports the efforts by the President to—

[(1) strictly enforce through the United Nations Security Council all relevant Security Council resolutions regarding Iraq and encourages him in those efforts; and

[(2) obtain prompt and decisive action by the Security Council to ensure that Iraq abandons its strategy of delay, evasion and noncompliance and promptly and strictly complies with all relevant Security Council resolutions regarding Iraq.

[SEC. 3. AUTHORIZATION FOR USE OF UNITED STATES ARMED FORCES.

[(a) AUTHORIZATION.—The President is authorized to use the Armed Forces of the United States as he determines to be necessary and appropriate in order to—

[(1) defend the national security of the United States against the continuing threat posed by Iraq; and

[(2) enforce all relevant United Nations Security Council resolutions regarding Iraq.

[(b) PRESIDENTIAL DETERMINATION.—In connection with the exercise of the authority granted in subsection (a) to use force the President shall, prior to such exercise or as soon thereafter as may be feasible, but no later than 48 hours after exercising such authority, make available to the Speaker of the House of Representatives and the President pro tempore of the Senate his determination that—

[(1) reliance by the United States on further diplomatic or other peaceful means alone either (A) will not adequately protect the national security of the United States against the continuing threat posed by Iraq or (B) is not likely to lead to enforcement of all relevant United Nations Security Council resolutions regarding Iraq; and

[(2) acting pursuant to this joint resolution is consistent with the United States and other countries continuing to take the necessary actions against international terrorist and terrorist organizations, including those nations, organizations, or persons who planned, authorized, committed or aided the terrorist attacks that occurred on September 11, 2001.

[(c) WAR POWERS RESOLUTION REQUIREMENTS.—

[(1) SPECIFIC STATUTORY AUTHORIZATION.—Consistent with section 8(a)(1) of the War Powers Resolution, the Congress declares that this section is intended to constitute specific statutory authorization within the meaning of section 5(b) of the War Powers Resolution.

[(2) APPLICABILITY OF OTHER REQUIREMENTS.—Nothing in this joint resolution supersedes any requirement of the War Powers Resolution.

[SEC. 4. REPORTS TO CONGRESS.

[(a) REPORTS.—The President shall, at least once every 60 days, submit to the Congress a report on matters relevant to this joint resolution, including actions taken pursuant to the exercise of authority granted in section 3 and the status of planning for efforts that are expected to be required after such actions are completed,

including those actions described in section 7 of the Iraq Liberation Act of 1998 (Public Law 105–338).

[(b) SINGLE CONSOLIDATED REPORT.—To the extent that the submission of any report described in subsection (a) coincides with the submission of any other report on matters relevant to this joint resolution otherwise required to be submitted to Congress pursuant to the reporting requirements of the War Powers Resolution (Public Law 93–148), all such reports may be submitted as a single consolidated report to the Congress.

[(c) RULE OF CONSTRUCTION.—To the extent that the information required by section 3 of the Authorization for Use of Military Force Against Iraq Resolution (Public Law 102–1) is included in the report required by this section, such report shall be considered as meeting the requirements of section 3 of such resolution.]

FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 1

Date: July 13, 2021
Measure: Defense Bill, FY 2022
Motion by: Mr. Diaz-Balart
Description of Motion: Strikes language in the bill related to the closure of the detention facility at Guantanamo Bay, Cuba and adds four prohibitions related to the facility.
Results: Not Adopted 26 yeas to 31 nays

