
DEPARTMENT OF DEFENSE

DD 1414

BASE FOR REPROGRAMMING ACTIONS

**DIVISION C OF PUBLIC LAW 117-103, DEPARTMENT OF DEFENSE
APPROPRIATIONS ACT, 2022**

APPROVED: March 15, 2022

EFFECTIVE: OCTOBER 1, 2021

SUBMITTED BY:
Office of the Under Secretary of Defense (Comptroller)
Directorate for Program and Financial Control
Room 3C689, The Pentagon
Telephone: (703) 614-6462

The estimated cost of this report or study
for the Department of Defense is approximately
\$220,000 for the 2022 Fiscal Year. This includes
\$88,000 in expenses and \$132,000 in DoD Labor

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UNDER SECRETARY OF DEFENSE
1100 DEFENSE PENTAGON
WASHINGTON, DC 20301-1100

APR 29 2022

COMPTROLLER

The Honorable Jon Tester
Chairman
Subcommittee on Defense
Committee on Appropriations
United States Senate
Washington, DC 20510

Dear Mr. Chairman:

In accordance with section 8007 of division C of Public Law 117-103, Department of Defense Appropriations Act, 2022 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. A similar letter is being sent to the Chairs of the other congressional defense committees.

A handwritten signature in blue ink, reading "Michael McCord", is positioned above the printed name.

Michael McCord

Enclosure:
As stated

cc:
The Honorable Richard C. Shelby
Vice Chairman

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UNDER SECRETARY OF DEFENSE
1100 DEFENSE PENTAGON
WASHINGTON, DC 20301-1100

COMPTROLLER

APR 29 2022

The Honorable Jack Reed
Chairman
Committee on Armed Services
United States Senate
Washington, DC 20510

Dear Mr. Chairman:

In accordance with section 8007 of division C of Public Law 117-103, Department of Defense Appropriations Act, 2022 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. A similar letter is being sent to the Chairs of the other congressional defense committees.

A handwritten signature in blue ink, reading "Michael McCord", is positioned above the printed name.

Michael McCord

Enclosure:
As stated

cc:
The Honorable James M. Inhofe
Ranking Member

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UNDER SECRETARY OF DEFENSE
1100 DEFENSE PENTAGON
WASHINGTON, DC 20301-1100

COMPTROLLER

APR 29 2022

The Honorable Adam Smith
Chairman
Committee on Armed Services
U. S. House of Representatives
Washington, DC 20515

Dear Mr. Chairman:

In accordance with section 8007 of division C of Public Law 117-103, Department of Defense Appropriations Act, 2022 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. A similar letter is being sent to the Chairs of the other congressional defense committees.

A handwritten signature in blue ink, reading "Michael McCord", is positioned above the printed name.

Michael McCord

Enclosure:
As stated

cc:
The Honorable Mike D. Rogers
Ranking Member

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UNDER SECRETARY OF DEFENSE
1100 DEFENSE PENTAGON
WASHINGTON, DC 20301-1100

COMPTROLLER

APR 29 2022

The Honorable Betty McCollum
Chair
Subcommittee on Defense
Committee on Appropriations
U. S. House of Representatives
Washington, DC 20515

Dear Madam Chair:

In accordance with section 8007 of division C of Public Law 117-103, Department of Defense Appropriations Act, 2022 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. A similar letter is being sent to the Chairs of the other congressional defense committees.

A handwritten signature in blue ink, reading "Michael McCord", is positioned above the printed name.

Michael McCord

Enclosure:
As stated

cc:
The Honorable Ken Calvert
Ranking Member

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Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Military Personnel, Army, 2022/2022 (2010A)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Pay and Allowances of Officers		14,986,568				68,756		15,055,324
FY 2022 Appropriated Base		14,986,568				-7,300		14,979,268
Program increase - Basic Allowance for Subsistence						32,700		
Revised budget estimate						-40,000		
Ukrainian Supplemental, Division N of P.L. 117-103						26,056		26,056
Ukraine Assistance Supplemental (Div. N)						21,309		
Ukraine Assistance Supplemental (Div. N)						4,747		
Other Supplemental(s)						50,000		50,000
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						50,000		
Subtotal Budget Activity 01: Pay and Allowances of Officers		14,986,568				68,756		15,055,324
Budget Activity 02: Pay and Allowances of Enlisted		28,782,283				157,556		28,939,839
FY 2022 Appropriated Base		28,782,283				-20,600		28,761,683
Historical unobligated balances						-58,446		
Program increase - Basic Allowance for Housing						39,400		
Revised budget estimate						-1,554		
Ukrainian Supplemental, Division N of P.L. 117-103						100,156		100,156
Ukraine Assistance Supplemental (Div. N)						100,156		
Other Supplemental(s)						78,000		78,000
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						78,000		
Subtotal Budget Activity 02: Pay and Allowances of Enlisted		28,782,283				157,556		28,939,839
Budget Activity 03: Pay And Allowances Of Cadets		94,375				3,000		97,375
FY 2022 Appropriated Base		94,375				3,000		97,375
Program increase - Basic Allowance for Subsistence						3,000		
Subtotal Budget Activity 03: Pay And Allowances Of Cadets		94,375				3,000		97,375
Budget Activity 04: Subsistence of Enlisted Personnel		2,220,949				-105,835		2,115,114
FY 2022 Appropriated Base		2,220,949				-110,000		2,110,949
Revised budget estimate						-110,000		
Ukrainian Supplemental, Division N of P.L. 117-103						4,165		4,165
Ukraine Assistance Supplemental (Div. N)						4,165		
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		2,220,949				-105,835		2,115,114

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Military Personnel, Army, 2022/2022 (2010A)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 05: Permanent Change of Station Travel		1,610,213				23,418		1,633,631
FY 2022 Appropriated Base		1,610,213				-9,845		1,600,368
1 / Program increase - Red Hill						41,985		
Historical unobligated balances						-40,024		
Revised budget estimate						-11,806		
Other Supplemental(s)						33,263		33,263
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						33,263		
Subtotal Budget Activity 05: Permanent Change of Station Travel		1,610,213				23,418		1,633,631
Budget Activity 06: Other Military Personnel Costs		279,436				-15,000		264,436
FY 2022 Appropriated Base		279,436				-15,000		264,436
Revised budget estimate						-15,000		
Subtotal Budget Activity 06: Other Military Personnel Costs		279,436				-15,000		264,436
Grand Total Military Personnel, Army, 2022/2022		47,973,824				131,895		48,105,719
Financing								
APPROPRIATION, P.L. 117-103 (Base)		47,973,824				-159,745		47,814,079
Ukrainian Supplemental, Division N of P.L. 117-103						130,377		130,377
Other Supplemental(s)						161,263		161,263
TOTAL FINANCING - FY 2022 PROGRAM		47,973,824				131,895		48,105,719
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Reserve Personnel, Army, 2022/2022 (2070A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i	
Budget Activity 01: Reserve Component Training and Support			5,229,805				-72,829		5,156,976
FY 2022 Appropriated Base			5,229,805				-72,829		5,156,976
Historical unobligated balances							-57,000		
Program increase - Basic Allowance for Housing							3,300		
Program increase - Basic Allowance for Subsistence							2,200		
Revised budget estimate							-21,329		
Subtotal Budget Activity 01: Reserve Component Training and Support			5,229,805				-72,829		5,156,976
Grand Total Reserve Personnel, Army, 2022/2022			5,229,805				-72,829		5,156,976
Financing									
APPROPRIATION, P.L. 117-103 (Base)			5,229,805				-72,829		5,156,976
TOTAL FINANCING - FY 2022 PROGRAM			5,229,805				-72,829		5,156,976
Footnotes:									
For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.									