Members Voting Yea	*Members Voting Nay*
Mr. Calvert	Mr. Aguilar
Mr. Carter	Mr. Bishop
Mr. Cline	Mrs. Bustos
Mr. Cole	Mr. Cartwright
Mr. Crist	Mr. Case
Mr. Cuellar	Ms. Clark
Mr. Diaz-Balart	Ms. DeLauro
Mr. Fleischmann	Mr. Espaillat
Mr. Fortenberry	Ms. Frankel
Mr. Garcia	Mr. Harder
Mr. Gonzales	Ms. Kaptur
Ms. Granger	Mr. Kilmer
Dr. Harris	Mrs. Kirkpatrick
Ms. Herrera Beutler	Mrs. Lawrence
Mrs. Hinson	Ms. Lee of California
Mr. Joyce	Mrs. Lee of Nevada
Mr. Moolenaar	Ms. McCollum
Mr. Newhouse	Ms. Meng
Mr. Palazzo	Ms. Pingree
Mr. Reschenthaler	Mr. Pocan
Mr. Rogers	Mr. Price
Mr. Rutherford	Mr. Quigley
Mr. Simpson	Ms. Roybal-Allard
Mr. Stewart	Mr. Ruppersberger
Mr. Valadao	Mr. Ryan
Mr. Womack	Mrs. Torres
	Mr. Trone
	Ms. Underwood
	Ms. Wasserman Schultz
	Mrs. Watson Coleman
	Ms. Wexton

FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 2

Date: July 13, 2021
Measure: Defense Bill, FY 2022
Motion by: Mr. Diaz-Balart
Description of Motion: Prohibits funds from being used to support the activities of the Countering Extremism Working Group until 30 days after the Department has provided the congressional defense committees with certain information.
Results: Not Adopted 24 yeas to 33 nays

Members Voting Yea	*Members Voting Nay*
Mr. Calvert	Mr. Aguilar
Mr. Carter	Mr. Bishop
Mr. Cline	Mrs. Bustos
Mr. Cole	Mr. Cartwright
Mr. Diaz-Balart	Mr. Case
Mr. Fleischmann	Ms. Clark
Mr. Fortenberry	Mr. Crist
Mr. Garcia	Mr. Cuellar
Mr. Gonzales	Ms. DeLauro
Ms. Granger	Mr. Espaillat
Dr. Harris	Ms. Frankel
Ms. Herrera Beutler	Mr. Harder
Mrs. Hinson	Ms. Kaptur
Mr. Joyce	Mr. Kilmer
Mr. Moolenaar	Mrs. Kirkpatrick
Mr. Newhouse	Mrs. Lawrence
Mr. Palazzo	Ms. Lee of California
Mr. Reschenthaler	Mrs. Lee of Nevada
Mr. Rogers	Ms. McCollum
Mr. Rutherford	Ms. Meng
Mr. Simpson	Ms. Pingree
Mr. Stewart	Mr. Pocan
Mr. Valadao	Mr. Price
Mr. Womack	Mr. Quigley
	Ms. Roybal-Allard
	Mr. Ruppersberger
	Mr. Ryan
	Mrs. Torres
	Mr. Trone
	Ms. Underwood
	Ms. Wasserman Schultz
	Mrs. Watson Coleman
	Ms. Wexton

FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 3

Date: July 13, 2021
Measure: Defense Bill, FY 2022
Motion by: Mr. Rutherford
Description of Motion: Strikes language in the bill related to the transfer of excess defense articles to local law enforcement.
Results: Not Adopted 23 yeas to 33 nays

Members Voting Yea	*Members Voting Nay*
Mr. Calvert	Mr. Aguilar
Mr. Cline	Mr. Bishop
Mr. Cole	Mrs. Bustos
Mr. Diaz-Balart	Mr. Cartwright
Mr. Fleischmann	Mr. Case
Mr. Fortenberry	Ms. Clark
Mr. Garcia	Mr. Crist
Mr. Gonzales	Mr. Cuellar
Ms. Granger	Ms. DeLauro
Dr. Harris	Mr. Espaillat
Ms. Herrera Beutler	Ms. Frankel
Mrs. Hinson	Mr. Harder
Mr. Joyce	Ms. Kaptur
Mr. Moolenaar	Mr. Kilmer
Mr. Newhouse	Mrs. Kirkpatrick
Mr. Palazzo	Mrs. Lawrence
Mr. Reschenthaler	Ms. Lee of California
Mr. Rogers	Mrs. Lee of Nevada
Mr. Rutherford	Ms. McCollum
Mr. Simpson	Ms. Meng
Mr. Stewart	Ms. Pingree
Mr. Valadao	Mr. Pocan
Mr. Womack	Mr. Price
	Mr. Quigley
	Ms. Roybal-Allard
	Mr. Ruppersberger
	Mr. Ryan
	Mrs. Torres
	Mr. Trone
	Ms. Underwood
	Ms. Wasserman Schultz
	Mrs. Watson Coleman
	Ms. Wexton