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: National Guard Personnel, Army, 2022/2022 (2060A)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Reserve Component Training and Support		9,051,344				-33,616		9,017,728
FY 2022 Appropriated Base		9,051,344				-33,616		9,017,728
1 / Program increase - State Partnership Program						7,900		
1 / Program increase - pilot program for remote provision of cybersecurity technical assistance						6,000		
1 / Program increase - trauma training						1,200		
1 / Program increase - warrior resiliency and fitness						750		
1 / Program increase - wildfire training						6,500		
Advanced Trauma and Public Health Direct Training Services						1,534		
Exercise Northern Strike						10,000		
Historical unobligated balances						-46,948		
Program increase - Basic Allowance for Housing						6,000		
Program increase - Basic Allowance for Subsistence						8,900		
Revised budget estimate						-35,452		
Subtotal Budget Activity 01: Reserve Component Training and Support		9,051,344				-33,616		9,017,728
Grand Total National Guard Personnel, Army, 2022/2022		9,051,344				-33,616		9,017,728
Financing								
APPROPRIATION, P.L. 117-103 (Base)		9,051,344				-33,616		9,017,728
TOTAL FINANCING - FY 2022 PROGRAM		9,051,344				-33,616		9,017,728
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Army , 2022/2022 (2020A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		36,846,243				1,486,647		38,332,890
FY 2022 Appropriated Base		36,846,243				352,073		37,198,316
1 / Program increase (FSRM)						276,673		
1 / Program increase - AFFF disposal						1,200		
1 / Program increase - INDOPACOM Pacific multi-domain training and experimentation capability						900		
1 / Program increase - ISR						67,000		
1 / Program increase - National Defense University						50,000		
1 / Program increase - PFAS remediation activities						7,350		
1 / Program increase - United States Military Academy						50,000		
1 / Program increase - VOLAR barracks renovation						73,000		
1 / Program increase - camouflage						20,000		
1 / Program increase - holistic health and fitness						1,500		
1 / Program increase - human optimization						5,000		
1 / Program increase - natural resource management						15,000		
1 / Program increase - post production software support						40,000		
1 / Program increase - renaming institutions						1,000		
1 / Red Hill						80,561		
2 / Unjustified growth - Afghanistan reconciliation						-15,000		
Army Identified Post Afghanistan decreases						-250,000		
Electric Vehicle Infrastructure Program						50,000		
FFRDC Reductions (Sec. 8027)						-2,676		
Fuel						155,240		
Minimum Wage Increases						78,960		
Program decrease unaccounted for						-80,000		
Program increase - P.L. 115-68						965		
Transportation Command Working Capital Fund						15,400		
Unjustified growth						-290,000		
4 / ARMY (O&M) - REPROGRAMMING GUIDANCE								
Ukrainian Supplemental, Division N of P.L. 117-103						1,111,934		1,111,934
Ukraine Assistance Supplemental (Div. N)						1,111,934		
Other Supplemental(s)						22,640		22,640
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						22,640		
Subtotal Budget Activity 01: Operating Forces		36,846,243				1,486,647		38,332,890

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Army , 2022/2022 (2020A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Mobilization		738,969				5,751		744,720
FY 2022 Appropriated Base		738,969				5,751		744,720
Fuel						651		
Transportation Command Working Capital Fund						5,100		
Subtotal Budget Activity 02: Mobilization		738,969				5,751		744,720
Budget Activity 03: Training and Recruiting		5,460,503				23,342		5,483,845
FY 2022 Appropriated Base		5,460,503				23,342		5,483,845
1 / Program increase - JROTC STEM training and education						3,000		
1 / Program increase - ROTC helicopter training program						650		
FFRDC Reductions (Sec. 8027)						-15		
Fuel						35,217		
Minimum Wage Increases						40		
P.L. 115-68 Implementation						250		
Unjustified growth						-15,800		
4 / ARMY (O&M) - REPROGRAMMING GUIDANCE								
Subtotal Budget Activity 03: Training and Recruiting		5,460,503				23,342		5,483,845
Budget Activity 04: Admin & Srvwide Activities		11,570,682				-135,850		11,434,832
FY 2022 Appropriated Base		11,570,682				-137,150		11,433,532
1 / Classified adjustment						6,900		
1 / Program increase - Automated Biometrics Identity System						2,090		
1 / Program increase - Capitol Fourth						1,400		
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						4,300		
1 / Program increase - SOUTHCOM ISR						18,000		
1 / Program increase - alternatives to GPS						10,000		
1 / Program increase - real estate inventory tool						3,500		
1 / Red Hill						2,467		
2 / Program decrease - Army Futures Command						-20,000		
FFRDC Reductions (Sec. 8027)						-73		
Fuel						892		
Program decrease unaccounted for						-10,000		
Section 8067 – Transfer to X-year						-152,926		
Transportation Command Working Capital Fund						15,300		
Unjustified growth						-19,000		
Ukrainian Supplemental, Division N of P.L. 117-103						1,300		1,300
Ukraine Assistance Supplemental (Div. N)						1,300		
Subtotal Budget Activity 04: Admin & Srvwide Activities		11,570,682				-135,850		11,434,832

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Army , 2022/2022 (2020A)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Grand Total Operation and Maintenance, Army , 2022/2022		54,616,397				1,379,890		55,996,287
Financing								
APPROPRIATION, P.L. 117-103 (Base)		54,616,397				246,780		54,863,177
Ukrainian Supplemental, Division N of P.L. 117-103						1,113,234		1,113,234
Other Supplemental(s)						22,640		22,640
FFRDC Reductions						-2,764		
Subtotal General Provision Reductions								-2,764
Subtotal General Provisions								-2,764
TOTAL FINANCING - FY 2022 PROGRAM		54,616,397				1,379,890		55,996,287
Footnotes: <p>1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.</p> <p>2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.</p> <p>4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of these lines for Title II funds: 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; and Flight Training.</p> <p>For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Army, 2022/XXXX (2020AX)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Admin & Srvwide Activities						152,926		152,926
FY 2022 Appropriated Base						152,926		152,926
Section 8067 - Transfer from 2020A 2022/2022						152,926		
Subtotal Budget Activity 04: Admin & Srvwide Activities						152,926		152,926
Grand Total Operation and Maintenance, Army, 2022/XXXX						152,926		152,926
Financing								
APPROPRIATION, P.L. 117-103 (Base)						152,926		152,926
TOTAL FINANCING - FY 2022 PROGRAM						152,926		152,926
Footnotes:								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Army Reserve , 2022/2022 (2080A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		2,872,715				28,400		2,901,115
FY 2022 Appropriated Base		2,872,715				28,400		2,901,115
1 / Program increase (FSRM)						40,000		
Fuel						4,900		
Trauma Training						1,500		
Unjustified Growth						-15,000		
Unjustified growth						-3,000		
Subtotal Budget Activity 01: Operating Forces		2,872,715				28,400		2,901,115
Budget Activity 04: Admin & Srvwd Activities		127,920				3,220		131,140
FY 2022 Appropriated Base		127,920				3,220		131,140
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						3,220		
Subtotal Budget Activity 04: Admin & Srvwd Activities		127,920				3,220		131,140
Grand Total Operation and Maintenance, Army Reserve , 2022/2022		3,000,635				31,620		3,032,255
Financing								
APPROPRIATION, P.L. 117-103 (Base)		3,000,635				31,620		3,032,255
TOTAL FINANCING - FY 2022 PROGRAM		3,000,635				31,620		3,032,255
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Army National Guard, 2022/2022 (2065A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		7,209,024				70,414		7,279,438
FY 2022 Appropriated Base		7,209,024				70,414		7,279,438
1 / Program increase (FSRM)						70,500		
1 / Program increase - AFFF disposal						650		
1 / Program increase - Advanced trauma and public health direct training services						534		
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						19,830		
1 / Program increase - Northern Strike						13,000		
1 / Program increase - pilot program for remote provision of cybersecurity technical assistance						2,000		
1 / Program increase - prevention workforce						1,600		
1 / Program increase - warrior resiliency and fitness						2,250		
1 / Program increase - wildfire training						1,500		
Fuel						21,500		
Historical Unobligated Balances						-13,950		
Program decrease unaccounted for						-18,500		
Trauma Training						2,000		
Unjustified growth						-32,500		
4 / Army National Guard (O&M) - REPROGRAMMING GUIDANCE								
Subtotal Budget Activity 01: Operating Forces		7,209,024				70,414		7,279,438
Budget Activity 04: Admin & Srvwd Activities		438,185				-3,150		435,035
FY 2022 Appropriated Base		438,185				-3,150		435,035
1 / Program increase - State Partnership Program						5,000		
Historical Unobligated Balances						-6,050		
Transportation Command Working Capital Fund						900		
Unjustified growth						-3,000		
Subtotal Budget Activity 04: Admin & Srvwd Activities		438,185				-3,150		435,035
Grand Total Operation and Maintenance, Army National Guard, 2022/2022		7,647,209				67,264		7,714,473
Financing								
APPROPRIATION, P.L. 117-103 (Base)		7,647,209				67,264		7,714,473
TOTAL FINANCING - FY 2022 PROGRAM		7,647,209				67,264		7,714,473
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
4 / The line items Base Operations Support and Facilities Sustainment, Restoration, and Modernization have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million into this line item for Title II funds.								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Environmental Restoration, Army, 2022/XXXX (0810AX)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Department Of The Army		200,806				98,202		299,008
FY 2022 Appropriated Base		200,806				98,202		299,008
General program increase						50,202		
Program increase provided for the Army and Army National Guard to address costs associated with remediating contamination caused by per- and polyfluoroalkyl substances						48,000		
Subtotal Budget Activity 01: Department Of The Army		200,806				98,202		299,008
Grand Total Environmental Restoration, Army, 2022/XXXX		200,806				98,202		299,008
Financing								
APPROPRIATION, P.L. 117-103 (Base)		200,806				98,202		299,008
TOTAL FINANCING - FY 2022 PROGRAM		200,806				98,202		299,008

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Afghanistan Security Forces Fund, 2022/2023 (2091A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i
Budget Activity 06: Afghan National Army		1,110,234				-1,110,234		
FY 2022 Appropriated Base		1,110,234				-1,110,234		
2 / Program decrease						-1,110,234		
Subtotal Budget Activity 06: Afghan National Army		1,110,234				-1,110,234		
Budget Activity 07: Afghan National Police		517,331				-517,331		
FY 2022 Appropriated Base		517,331				-517,331		
2 / Program decrease						-517,331		
Subtotal Budget Activity 07: Afghan National Police		517,331				-517,331		
Budget Activity 08: Afghan Air Force		758,340				-758,340		
FY 2022 Appropriated Base		758,340				-758,340		
2 / Program decrease						-758,340		
Subtotal Budget Activity 08: Afghan Air Force		758,340				-758,340		
Budget Activity 09: Afghan Special Security Forces		941,905				-941,905		
FY 2022 Appropriated Base		941,905				-941,905		
2 / Program decrease						-941,905		
Subtotal Budget Activity 09: Afghan Special Security Forces		941,905				-941,905		
Grand Total Afghanistan Security Forces Fund, 2022/2023		3,327,810				-3,327,810		
Financing								
APPROPRIATION, P.L. 117-103 (Base)		3,327,810				-3,327,810		
TOTAL FINANCING - FY 2022 PROGRAM		3,327,810				-3,327,810		
Footnotes:								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Counter-Islamic State of Iraq and the Levant Train and Equip Fund, 2022/2023 (2099A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Counter ISIS Train and Equip Fund (CTEF)		522,000				-22,000		500,000
FY 2022 Appropriated Base		522,000				-22,000		500,000
2 / Program decrease						-22,000		
Subtotal Budget Activity 01: Counter ISIS Train and Equip Fund (CTEF)		522,000				-22,000		500,000
Grand Total Counter-Islamic State of Iraq and the Levant Train and Equip Fund,		522,000				-22,000		500,000
Financing								
APPROPRIATION, P.L. 117-103 (Base)		522,000				-22,000		500,000
TOTAL FINANCING - FY 2022 PROGRAM		522,000				-22,000		500,000
Footnotes:								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Army, 2022/2024 (2031A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Aircraft								
01 SMALL UNMANNED AIRCRAFT SYSTEM		16,005						16,005
FY 2022 Appropriated Base		16,005						16,005
01 AH-64 Apache Block IIIA Reman	30	504,136				-35,000	30	469,136
FY 2022 Appropriated Base	30	504,136				-35,000	30	469,136
2 / Unit cost growth						-10,000		
2 / Program growth						-25,000		
01 AH-64 Apache Block IIIA Reman Advance Procurement (CY)		192,230						192,230
FY 2022 Appropriated Base		192,230						192,230
01 UH-60 Blackhawk M Model (MYP)	24	630,263				211,500	24	841,763
FY 2022 Appropriated Base	24	630,263				211,500	24	841,763
1 / Program increase - nine HH-60M for the National Guard						211,500		
01 UH-60 Blackhawk M Model (MYP) Advance Procurement (CY)		146,068						146,068
FY 2022 Appropriated Base		146,068						146,068
01 UH-60 Black Hawk L and V Models	24	166,205					24	166,205
FY 2022 Appropriated Base	24	166,205					24	166,205
01 CH-47 Helicopter	6	145,218				169,900	6	315,118
FY 2022 Appropriated Base	6	145,218				169,900	6	315,118
1 / Program increase - F Block II						140,900		
4 / Program increase - F Block II. The FY22 Enacted Position Provided \$29M of Advance Procurement to support the F Block II upgrade. These funds were realigned from the advance procurement to execute the additional procurement.						29,000		
01 CH-47 Helicopter Advance Procurement (CY)		18,559						18,559
FY 2022 Appropriated Base		18,559						18,559
1 / Program increase - F Block II						29,000		
3 / Program increase - F Block II. The FY22 Enacted Position Provided \$29M of Advance Procurement to support the F Block II upgrade. These funds were realigned to the Base to execute the additional procurement.						-29,000		
01 UTILITY F/W CARGO AIRCRAFT						6,000		6,000
FY 2022 Appropriated Base						6,000		6,000
1 / Program increase - fixed wing avionics upgrade						6,000		
Subtotal Budget Activity 01: Aircraft		1,818,684				352,400		2,171,084

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Army, 2022/2024 (2031A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i
Budget Activity 02: Modification of Aircraft								
02	Gray Eagle Mods2							
		3,143				120,000		123,143
	FY 2022 Appropriated Base					120,000		123,143
	1 /	Program increase - recapitalization of legacy MQ-1C to extended range MDO configuration				120,000		
02	MULTI SENSOR ABN RECON					-6,755		120,910
		127,665				-6,755		120,910
	FY 2022 Appropriated Base					-6,755		120,910
	2 /	Spares previously funded				-4,755		
	2 /	Cost growth				-2,000		
02	AH-64 MODS							118,560
		118,560						118,560
	FY 2022 Appropriated Base							118,560
02	CH-47 Cargo Helicopter Mods (MYP)					12,000		21,918
		9,918				12,000		21,918
	FY 2022 Appropriated Base					12,000		21,918
	1 /	Program increase - hybrid enhanced ballistic missile protection system				10,000		
	1 /	Program increase - improved vibration control				2,000		
02	GRCS SEMA MODS							2,762
		2,762						2,762
	FY 2022 Appropriated Base							2,762
02	ARL SEMA MODS					5,000		14,437
		9,437				5,000		14,437
	FY 2022 Appropriated Base					5,000		14,437
	1 /	Program increase - APUs				5,000		
02	EMARSS SEMA MODS							1,568
		1,568						1,568
	FY 2022 Appropriated Base							1,568
02	Utility/Cargo Airplane Mods							8,530
		8,530						8,530
	FY 2022 Appropriated Base							8,530
02	Utility Helicopter Mods					9,500		25,326
		15,826				9,500		25,326
	FY 2022 Appropriated Base					9,500		25,326
	1 /	Program increase - UH-60 generators				9,500		
02	Network And Mission Plan							29,206
		29,206						29,206
	FY 2022 Appropriated Base							29,206
02	Comms, Nav Surveillance							58,117
		58,117						58,117
	FY 2022 Appropriated Base							58,117
02	Aviation ASSURED PNT					-1,166		45,862
		47,028				-1,166		45,862
	FY 2022 Appropriated Base					-1,166		45,862
	2 /	Fielding costs previously funded				-1,166		
02	GATM Rollup							16,776
		16,776						16,776
	FY 2022 Appropriated Base							16,776
02	UAS MODS							3,840
		3,840						3,840
	FY 2022 Appropriated Base							3,840
02	RQ-7 UAV MODS					6,000		6,000
						6,000		6,000
	FY 2022 Appropriated Base					6,000		6,000
	1 /	Program increase - block III kit installation				6,000		
Subtotal Budget Activity 02: Modification of Aircraft		452,376				144,579		596,955