FULL COMMITTEE VOTES

Pursuant to the provisions of clause 3(b) of rule XIII of the House of Representatives, the results of each roll call vote on an amendment or on the motion to report, together with the names of those voting for and those voting against, are printed below:

Roll Call 4

Date: July 13, 2021
Measure: Defense Bill, FY 2022
Motion by: Ms. Kaptur
Description of Motion: To Report the bill to the House, as amended.
Results: Adopted 33 yeas to 23 nays

Members Voting Yea
Mr. Aguilar
Mr. Bishop
Mrs. Bustos
Mr. Cartwright
Mr. Case
Ms. Clark
Mr. Crist
Mr. Cuellar
Ms. DeLauro
Mr. Espaillat
Ms. Frankel
Mr. Harder
Ms. Kaptur
Mr. Kilmer
Mrs. Kirkpatrick
Mrs. Lawrence
Ms. Lee of California
Mrs. Lee of Nevada
Ms. McCollum
Ms. Meng
Ms. Pingree
Mr. Pocan
Mr. Price
Mr. Quigley
Ms. Roybal-Allard
Mr. Ruppersberger
Mr. Ryan
Mrs. Torres
Mr. Trone
Ms. Underwood
Ms. Wasserman Schultz
Mrs. Watson Coleman
Ms. Wexton

Members Voting Nay
Mr. Calvert
Mr. Cline
Mr. Cole
Mr. Diaz-Balart
Mr. Fleischmann
Mr. Fortenberry
Mr. Garcia
Mr. Gonzales
Ms. Granger
Dr. Harris
Ms. Herrera Beutler
Mrs. Hinson
Mr. Joyce
Mr. Moolenaar
Mr. Newhouse
Mr. Palazzo
Mr. Reschenthaler
Mr. Rogers
Mr. Rutherford
Mr. Simpson
Mr. Stewart
Mr. Valadao
Mr. Womack

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE I					
MILITARY PERSONNEL					
Military Personnel, Army	44,861,853	47,973,824	47,875,354	+3,013,501	-98,470
Military Personnel, Navy	33,764,579	35,496,879	35,458,629	+1,694,050	-38,250
Military Personnel, Marine Corps	14,557,436	14,748,337	14,595,837	+38,401	-152,500
Military Personnel, Air Force	32,784,171	35,047,901	35,016,131	+2,231,960	-31,770
Reserve Personnel, Army	5,037,119	5,229,805	5,172,805	+135,686	-57,000
Reserve Personnel, Navy	2,200,600	2,316,934	2,294,229	+93,629	-22,705
Reserve Personnel, Marine Corps	843,564	881,909	866,219	+22,655	-15,690
Reserve Personnel, Air Force	2,193,493	2,386,013	2,374,433	+180,940	-11,580
National Guard Personnel, Army	8,663,999	9,051,344	8,988,044	+324,045	-63,300
National Guard Personnel, Air Force	4,530,091	4,814,974	4,818,279	+288,188	+3,305
Total, title I, Military Personnel	149,436,905	157,947,920	157,459,960	+8,023,055	-487,960
Total, including Tricare	157,807,905	167,285,095	166,797,135	+8,989,230	-487,960