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Aircraft Procurement, Army, 2022/2024 (2031A)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Support Equipment and Facilities								
04 Aircraft Survivability Equipment		64,561				-1,600		62,961
FY 2022 Appropriated Base		64,561				-1,600		62,961
2 / Cost growth						-1,600		
04 Survivability CM		5,104						5,104
FY 2022 Appropriated Base		5,104						5,104
04 CMWS		148,570						148,570
FY 2022 Appropriated Base		148,570						148,570
04 Common Infrared Countermeasures (CIRCM)	101	240,412				-6,400	101	234,012
FY 2022 Appropriated Base	101	240,412				-6,400	101	234,012
2 / Fielding costs previously funded						-4,000		
2 / Training support cost growth						-2,400		
04 Common Ground Equipment		13,561						13,561
FY 2022 Appropriated Base		13,561						13,561
04 Aircrew Integrated Systems		41,425						41,425
FY 2022 Appropriated Base		41,425						41,425
04 Air Traffic Control		21,759						21,759
FY 2022 Appropriated Base		21,759						21,759
Subtotal Budget Activity 04: Support Equipment and Facilities		535,392				-8,000		527,392
Grand Total Aircraft Procurement, Army, 2022/2024		2,806,452				488,979		3,295,431
Financing								
APPROPRIATION, P.L. 117-103 (Base)		2,806,452				488,979		3,295,431
TOTAL FINANCING - FY 2022 PROGRAM		2,806,452				488,979		3,295,431
Footnotes: <ul style="list-style-type: none"> 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. 3 / This item reflects an adjustment to realign a congressionally modified item, Program increase - F Block II. The FY22 Enacted Position Provided \$29M of Advance Procurement to support the F Block II upgrade. These funds were realigned to the Base to execute the additional procurement. The adjustment does not change the purpose for which the funds were appropriated. 4 / This item reflects an adjustment to realign a congressionally modified item, Program increase - F Block II. The FY22 Enacted Position Provided \$29M of Advance Procurement to support the F Block II upgrade. These funds were realigned from the advance procurement to execute the additional procurement. The adjustment does not change the purpose for which the funds were appropriated. <p>For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Missile Procurement, Army, 2022/2024 (2032A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Other Missiles								
02 Lower Tier Air and Missile Defense (AMD) Sen		35,473				-2,000		33,473
FY 2022 Appropriated Base		35,473				-2,000		33,473
2 / IPF excess request						-2,000		
02 M-SHORAD - Procurement	37	331,575			-4		33	331,575
FY 2022 Appropriated Base	37	331,575			-4		33	331,575
Appropriated. Definitization of the UCA reduced QTYs.					-4			
02 MSE Missile	180	776,696				-5,000	180	771,696
FY 2022 Appropriated Base	180	776,696				-5,000	180	771,696
2 / Obsolescence						-5,000		
02 PRECISION STRIKE MISSILE (PRSM)	110	166,130			-22		88	166,130
FY 2022 Appropriated Base	110	166,130			-22		88	166,130
Appropriated. PrSM missile cost increase reflects approved Milestone B Army Cost Position resulting in fewer quantities.					-22			
02 INDIRECT FIRE PROTECTION CAPABILITY INC 2-I		25,253				-6,200		19,053
FY 2022 Appropriated Base		25,253				-6,200		19,053
2 / Maintain level of effort						-6,200		
02 Hellfire Sys Summary	802	118,800			118	-3,369	920	115,431
FY 2022 Appropriated Base	802	118,800			118	-3,369	920	115,431
2 / Price Savings.						-3,369		
Appropriated. Increase due to restructuring of the fielding cost, additional missiles to be procured in FY22.					118			
02 Joint Air-to-Ground MSLS (JAGM)	386	152,177			-27	-5,000	359	147,177
FY 2022 Appropriated Base	386	152,177			-27	-5,000	359	147,177
2 / Unit cost growth					-27	-5,000		
02 Long Range Precision Munition	179	44,744			57		236	44,744
FY 2022 Appropriated Base	179	44,744			57		236	44,744
Appropriated. Lowered unit cost due to negotiated contract pricing direct with the vendor allowing more to be procured.					57			

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Missile Procurement, Army, 2022/2024 (2032A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Javelin (AAWS-M) System Summary	376	120,842			-11	7,970	365	128,812
FY 2022 Appropriated Base	376	120,842			-11	7,970	365	128,812
1 / Program increase - tooling for G model upgrade						10,000		
2 / Javelin CLUs Mark. AUR unit cost growth.					-11	-2,030		
02 TOW 2 System Summary	887	104,412				-2,500	887	101,912
FY 2022 Appropriated Base	887	104,412				-2,500	887	101,912
2 / Obsolescence						-2,500		
02 Guided MLRS Rocket (GMLRS)	5,817	935,917			21	-73,218	5,838	862,699
FY 2022 Appropriated Base	5,817	935,917			21	-73,218	5,838	862,699
1 / Program increase - additional AURs. GMLRS rocket mix/updated to actual contract numbers. This also includes using refurbished rocket pods vice new.					21	50,000		
2 / Tooling request previously funded						-17,655		
2 / Unit cost adjustment						-105,563		
02 MLRS Reduced Range Practice Rockets (RRPR)	3,048	29,574			600		3,648	29,574
FY 2022 Appropriated Base	3,048	29,574			600		3,648	29,574
Appropriated. Production shifted to LEMC which has lower unit costs enabling additional quantities.					600			
02 High Mobility Artillery Rocket System (HIMARS)	19	128,438					19	128,438
FY 2022 Appropriated Base	19	128,438					19	128,438
02 LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	900	68,278				-6,870	900	61,408
FY 2022 Appropriated Base	900	68,278				-6,870	900	61,408
2 / Unit cost adjustment						-6,870		
Subtotal Budget Activity 02: Other Missiles		3,038,309				-96,187		2,942,122
Budget Activity 03: Modification of Missiles								
03 Patriot Mods		205,469						205,469
FY 2022 Appropriated Base		205,469						205,469
03 AVENGER MODS		11,227						11,227
FY 2022 Appropriated Base		11,227						11,227
03 ITAS/TOW Mods		4,561						4,561
FY 2022 Appropriated Base		4,561						4,561
03 MLRS Mods		273,856						273,856
FY 2022 Appropriated Base		273,856						273,856
03 HIMARS Modifications		7,192						7,192
FY 2022 Appropriated Base		7,192						7,192
Subtotal Budget Activity 03: Modification of Missiles		502,305						502,305

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Missile Procurement, Army, 2022/2024 (2032A)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Spares and Repair Parts								
04 Spares And Repair Parts		5,019						5,019
FY 2022 Appropriated Base		5,019						5,019
Subtotal Budget Activity 04: Spares and Repair Parts		5,019						5,019
Budget Activity 05: Support Equipment and Facilities								
05 Air Defense Targets		10,618						10,618
FY 2022 Appropriated Base		10,618						10,618
Subtotal Budget Activity 05: Support Equipment and Facilities		10,618						10,618
Grand Total Missile Procurement, Army, 2022/2024		3,556,251				-96,187		3,460,064
Financing								
APPROPRIATION, P.L. 117-103 (Base)		3,556,251				-96,187		3,460,064
TOTAL FINANCING - FY 2022 PROGRAM		3,556,251				-96,187		3,460,064
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement of Weapons and Tracked Combat Vehicles, Army , 2022/2024 (2033A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Tracked Combat Vehicles								
01 Armored Multi Purpose Vehicle (AMPV)		104,727				-21,381		83,346
FY 2022 Appropriated Base		104,727				-21,381		83,346
2 / Maintain level of effort						-6,781		
2 / Change orders early to need						-14,600		
01 ASSAULT BREACHER VEHICLE (ABV)		16,454						16,454
FY 2022 Appropriated Base		16,454						16,454
01 Mobile Protected Firepower	23	286,977					23	286,977
FY 2022 Appropriated Base	23	286,977					23	286,977
01 Stryker Upgrade	187	1,005,028			41	77,800	228	1,082,828
FY 2022 Appropriated Base	187	1,005,028			41	77,800	228	1,082,828
1 / Program increase					41	139,000		
2 / Fielding costs excess growth						-18,000		
2 / CROWS-J overestimation						-23,000		
2 / Engineering support early to need						-20,200		
01 Bradley Program (MOD)		461,385				-1,000		460,385
FY 2022 Appropriated Base		461,385				-1,000		460,385
1 / Program increase - Bradley program modifications						20,000		
2 / Training device excess request						-4,000		
2 / Survivability enhancements insufficient justification						-2,000		
2 / Price discrepancies						-6,400		
2 / Mobility modifications early to need						-8,600		
01 M109 FOV Modifications		2,534						2,534
FY 2022 Appropriated Base		2,534						2,534
01 Paladin Integrated Management (PIM)	25	446,430			18	216,470	43	662,900
FY 2022 Appropriated Base	25	446,430			18	216,470	43	662,900
1 / Program increase - additional 23 PIM					23	227,470		
2 / Unit cost growth					-5	-11,000		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:						Fiscal Year Program:			
Procurement of Weapons and Tracked Combat Vehicles, Army , 2022/2024 (2033A)						2022			
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01	Improved Recovery Vehicle (M88A2 HERCULES)		52,059						52,059
	FY 2022 Appropriated Base		52,059						52,059
01	Assault Bridge (Mod)		2,136						2,136
	FY 2022 Appropriated Base		2,136						2,136
01	Joint Assault Bridge	23	110,773					23	110,773
	FY 2022 Appropriated Base	23	110,773					23	110,773
01	Abrams Upgrade Program	70	981,337			20	164,500	90	1,145,837
	FY 2022 Appropriated Base	70	981,337			20	164,500	90	1,145,837
	1 / Program increase - additional 20 Abrams					20	175,000		
	2 / Field modifications installation early to need						-10,500		
01	VEHICLE PROTECTION SYSTEMS (VPS)		80,286				-5,000		75,286
	FY 2022 Appropriated Base		80,286				-5,000		75,286
	2 / Excess request						-5,000		
Subtotal Budget Activity 01: Tracked Combat Vehicles			3,550,126				431,389		3,981,515
Budget Activity 02: Weapons and Other Combat Vehicles									
02	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S		31,623						31,623
	FY 2022 Appropriated Base		31,623						31,623
02	Mortar Systems		37,485				-4,500		32,985
	FY 2022 Appropriated Base		37,485				-4,500		32,985
	2 / Unit cost growth						-4,500		
02	XM320 Grenade Launcher Module (GLM)		8,666						8,666
	FY 2022 Appropriated Base		8,666						8,666
02	Precision Sniper Rifle		11,040				-1,800		9,240
	FY 2022 Appropriated Base		11,040				-1,800		9,240
	2 / Unit cost growth						-1,800		
02	Carbine		4,434						4,434
	FY 2022 Appropriated Base		4,434						4,434
02	Next Generation Squad Weapon		97,087						97,087
	FY 2022 Appropriated Base		97,087						97,087
02	Handgun		4,930						4,930
	FY 2022 Appropriated Base		4,930						4,930