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE II					
OPERATION AND MAINTENANCE					
Operation and Maintenance, Army	38,418,982	54,616,397	54,343,965	+15,924,983	-272,432
Operation and Maintenance, Navy	47,632,527	60,441,228	61,086,598	+13,454,071	+645,370
Operation and Maintenance, Marine Corps	7,286,184	9,024,791	9,090,653	+1,804,469	+65,862
Operation and Maintenance, Air Force	33,528,409	53,876,475	53,756,603	+20,228,194	-119,872
Operation and Maintenance, Space Force	2,492,114	3,440,712	3,372,212	+880,098	-68,500
Operation and Maintenance, Defense-Wide	39,048,990	44,918,366	45,306,975	+6,257,985	+388,609
Afghanistan Security Forces Fund	---	3,327,810	3,045,341	+3,045,341	-282,469
Counter-ISIS Train and Equip Fund (CTEF)	---	522,000	500,000	+500,000	-22,000
Operation and Maintenance, Army Reserve	2,887,898	3,000,635	2,992,135	+104,237	-8,500
Operation and Maintenance, Navy Reserve	1,115,150	1,148,698	1,147,698	+32,548	-1,000
Operation and Maintenance, Marine Corps Reserve	283,494	285,050	286,550	+3,056	+1,500
Operation and Maintenance, Air Force Reserve	3,268,461	3,352,106	3,335,606	+67,145	-16,500
Operation and Maintenance, Army National Guard	7,350,837	7,647,209	7,617,209	+266,372	-30,000
Operation and Maintenance, Air National Guard	6,785,853	6,574,020	6,568,750	-217,103	-5,270
United States Court of Appeals for the Armed Forces	15,211	15,589	15,589	+378	---
Environmental Restoration, Army	264,285	200,806	251,008	-13,277	+50,202
Environmental Restoration, Navy	421,250	298,250	372,813	-48,437	+74,563
Environmental Restoration, Air Force	509,250	301,768	377,210	-132,040	+75,442
Environmental Restoration, Defense-Wide	19,952	8,783	10,979	-8,973	+2,196
Environmental Restoration, Formerly Used Defense Sites	288,750	218,580	292,580	+3,830	+74,000

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
Overseas Humanitarian, Disaster, and Civic Aid.....	147,500	110,051	150,051	+2,551	+40,000
Cooperative Threat Reduction Account.....	360,190	239,849	344,849	-15,341	+105,000
Department of Defense Acquisition Workforce Development Account.....	88,181	54,679	54,679	-33,502	---
Total, title II, Operation and Maintenance.....	192,213,468	253,623,852	254,320,053	+62,106,585	+696,201

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE III					
PROCUREMENT					
Aircraft Procurement, Army	3,457,342	2,806,452	3,215,131	-242,211	+408,679
Missile Procurement, Army	3,220,541	3,556,251	3,496,591	+276,050	-59,660
Procurement of Weapons and Tracked Combat Vehicles, Army	3,611,887	3,875,893	3,811,616	+199,729	-64,277
Procurement of Ammunition, Army	2,790,140	2,158,110	2,243,933	-546,207	+85,823
Other Procurement, Army	8,603,112	8,873,558	8,537,213	-65,899	-336,345
Aircraft Procurement, Navy	19,480,280	16,477,178	16,998,875	-2,481,405	+521,697
Weapons Procurement, Navy	4,477,773	4,220,705	3,718,711	-759,062	-501,994
Procurement of Ammunition, Navy and Marine Corps	792,023	988,018	879,388	+87,365	-108,630
Shipbuilding and Conversion, Navy	23,268,880	22,571,059	23,486,398	+217,518	+915,339
Other Procurement, Navy	10,512,209	10,875,912	10,451,162	-61,047	-424,750
Procurement, Marine Corps	2,648,375	3,043,091	2,835,365	+186,990	-207,726
Aircraft Procurement, Air Force	19,212,753	15,727,669	16,628,047	-2,584,706	+900,378
Missile Procurement, Air Force	2,142,181	2,669,811	2,529,462	+387,281	-140,349
Procurement of Ammunition, Air Force	550,844	795,168	672,321	+121,477	-122,847
Other Procurement, Air Force	23,441,648	25,251,137	25,292,801	+1,851,153	+41,664
Procurement, Space Force	2,310,994	2,766,854	2,741,708	+430,714	-25,146
Procurement, Defense-Wide	5,837,347	5,548,212	5,413,546	-423,801	-134,666
Defense Production Act Purchases	174,639	340,927	385,927	+211,288	+45,000
National Guard and Reserve Equipment	---	---	950,000	+950,000	+950,000
Total, title III, Procurement	136,532,968	132,546,005	134,288,195	-2,244,773	+1,742,190

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE IV					
RESEARCH, DEVELOPMENT, TEST AND EVALUATION					
Research, Development, Test and Evaluation, Army.....	13,969,032	12,799,645	13,381,427	-587,605	+581,782
Research, Development, Test and Evaluation, Navy.....	20,078,829	22,639,362	20,694,650	+615,821	-1,944,712
Research, Development, Test and Evaluation, Air Force.	36,357,443	39,184,328	39,062,352	+2,704,909	-121,976
Research, Development, Test and Evaluation, Space Force.....	10,540,069	11,266,387	10,774,318	+234,249	-492,069
Research, Development, Test and Evaluation, Defense-Wide.....	25,932,671	25,857,875	26,239,486	+306,815	+381,611
Operational Test and Evaluation, Defense.....	257,120	216,591	216,591	-40,529	---
Total, title IV, Research, Development, Test and Evaluation.....	107,135,164	111,964,188	110,368,824	+3,233,660	-1,595,364

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE V					
REVOLVING AND MANAGEMENT FUNDS					
Defense Working Capital Funds.....	1,473,910	1,902,000	1,902,000	+428,090	---
Total, title V, Revolving and Management Funds..	1,473,910	1,902,000	1,902,000	+428,090	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VI					
OTHER DEPARTMENT OF DEFENSE PROGRAMS					
Defense Health Program					
Operation and maintenance	30,747,659	34,182,719	34,064,317	+3,316,658	-118,402
Procurement	544,369	779,008	755,539	+211,170	-23,469
Research, development, test and evaluation	2,392,579	630,680	1,838,680	-553,899	+1,208,000
Total, Defense Health Program 1/	33,684,607	35,592,407	36,658,536	+2,973,929	+1,066,129
Chemical Agents and Munitions Destruction, Defense:					
Operation and maintenance	106,691	93,121	93,121	-13,570	---
Procurement	616	---	---	-616	---
Research, development, test and evaluation	942,493	1,001,231	1,001,231	+58,738	---
Total, Chemical Agents 2/	1,049,800	1,094,352	1,094,352	+44,552	---
Drug Interdiction and Counter-Drug Activities, Defense1/	914,429	821,908	844,996	-69,433	+23,088
Office of the Inspector General 1/	375,439	438,363	438,363	+62,924	---
Total, title VI, Other Department of Defense Programs	36,024,275	37,947,030	39,036,247	+3,011,972	+1,089,217

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 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)	633,719	634,000	562,500	-71,219	-71,500
Total, title VII, Related agencies	1,147,719	1,148,000	1,076,500	-71,219	-71,500

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE VIII					
GENERAL PROVISIONS					
Additional transfer authority (Sec. 8005)	(4,000,000)	(8,000,000)	(6,000,000)	(+2,000,000)	(-2,000,000)
Indian Financing Act incentives (Sec.8020)	25,000	---	25,000	---	+25,000
Rescissions (Sec. 8047)	-3,248,047	---	-1,634,954	+1,613,093	-1,634,954
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)	10,000	---	5,000	-5,000	+5,000
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)
Defense Health O&M transfer authority (Sec. 8091)	(137,000)	(137,000)	(137,000)	---	---
Public Schools on Military Installations (Sec. 8109)	284,000	---	300,000	+16,000	+300,000
Foreign Currency Fluctuations	-375,000	---	---	+375,000	---
Revised fuel costs (Sec. 8121)	-1,700,362	---	-150,000	+1,550,362	-150,000
Afghan Transport	---	---	25,000	+25,000	+25,000
Property Services	---	---	---	---	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
Defense Industrial Base and Supply Chain Resiliency...	100,000	---	---	-100,000	---
Recovered Fraud.....	---	250,000	---	---	-250,000
Readiness.....	300,500	---	---	-300,500	---
Transfer authority.....	---	---	---	---	---
Paycheck timing shift.....	---	---	---	---	---
Total, title VIII, General Provisions.....	-4,554,909	250,000	-1,380,954	+3,173,955	-1,630,954