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Procurement of Weapons and Tracked Combat Vehicles, Army , 2022/2024 (2033A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
a									
02	MK-19 Grenade Machine Gun MODS		13,027				10,000		23,027
	FY 2022 Appropriated Base		13,027				10,000		23,027
	1 / Program increase - MK93 machine gun mounts						10,000		
02	M777 Mods		21,976				-5,400		16,576
	FY 2022 Appropriated Base		21,976				-5,400		16,576
	2 / Unjustified cost growth						-5,400		
02	M2 50 Cal Machine Gun MODS		3,612				3,000		6,612
	FY 2022 Appropriated Base		3,612				3,000		6,612
	1 / Program increase - cannon life extension						3,000		
02	Items Less Than \$5.0m (WOCV-WTCV)		1,068						1,068
	FY 2022 Appropriated Base		1,068						1,068
02	Production Base Support (WOCV-WTCV)		90,819						90,819
	FY 2022 Appropriated Base		90,819						90,819
02	M240 Medium Machine Gun (7.62mm)						10,500		10,500
	FY 2022 Appropriated Base						10,500		10,500
	1 / Program increase - M240 machine guns						10,500		
Subtotal Budget Activity 02: Weapons and Other Combat Vehicles			325,767				11,800		337,567
Grand Total Procurement of Weapons and Tracked Combat Vehicles, Army ,			3,875,893				443,189		4,319,082
Financing									
APPROPRIATION, P.L. 117-103 (Base)			3,875,893				443,189		4,319,082
TOTAL FINANCING - FY 2022 PROGRAM			3,875,893				443,189		4,319,082
Footnotes:									
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.									
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.									
For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.									

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement of Ammunition, Army, 2022/2024 (2034A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Ammunition								
01 CTG, 5.56MM, All Types		47,490				18,000		65,490
FY 2022 Appropriated Base		47,490				18,000		65,490
1 / Program increase						20,864		
2 / 5.56mm Blank, M200 Linked f/SAW E01101 excess to need						-864		
2 / 5.56mm Ball, M855A1 EPR, Clipped Mil Pack, E95400 excess to need						-2,000		
01 CTG, 7.62MM, All Types		74,870				27,056		101,926
FY 2022 Appropriated Base		74,870				27,056		101,926
1 / Program increase						28,473		
2 / Unit cost growth						-1,417		
01 NEXT GENERATION SQUAD WEAPON AMMUNITION		76,794				-5,560		71,234
FY 2022 Appropriated Base		76,794				-5,560		71,234
2 / Reduce carryover						-5,560		
01 CTG, Handgun, All Types		7,812						7,812
FY 2022 Appropriated Base		7,812						7,812
01 CTG, .50 Cal, All Types		29,716				28,400		58,116
FY 2022 Appropriated Base		29,716				28,400		58,116
1 / Program increase						30,400		
2 / Unit cost growth						-2,000		
01 CTG, 20mm, All Types		4,371						4,371
FY 2022 Appropriated Base		4,371						4,371
01 CTG, 30mm, All Types		34,511				10,939		45,450
FY 2022 Appropriated Base		34,511				10,939		45,450
1 / Program increase - Mk317 and Mk258						13,000		
2 / CTG 30mm HEDP M789 Single Round, E09900 excess to need						-1,900		
2 / Complete Round M788 TP, E10100 excess to need						-161		
01 CTG, 40mm, All Types		35,231				3,113		38,344
FY 2022 Appropriated Base		35,231				3,113		38,344
1 / Program increase - 40mm Training Practice (TP) M918/M385A1 Mixed Belt rounds						14,000		
2 / BA54 40mm TP/Day/Nite/Ther Low Velocity excess to need						-7,873		
2 / BA55, 40mm TP-Day/Nite/Ther, Hi Velocity excess to need						-3,014		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Procurement of Ammunition, Army, 2022/2024 (2034A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01	60MM Mortar, All Types		23,219				-3,854		19,365
	FY 2022 Appropriated Base		23,219				-3,854		19,365
2	/ 60mm Mortar FRTR, M769 Series w/ Practice Fuze, E92900 excess to need						-743		
2	/ 60mm Mortar HE, M768 Series w/PD Fuze, E92200 unit cost growth						-3,111		
3	/ Realigned From 60mm Mortar FRTR, M769 Series w/ Practice Fuze, E92900 to 60mm Mortar FRTR, M769 Series w/ Practice Fuze, E92200 excess to need for proper execution						743		
3	/ Realigned to 60mm Mortar FRTR, M769 Series w/Practice Fuze, E92200 from 60mm Mortar FRTR, M769 Series w/ Practice Fuze, E92900 excess to need for proper execution						-743		
4	/ Realigned from 60mm Mortar HE, M768 Series w/PD Fuze, E92200 to 60mm Mortar HE, M768 Series w/PD Fuze, E92900 unit cost growth for proper execution						3,111		
4	/ Realigned to 60mm Mortar HE, M768 Series w/PD Fuze, E92900 from 60mm Mortar HE, M768 Series w/PD Fuze, E92200 unit cost growth for proper execution						-3,111		
01	81MM Mortar, All Types		52,135				-9,400		42,735
	FY 2022 Appropriated Base		52,135				-9,400		42,735
2	/ 81mm Mortar HE, M821 Series w/ MOFM, E18403 excess to need						-9,400		
01	120MM Mortar, All Types		104,144				-13,343		90,801
	FY 2022 Appropriated Base		104,144				-13,343		90,801
2	/ 120mm Mortar HE, M933 Series w/PD Fuze, E25502 unjustified growth						-10,490		
2	/ 120mm Mortar VL ILLM, M930 Series w/MTSQ Fuze, E25503 unjustified growth						-2,853		
01	Cartridges, Tank, 105MM And 120MM, All Types		224,503				-20,500		204,003
	FY 2022 Appropriated Base		224,503				-20,500		204,003
2	/ Program decrease						-20,500		
01	Artillery Cartridges, 75MM & 105MM, All Types		26,709						26,709
	FY 2022 Appropriated Base		26,709						26,709

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement of Ammunition, Army, 2022/2024 (2034A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01 ARTILLERY PROJECTILE, 155MM, All Types		174,015				-31,433		142,582
FY 2022 Appropriated Base		174,015				-31,433		142,582
1 / Program increase - XM1113 and XM1128						5,000		
2 / 155mm Extended Range Spotting, M1121, E21618 excess to need						-1,478		
2 / 155mm HE, M795, E66800 excess to need						-30,890		
2 / 155mm WP Smoke M825, E67800 excess to need						-4,065		
01 Proj 155mm Extended Range M982	350	73,498				-16,743	350	56,755
FY 2022 Appropriated Base	350	73,498				-16,743	350	56,755
2 / E80103 restoring acquisition accountability						-16,743		
01 Artillery Propellants, Fuzes and Primers, All		150,873				111,578		262,451
FY 2022 Appropriated Base		150,873				111,578		262,451
1 / Program increase - PGK						120,000		
2 / XM654, E99350 and XM59, E99360 early to need						-8,422		
01 Mines & Clearing Charges, All Types		25,980				-5,000		20,980
FY 2022 Appropriated Base		25,980				-5,000		20,980
2 / Reduce carryover						-5,000		
01 Close Terrain Shaping Obstacle		34,761						34,761
FY 2022 Appropriated Base		34,761						34,761
01 Shoulder Launched Munitions, All Types		24,408				-7,024		17,384
FY 2022 Appropriated Base		24,408				-7,024		17,384
2 / Munition 83mm Bunker Defeat (BDM) Rocket and Launcher M141, E88401 excess to need						-7,024		
01 Rocket, Hydra 70, All Types		109,536				8,000		117,536
FY 2022 Appropriated Base		109,536				8,000		117,536
1 / Program increase						8,000		
01 CAD/PAD, All Types		6,549				-1,952		4,597
FY 2022 Appropriated Base		6,549				-1,952		4,597
2 / Reduce carryover						-1,952		
01 Demolition Munitions, All Types		27,904				-4,436		23,468
FY 2022 Appropriated Base		27,904				-4,436		23,468
2 / Charge, Demo Cratering 40lb, E51300 reduce carryover						-3,878		
2 / Charge, Demo, (50ft), Sheet Explosive, M186 quantities previously funded						-558		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Procurement of Ammunition, Army, 2022/2024 (2034A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01	Grenades, All Types		37,437				-6,000		31,437
	FY 2022 Appropriated Base		37,437				-6,000		31,437
2 /	Grenade 66MM Vehicle Launched White Smoked Screening Training, E00500 restoring acquisition accountability						-1,000		
2 /	Grenade Hand Offensive M111, E33010 unjustified growth						-5,000		
01	Signals, All Types		7,530						7,530
	FY 2022 Appropriated Base		7,530						7,530
01	Simulators, All Types		8,350				-1,000		7,350
	FY 2022 Appropriated Base		8,350				-1,000		7,350
2 /	Reduce carryover						-1,000		
01	REACTIVE ARMOR TILES		17,755						17,755
	FY 2022 Appropriated Base		17,755						17,755
01	Ammo Components, All Types		2,784				-1,284		1,500
	FY 2022 Appropriated Base		2,784				-1,284		1,500
2 /	Excess to need						-1,284		
01	Items Less Than \$5 Million (AMMO)		17,797				-1,500		16,297
	FY 2022 Appropriated Base		17,797				-1,500		16,297
2 /	Unjustified growth						-1,500		
01	Ammunition Peculiar Equipment		12,290				-2,500		9,790
	FY 2022 Appropriated Base		12,290				-2,500		9,790
2 /	Reduce carryover						-2,500		
01	First Destination Transportation (AMMO)		4,331						4,331
	FY 2022 Appropriated Base		4,331						4,331
01	Closeout Liabilities		99						99
	FY 2022 Appropriated Base		99						99
Subtotal Budget Activity 01: Ammunition			1,477,402				75,557		1,552,959

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Procurement of Ammunition, Army, 2022/2024 (2034A)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Ammunition Production Base Support								
02 Industrial Facilities		538,120				50,000		588,120
FY 2022 Appropriated Base		538,120				50,000		588,120
1 / Program increase						50,000		
02 Conventional Munitions Demilitarization		139,410				-7,000		132,410
FY 2022 Appropriated Base		139,410				-7,000		132,410
2 / Reduce carryover						-7,000		
02 ARMS Initiative		3,178						3,178
FY 2022 Appropriated Base		3,178						3,178
Subtotal Budget Activity 02: Ammunition Production Base Support		680,708				43,000		723,708
Grand Total Procurement of Ammunition, Army, 2022/2024		2,158,110				118,557		2,276,667
Financing								
APPROPRIATION, P.L. 117-103 (Base)		2,158,110				118,557		2,276,667
TOTAL FINANCING - FY 2022 PROGRAM		2,158,110				118,557		2,276,667
Footnotes: <p>1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.</p> <p>2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.</p> <p>3 / This item reflects an adjustment to realign a congressionally modified cut, Realigned from 60mm Mortar FRTR, M769 Series w/ Practice Fuze, E92900 to 60mm Mortar FRTR, M769 Series w/ Practice Fuze, E92200 excess to need for proper execution for execution from. The adjustment does not change the purpose for which the funds were appropriated.</p> <p>4 / This item reflects an adjustment to realign a congressionally modified cut, Realigned from 60mm Mortar HE, M768 Series w/PD Fuze, E92200 to 60mm Mortar HE, M768 Series w/ PD Fuze, E92900 unit cost growth for proper execution for execution from. The adjustment does not change the purpose for which the funds were appropriated.</p> <p>For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Tactical and Support Vehicles								
01 Semitrailers, Flatbed:		12,539				-1,300		11,239
FY 2022 Appropriated Base		12,539				-1,300		11,239
2 / Unit cost growth						-1,300		
01 Semitrailers, tankers		17,985						17,985
FY 2022 Appropriated Base		17,985						17,985
01 HI MOB MULTI-PURP WHLD VEH (HMMWV)		60,706				60,000		120,706
FY 2022 Appropriated Base		60,706				60,000		120,706
1 / Program increase						60,000		
01 Ground Mobility Vehicles (GMV)		29,807				15,000		44,807
FY 2022 Appropriated Base		29,807				15,000		44,807
1 / Program increase - Infantry Squad Vehicle						15,000		
01 JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL		574,562						574,562
FY 2022 Appropriated Base		574,562						574,562
01 TRUCK, DUMP, 20T (CCE)		9,882				19,500		29,382
FY 2022 Appropriated Base		9,882				19,500		29,382
1 / Program increase						19,500		
01 Family Of Medium Tactical Veh (FMTV)		36,885				25,000		61,885
FY 2022 Appropriated Base		36,885				25,000		61,885
1 / Program increase						25,000		
01 Family of Cold Weather All-Terrain Vehicle (C		16,450						16,450
FY 2022 Appropriated Base		16,450						16,450
01 Firetrucks & Associated Firefighting Equip		26,256						26,256
FY 2022 Appropriated Base		26,256						26,256
01 Family Of Heavy Tactical Vehicles (FHTV)		64,282				109,000		173,282
FY 2022 Appropriated Base		64,282				109,000		173,282
1 / Program increase						109,000		
01 PLS ESP		16,943						16,943
FY 2022 Appropriated Base		16,943						16,943
01 Tactical Wheeled Vehicle Protection Kits		17,957						17,957
FY 2022 Appropriated Base		17,957						17,957
01 Modification Of In Svc Equip		29,349				183,000		212,349
FY 2022 Appropriated Base		29,349				183,000		212,349
1 / Program increase - HMMWV ABS/ESC retrofit kits						183,000		
01 Passenger Carrying Vehicles		1,232				-1,232		
FY 2022 Appropriated Base		1,232				-1,232		
2 / Reduce carryover						-1,232		
01 NonTactical Vehicles, Other		24,246				-5,000		19,246
FY 2022 Appropriated Base		24,246				-5,000		19,246
2 / Excess carryover						-5,000		
01 Army National Guard HMMWV Modernization						100,000		100,000
FY 2022 Appropriated Base						100,000		100,000
1 / Program increase						100,000		
Subtotal Budget Activity 01: Tactical and Support Vehicles		939,081				503,968		1,443,049