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
TITLE IX					
OVERSEAS CONTINGENCY OPERATIONS/GLOBAL WAR ON TERRORISM (GWOT)					
Military Personnel					
Military Personnel, Army (GWOT)	2,748,033	---	---	-2,748,033	---
Military Personnel, Navy (GWOT)	382,286	---	---	-382,286	---
Military Personnel, Marine Corps (GWOT)	129,943	---	---	-129,943	---
Military Personnel, Air Force (GWOT)	1,077,168	---	---	-1,077,168	---
Reserve Personnel, Army (GWOT)	33,414	---	---	-33,414	---
Reserve Personnel, Navy (GWOT)	11,771	---	---	-11,771	---
Reserve Personnel, Marine Corps (GWOT)	2,048	---	---	-2,048	---
Reserve Personnel, Air Force (GWOT)	16,816	---	---	-16,816	---
National Guard Personnel, Army (GWOT)	195,314	---	---	-195,314	---
National Guard Personnel, Air Force (GWOT)	5,800	---	---	-5,800	---
Total, Military Personnel	4,602,593	---	---	-4,602,593	---
Operation and Maintenance					
Operation & Maintenance, Army (GWOT)	17,497,254	---	---	-17,497,254	---
Operation & Maintenance, Navy (GWOT)	11,568,363	---	---	-11,568,363	---
Operation & Maintenance, Marine Corps (GWOT)	1,108,667	---	---	-1,108,667	---
Operation & Maintenance, Air Force (GWOT)	18,432,020	---	---	-18,432,020	---
Operation & Maintenance, Space Force (GWOT)	77,115	---	---	-77,115	---
Operation & Maintenance, Defense-Wide (GWOT)	6,041,898	---	---	-6,041,898	---
Operation & Maintenance, Army Reserve (GWOT)	33,399	---	---	-33,399	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
Operation & Maintenance, Navy Reserve (GWOT).....	21,492	---	---	-21,492	---
Operation & Maintenance, Marine Corps Reserve (GWOT)..	8,707	---	---	-8,707	---
Operation & Maintenance, Air Force Reserve (GWOT).....	30,090	---	---	-30,090	---
Operation & Maintenance, Army National Guard (GWOT)...	79,792	---	---	-79,792	---
Operation & Maintenance, Air National Guard (GWOT)....	175,642	---	---	-175,642	---
Subtotal.....	55,074,439	---	---	-55,074,439	---
Afghanistan Security Forces Fund (GWOT).....	3,047,612	---	---	-3,047,612	---
Counter-ISIS Train and Equip Fund (GWOT).....	710,000	---	---	-710,000	---
Total, Operation and Maintenance.....	58,832,051	---	---	-58,832,051	---
Procurement					
Aircraft Procurement, Army (GWOT).....	595,112	---	---	-595,112	---
Missile Procurement, Army (GWOT).....	796,599	---	---	-796,599	---
Procurement of Weapons and Tracked Combat Vehicles, Army (GWOT).....	15,225	---	---	-15,225	---
Procurement of Ammunition, Army (GWOT).....	103,875	---	---	-103,875	---
Other Procurement, Army (GWOT).....	924,823	---	---	-924,823	---
Aircraft Procurement, Navy (GWOT).....	32,905	---	---	-32,905	---
Weapons Procurement, Navy (GWOT).....	5,572	---	---	-5,572	---
Procurement of Ammunition, Navy and Marine Corps (GWOT)	77,424	---	---	-77,424	---
Other Procurement, Navy (GWOT)	341,612	---	---	-341,612	---
Procurement, Marine Corps (GWOT).....	47,963	---	---	-47,963	---
Aircraft Procurement, Air Force (GWOT).....	772,738	---	---	-772,738	---
Missile Procurement, Air Force (GWOT).....	223,772	---	---	-223,772	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
Procurement of Ammunition, Air Force (GWOT)	785,617	---	---	-785,617	---
Other Procurement, Air Force (GWOT)	355,339	---	---	-355,339	---
Procurement, Defense-Wide (GWOT)	342,137	---	---	-342,137	---
National Guard and Reserve Equipment (GWOT)	950,000	---	---	-950,000	---
Total, Procurement	6,370,713	---	---	-6,370,713	---
Research, Development, Test and Evaluation					
Research, Development, Test and Evaluation, Army (GWOT)	175,824	---	---	-175,824	---
Research, Development, Test and Evaluation, Navy (GWOT)	59,562	---	---	-59,562	---
Research, Development, Test and Evaluation, Air Force (GWOT)	5,304	---	---	-5,304	---
Research, Development, Test and Evaluation, Defense-Wide (GWOT)	80,818	---	---	-80,818	---
Total, Research, Development, Test and Evaluation	321,508	---	---	-321,508	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
Revolving and Management Funds					
Defense Working Capital Funds (GWOT).....	20,090	---	---	-20,090	---
Other Department of Defense Programs					
Defense Health Program:					
Operation & Maintenance (GWOT).....	365,098	---	---	-365,098	---
Office of the Inspector General (GWOT).....	24,069	---	---	-24,069	---
Total, Other Department of Defense Programs.....	389,167	---	---	-389,167	---
GENERAL PROVISIONS -- THIS TITLE					
Additional transfer authority (GWOT) (Sec.9002).....	(2,000,000)	---	---	(-2,000,000)	---
Rescissions (GWOT) (Sec.9023).....	-1,886,122	---	---	+1,886,122	---
Total, General Provisions.....	-1,886,122	---	---	+1,886,122	---
Total, title IX (OCO/GWOT).....	68,650,000	---	---	-68,650,000	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
Grand total	696,430,500	706,666,170	706,408,000	+9,977,500	-258,170
Appropriations	(631,028,547)	(706,666,170)	(708,042,954)	(+77,014,407)	(+1,376,784)
Global War on Terrorism (GWOT)	(70,536,122)	---	---	(-70,536,122)	---
Rescissions	(-3,248,047)	---	(-1,634,954)	(+1,613,093)	(-1,634,954)
Rescissions (GWOT)	(-1,886,122)	---	---	(+1,886,122)	---
(Transfer Authority)	(4,179,000)	(8,178,000)	(6,179,000)	(+2,000,000)	(-1,999,000)
(Transfer Authority) (GWOT)	(2,000,000)	---	---	(-2,000,000)	---

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR 2021
AND BUDGET REQUESTS AND AMOUNTS RECOMMENDED IN THE BILL FOR 2022
(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Bill	Bill vs. Enacted	Bill vs. Request
RECAPITULATION					
Title I - Military Personnel	157,807,905	167,285,095	166,797,135	+8,989,230	-487,960
Title II - Operation and Maintenance	192,213,468	253,623,852	254,320,053	+62,106,585	+696,201
Title III - Procurement	136,532,968	132,546,005	134,288,195	-2,244,773	+1,742,190
Title IV - Research, Development, Test and Evaluation	107,135,164	111,964,188	110,368,824	+3,233,660	-1,595,364
Title V - Revolving and Management Funds	1,473,910	1,902,000	1,902,000	+428,090	---
Title VI - Other Department of Defense Programs	36,024,275	37,947,030	39,036,247	+3,011,972	+1,089,217
Title VII - Related Agencies	1,147,719	1,148,000	1,076,500	-71,219	-71,500
Title VIII - General Provisions	-4,554,909	250,000	-1,380,954	+3,173,955	-1,630,954
Title IX - Global War on Terrorism (GWOT)	68,650,000	---	---	-68,650,000	---
Total, Department of Defense	696,430,500	706,666,170	706,408,000	+9,977,500	-258,170
Total, mandatory and discretionary	696,475,500	706,711,170	706,453,000	+9,977,500	-258,170

MINORITY VIEWS

We thank the Chairs of the Full Committee and the Subcommittee for their efforts in producing a Defense Appropriations bill that includes many bipartisan priorities that support our national security and servicemembers. Unfortunately, the topline funding level proposed in this bill is inadequate to meet our urgent national defense requirements. As the Majority proceeds with proposing up to 24 percent increases for other domestic spending bills, this bill effectively cuts funding for our national defense. This is unacceptable at a time when all of our services face significant modernization and readiness challenges. Furthermore, this bill includes many harmful, partisan provisions that prevent us from supporting this bill at this time.