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Communications and Electronics Equipment								
02 Signal Modernization Program		140,036						140,036
FY 2022 Appropriated Base		140,036						140,036
02 Tactical Network Technology Mod In Svc		436,524				-3,400		433,124
FY 2022 Appropriated Base		436,524				-3,400		433,124
1 / Program increase - Joint CONUS communications support environment satellite communications upgrade						4,100		
2 / SATCOM obsolescence						-7,500		
02 Disaster Incident Response Comms Terminal (DI		3,863						3,863
FY 2022 Appropriated Base		3,863						3,863
02 JCSE Equipment (USRDECOM)		4,845						4,845
FY 2022 Appropriated Base		4,845						4,845
02 Defense Enterprise Wideband Satcom Systems		97,369				-6,441		90,928
FY 2022 Appropriated Base		97,369				-6,441		90,928
2 / EWS terminal MOD justification discrepancies						-6,441		
02 Transportable Tactical Command Communications		120,550				11,500		132,050
FY 2022 Appropriated Base		120,550				11,500		132,050
1 / Program increase - T2C2 heavy						11,500		
02 SHF Term		38,129						38,129
FY 2022 Appropriated Base		38,129						38,129
02 Assured Positioning, Navigation and Timing		115,291				-2,500		112,791
FY 2022 Appropriated Base		115,291				-2,500		112,791
2 / Spares and repairs previously funded						-2,500		
02 SMART-T (SPACE)		15,407						15,407
FY 2022 Appropriated Base		15,407						15,407
02 Global Brdcst Svc - GBS		2,763						2,763
FY 2022 Appropriated Base		2,763						2,763
02 COE Tactical Server Infrastructure (TSI)		99,858						99,858
FY 2022 Appropriated Base		99,858						99,858
02 Handheld Manpack Small Form Fit (HMS)		775,069				-50,970		724,099
FY 2022 Appropriated Base		775,069				-50,970		724,099
2 / Unit cost increase						-10,899		
2 / Support costs excess						-5,000		
2 / IVAS SCDR ahead of need						-35,071		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 ARMY LINK 16 SYSTEMS		17,749						17,749
FY 2022 Appropriated Base		17,749						17,749
02 Unified Command Suite		17,984						17,984
FY 2022 Appropriated Base		17,984						17,984
02 COTS Communications Equipment		191,702				-6,400		185,302
FY 2022 Appropriated Base		191,702				-6,400		185,302
2 / Unit cost growth						-6,400		
02 Family of Med Comm for Combat Casualty Care		15,957						15,957
FY 2022 Appropriated Base		15,957						15,957
02 Army Communications & Electronics		89,441				-10,000		79,441
FY 2022 Appropriated Base		89,441				-10,000		79,441
2 / Insufficient justification						-10,000		
02 CI AUTOMATION ARCHITECTURE-INTEL		13,317						13,317
FY 2022 Appropriated Base		13,317						13,317
02 Defense Military Deception Initiative		5,207						5,207
FY 2022 Appropriated Base		5,207						5,207
02 MULTI-DOMAIN INTELLIGENCE		20,095						20,095
FY 2022 Appropriated Base		20,095						20,095
02 Information System Security Program-ISSP		987						987
FY 2022 Appropriated Base		987						987
02 Communications Security (COMSEC)		126,273						126,273
FY 2022 Appropriated Base		126,273						126,273
02 Defensive CYBER Operations		27,389						27,389
FY 2022 Appropriated Base		27,389						27,389
02 SIO CAPABILITY		21,303				-4,000		17,303
FY 2022 Appropriated Base		21,303				-4,000		17,303
2 / Insufficient justification						-4,000		
02 BIOMETRIC ENABLING CAPABILITY (BEC)		914						914
FY 2022 Appropriated Base		914						914
02 Base Support Communications		9,209						9,209
FY 2022 Appropriated Base		9,209						9,209
02 Information Systems		219,026				-5,000		214,026
FY 2022 Appropriated Base		219,026				-5,000		214,026
2 / Reduce carryover						-5,000		
02 Emergency Management Modernization Program		4,875						4,875
FY 2022 Appropriated Base		4,875						4,875

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2022/2024 (2035A)

2022

Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Installation Info Infrastructure Mod Program		223,001				-5,000		218,001
FY 2022 Appropriated Base		223,001				-5,000		218,001
2 / EUCOM costs previously funded						-5,000		
02 JTT/CIBS-M		5,463						5,463
FY 2022 Appropriated Base		5,463						5,463
02 TERRESTRIAL LAYER SYSTEMS (TLS)		39,240						39,240
FY 2022 Appropriated Base		39,240						39,240
02 DCGS-A-INTEL		92,613						92,613
FY 2022 Appropriated Base		92,613						92,613
02 JOINT TACTICAL GROUND STATION (JTAGS)-INTEL		8,088						8,088
FY 2022 Appropriated Base		8,088						8,088
02 TROJAN		30,828						30,828
FY 2022 Appropriated Base		30,828						30,828
02 MOD OF IN-SVC EQUIP (INTEL SPT)		39,039				12,000		51,039
FY 2022 Appropriated Base		39,039				12,000		51,039
1 / Program increase - Prophet Enhanced ESP						12,000		
02 BIOMETRIC TACTICAL COLLECTION DEVICES		11,097						11,097
FY 2022 Appropriated Base		11,097						11,097
02 EW Planning & Management Tools (EWPMT)		783						783
FY 2022 Appropriated Base		783						783
02 AIR VIGILANCE (AV)		13,486						13,486
FY 2022 Appropriated Base		13,486						13,486
02 FAMILY OF PERSISTENT SURVEILLANCE CAP.		14,414						14,414
FY 2022 Appropriated Base		14,414						14,414
02 COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES		19,111						19,111
FY 2022 Appropriated Base		19,111						19,111
02 CI MODERNIZATION		421						421
FY 2022 Appropriated Base		421						421
02 Sentinel Mods		47,642						47,642
FY 2022 Appropriated Base		47,642						47,642

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Night Vision Devices		1,092,341				-424,964		667,377
FY 2022 Appropriated Base		1,092,341				-424,964		667,377
1 / Program increase - ENVG-B						17,000		
1 / Program increase - laser target locator						8,900		
2 / Laser target locator systems anticipated savings						-2,140		
2 / IVAS ahead of need						-393,724		
Transfer to RDTE,A line 57 for IVAS development						-55,000		
02 Small Tactical Optical Rifle Mounted MLRF		21,103						21,103
FY 2022 Appropriated Base		21,103						21,103
02 Indirect Fire Protection Family Of Systems		6,153						6,153
FY 2022 Appropriated Base		6,153						6,153
02 FAMILY OF WEAPON SIGHTS (FWS)		184,145						184,145
FY 2022 Appropriated Base		184,145						184,145
02 ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SE		2,371						2,371
FY 2022 Appropriated Base		2,371						2,371
02 Forward Looking Infrared (IFLIR)		11,929						11,929
FY 2022 Appropriated Base		11,929						11,929
02 COUNTER SMALL UNMANNED AERIAL SYSTEM (C-SUAS)		60,058				374,000		434,058
FY 2022 Appropriated Base		60,058				374,000		434,058
1 / Program increase						374,000		
02 JOINT BATTLE COMMAND - PLATFORM (JBC-P)		263,661				-10,000		253,661
FY 2022 Appropriated Base		263,661				-10,000		253,661
2 / Unit cost growth						-10,000		
02 JOINT EFFECTS TARGETING SYSTEM (JETS)		62,082						62,082
FY 2022 Appropriated Base		62,082						62,082
02 Computer Ballistics: LHMBC XM32		2,811						2,811
FY 2022 Appropriated Base		2,811						2,811
02 Mortar Fire Control System		17,236						17,236
FY 2022 Appropriated Base		17,236						17,236

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Mortar Fire Control Systems Modifications		2,830						2,830
FY 2022 Appropriated Base		2,830						2,830
02 Counterfire Radars		31,694				-5,000		26,694
FY 2022 Appropriated Base		31,694				-5,000		26,694
2 / Facilitization costs excess request						-5,000		
02 Army Command Post Integrated Infrastructure (49,410						49,410
FY 2022 Appropriated Base		49,410						49,410
02 Fire Support C2 Family		9,853						9,853
FY 2022 Appropriated Base		9,853						9,853
02 AIR & MSL Defense Planning & Control Sys		67,193						67,193
FY 2022 Appropriated Base		67,193						67,193
02 IAMD Battle Command System		301,872				-5,000		296,872
FY 2022 Appropriated Base		301,872				-5,000		296,872
2 / Cost previously funded						-5,000		
02 Life Cycle Software Support (LCSS)		5,182						5,182
FY 2022 Appropriated Base		5,182						5,182
02 Network Management Initialization and Service		31,349						31,349
FY 2022 Appropriated Base		31,349						31,349
02 Global Combat Support System-Army (GCSS-A)		11,271						11,271
FY 2022 Appropriated Base		11,271						11,271
02 Integrated Personnel and Pay System-Army (IPP)		16,077						16,077
FY 2022 Appropriated Base		16,077						16,077
02 MOD of In-Svc Equipment (ENFIRE)		3,160				11,400		14,560
FY 2022 Appropriated Base		3,160				11,400		14,560
1 / Program increase - land surveying systems						11,400		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Army Training Modernization		9,833				2,500		12,333
FY 2022 Appropriated Base		9,833				2,500		12,333
1 / Program increase - CUAS training facility						2,500		
02 Automated Data Processing Equip		130,924						130,924
FY 2022 Appropriated Base		130,924						130,924
02 ACCESSIONS INFORMATION ENVIRONMENT (AIE)		44,635				-5,000		39,635
FY 2022 Appropriated Base		44,635				-5,000		39,635
2 / Excess growth						-5,000		
02 General Fund Enterprise Business Systems Fam		1,452						1,452
FY 2022 Appropriated Base		1,452						1,452
02 High Perf Computing Mod Pgm (HPCMP)		69,943						69,943
FY 2022 Appropriated Base		69,943						69,943
02 Contract Writing System		16,957				-2,000		14,957
FY 2022 Appropriated Base		16,957				-2,000		14,957
2 / Program growth						-2,000		
02 CSS Communications		73,110						73,110
FY 2022 Appropriated Base		73,110						73,110
02 Reserve Component Automation Sys (RCAS)		12,905						12,905
FY 2022 Appropriated Base		12,905						12,905
02 BCT Emerging Technologies		13,835						13,835
FY 2022 Appropriated Base		13,835						13,835
02 Classified Programs		18,304						18,304
FY 2022 Appropriated Base		18,304						18,304
02 Tactical Communications and Protective System						10,000		10,000
FY 2022 Appropriated Base						10,000		10,000
1 / Program increase - active hearing protection						10,000		
Subtotal Budget Activity 02: Communications and Electronics Equipment		5,822,037				-124,275		5,697,762