There are many aspects of the bill of which we are appreciative, such as the key investments in platforms that are critical to our warfighters and are supported by many of our Members. These include, but are not limited to, the F–35 Joint Strike Fighter, the Columbia-class Submarine, the Arleigh-Burke Destroyer, and the F/A–18 Super Hornet. We also appreciate the funds directed toward research and development efforts for next-generation technologies that are essential to keeping pace with emerging threats in all warfighting domains.

We are advocates of funding innovative technologies; however, diverting funds from urgent requirements for a vague promise of future capabilities is short sighted. Unfortunately, this is a common theme throughout the bill. For example, this bill does not adequately address critical Army funding needs, such as the funding for the Abrams tank, the Paladin artillery program, and the Joint Light Tactical Vehicle. As a result of the inadequate funding requested in the President's Budget, the Chief of Staff of the Army has requested an additional $369 million for the Abrams tank to avoid delaying fielding to the National Guard, a request that this bill fails to address. This request is even more important given that the Marine Corps is divesting its armor to reorient to the Pacific.

Alarmingly, it is clear that the new administration has not shown a commitment to the Navy's need for at least 355 ships. In fact, the President's Budget proposes to decommission more ships than it plans to procure in Fiscal Year 2022. While we thank Chair McCollum for adding an additional Arleigh Burke-class destroyer, the reality is that we should be buying at least 12 to 14 ships this year to keep pace with our adversaries. This bill only funds 8. The ability to maintain freedom of navigation, and if necessary, mobilize our forces around the world depends on a capable and ready Navy. This bill also cuts in key areas such as jamming, sensors, electronic warfare, digital deception, and autonomous systems. Due to the arbitrary topline funding level, this bill takes from today in

the hope that our investments will outpace our adversaries in the 2030-time frame. This is a risk we cannot afford.

During the Full Committee markup of the bill, we were pleased to find common ground with the Majority in the Manager's Amendment to address several issues important to our Members, such as prohibiting funds to the Wuhan Institute of Virology (WIV), increasing funds for quantum computing initiatives, and urging the Navy to enter into agreements to procure more amphibious ships.

Unfortunately, significant policy differences remain. Some of the priorities that the Minority tried to address during the markup that were denied include the following: our opposition to closing the detention facility at Guantanamo Bay, Cuba; our concerns about the partisan manner by which the Department of Defense is attempting to counter extremism; and our support for the Defense Logistics Agency's 1033 Program.

Mr. Diaz-Balart offered an amendment that would reinstate the longstanding, bipartisan provisions to prohibit the closure of the detention facility at Guantanamo Bay, prohibit the transfer of noncitizen detainees at Guantanamo Bay to the United States, among other policies. Republicans are greatly concerned that, even though the new administration has no plan for the remaining detainees at Guantanamo Bay, this bill proposes closing the facility by the end of Fiscal Year 2022. This is a poor strategy to ensure the safety of the American people and our allies. Unfortunately, despite longstanding bipartisan support for these policies, the amendment was defeated 26–31.

Mr. Diaz-Balart also offered an amendment to prohibit the use of funds for the Department of Defense Countering Extremism Working Group until the Department provides a definition of "extremism" that has been approved by the Secretary of Defense, briefs the Committee on the governance structure that will be used to apply this definition to military personnel and recruits, and certifies that these procedures will not violate the First Amendment rights of our servicemembers. Republican Members were unified in their support for these common-sense measures, but this amendment was defeated 24–33.

Finally, Mr. Rutherford offered an amendment to strike Section 8124 of the bill, which limits what excess property can be transferred from the Department of Defense to state and local law enforcement agencies. Despite Republicans providing relevant examples of how high-grade equipment has been used by law enforcement to save the lives of innocent citizens, the amendment was defeated 23–33.

In conclusion, we remain concerned about the insufficient topline funding level and partisan riders in this bill that could jeopardize enactment of final legislation. We want to work with the Majority as we proceed through the legislative process so that the many bipartisan issues of great national importance in this bill will receive the support they deserve.

KAY GRANGER.
KEN CALVERT.

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