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Other Support Equipment								
03 Base Defense Systems (BDS)		62,295				-48,075		14,220
FY 2022 Appropriated Base		62,295				-48,075		14,220
2 / Requirement no longer valid						-48,075		
03 CBRN Defense		55,632						55,632
FY 2022 Appropriated Base		55,632						55,632
03 Tactical Bridging		9,625						9,625
FY 2022 Appropriated Base		9,625						9,625
03 Tactical Bridge, Float-Ribbon		76,082				-1,900		74,182
FY 2022 Appropriated Base		76,082				-1,900		74,182
2 / Unit cost growth						-1,900		
03 BRIDGE SUPPLEMENTAL SET		19,867						19,867
FY 2022 Appropriated Base		19,867						19,867
03 Common Bridge Transporter (CBT) Recap		109,796						109,796
FY 2022 Appropriated Base		109,796						109,796
03 Handheld Standoff Minefield Detection Sys-HST		5,628						5,628
FY 2022 Appropriated Base		5,628						5,628
03 HUSKY MOUNTED DETECTION SYSTEM (HMDS)		26,823						26,823
FY 2022 Appropriated Base		26,823						26,823
03 Robotics and Applique Systems		124,233				-5,000		119,233
FY 2022 Appropriated Base		124,233				-5,000		119,233
2 / Prior year execution delays						-5,000		
03 Render Safe Sets kits Outfits		84,000						84,000
FY 2022 Appropriated Base		84,000						84,000
03 Heaters and ECU's		7,116				-1,000		6,116
FY 2022 Appropriated Base		7,116				-1,000		6,116
2 / Contract delays						-1,000		
03 Soldier Enhancement		1,286						1,286
FY 2022 Appropriated Base		1,286						1,286

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03 Personnel Recovery Support System (PRSS)		9,741						9,741
FY 2022 Appropriated Base		9,741						9,741
03 Ground Soldier System		150,244						150,244
FY 2022 Appropriated Base		150,244						150,244
03 Mobile Soldier Power		17,815						17,815
FY 2022 Appropriated Base		17,815						17,815
03 Force Provider		28,860				10,000		38,860
FY 2022 Appropriated Base		28,860				10,000		38,860
1 / Program increase - expeditionary shelter protection systems						10,000		
03 Field Feeding Equipment		2,321				10,000		12,321
FY 2022 Appropriated Base		2,321				10,000		12,321
1 / Program increase - multi-temperature refrigerated container program						10,000		
03 Cargo Aerial Del & Personnel Parachute System		40,240				-3,200		37,040
FY 2022 Appropriated Base		40,240				-3,200		37,040
2 / ATPS cost growth						-3,200		
03 Family Of Engr Combat and Construction Sets		36,163						36,163
FY 2022 Appropriated Base		36,163						36,163
03 QUALITY SURVEILLANCE EQUIPMENT		744						744
FY 2022 Appropriated Base		744						744
03 Distribution Systems, Petroleum & Water		72,296						72,296
FY 2022 Appropriated Base		72,296						72,296
03 Combat Support Medical		122,145				10,000		132,145
FY 2022 Appropriated Base		122,145				10,000		132,145
1 / Program increase - AMEDDS hospital program						10,000		
03 Mobile Maintenance Equipment Systems		14,756				120,000		134,756
FY 2022 Appropriated Base		14,756				120,000		134,756
1 / Program increase - next generation HMMWV shop equipment contact maintenance vehicle						120,000		
03 All Terrain Cranes		112,784						112,784
FY 2022 Appropriated Base		112,784						112,784
03 Const Equip ESP		8,694				10,000		18,694
FY 2022 Appropriated Base		8,694				10,000		18,694
1 / Program increase - high mobility engineer excavator SLEP						10,000		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03 Army Watercraft Esp		44,409				13,600		58,009
FY 2022 Appropriated Base		44,409				13,600		58,009
1 / Program increase - watercraft modernization service life extension program						13,600		
03 Maneuver Support Vessel (MSV)		76,660						76,660
FY 2022 Appropriated Base		76,660						76,660
03 Generators And Associated Equip		47,606				58,286		105,892
FY 2022 Appropriated Base		47,606				58,286		105,892
1 / Program increase - AMMPS						58,286		
03 Tactical Electric Power Recapitalization		10,500						10,500
FY 2022 Appropriated Base		10,500						10,500
03 Family Of Forklifts		13,325						13,325
FY 2022 Appropriated Base		13,325						13,325
03 Combat Training Centers Support		79,565				15,400		94,965
FY 2022 Appropriated Base		79,565				15,400		94,965
1 / Program increase - INDOPACOM Pacific multi-domain training and experimentation capability						15,400		
03 Training Devices, Nonsystem		174,644						174,644
FY 2022 Appropriated Base		174,644						174,644
03 Synthetic Training Environment (STE)		122,104				-29,838		92,266
FY 2022 Appropriated Base		122,104				-29,838		92,266
2 / RVCT ahead of need						-29,838		
03 Gaming Technology In Support of Army Training		11,642						11,642
FY 2022 Appropriated Base		11,642						11,642

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Army, 2022/2024 (2035A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03 Integrated Family Of Test Equipment (IFTE)		42,934						42,934
FY 2022 Appropriated Base		42,934						42,934
03 Test Equipment Modernization (TEMOD)	399	24,304					399	24,304
FY 2022 Appropriated Base	399	24,304					399	24,304
03 Physical Security Systems (OPA3)		86,930				5,000		91,930
FY 2022 Appropriated Base		86,930				5,000		91,930
1 / Program increase - biometric fast lanes						5,000		
03 Base Level Common Equipment		27,823						27,823
FY 2022 Appropriated Base		27,823						27,823
03 Modification Of In-Svc Equipment (OPA-3)		32,392				10,000		42,392
FY 2022 Appropriated Base		32,392				10,000		42,392
1 / Program increase - RTCH modernization						10,000		
03 BUILDING, PRE-FAB, RELOCATABLE		32,227						32,227
FY 2022 Appropriated Base		32,227						32,227
03 Special Equipment for Test and Evaluation		76,917						76,917
FY 2022 Appropriated Base		76,917						76,917
03 Family Of Non-Lethal Equipment (FNLE)						27,000		27,000
FY 2022 Appropriated Base						27,000		27,000
1 / Program increase - acoustic hailing device						20,000		
1 / Program increase - CEWs						7,000		
Subtotal Budget Activity 03: Other Support Equipment		2,103,168				200,273		2,303,441

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Other Procurement, Army, 2022/2024 (2035A)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Spare and Repair Parts								
04 INITIAL SPARES - C&E		9,272						9,272
FY 2022 Appropriated Base		9,272						9,272
Subtotal Budget Activity 04: Spare and Repair Parts		9,272						9,272
Grand Total Other Procurement, Army, 2022/2024		8,873,558				579,966		9,453,524
<i>Financing</i>								
APPROPRIATION, P.L. 117-103 (Base)		8,873,558				579,966		9,453,524
TOTAL FINANCING - FY 2022 PROGRAM		8,873,558				579,966		9,453,524
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Basic Research								
01 0601102A	Defense Research Sciences					71,510		368,751
	FY 2022 Appropriated Base					71,510		368,751
1 /						5,000		
1 /						20,000		
1 /						3,000		
1 /						10,000		
1 /						5,000		
1 /						5,000		
1 /						25,000		
						-1,490		
01 0601103A	University Research Initiatives					24,260		91,241
	FY 2022 Appropriated Base					24,260		91,241
1 /						25,000		
						-740		
01 0601104A	University and Industry Research Centers					32,264		126,267
	FY 2022 Appropriated Base					32,264		126,267
1 /						20,000		
1 /						4,000		
1 /						5,000		
1 /						250		
1 /						3,000		
1 /						1,000		
						-986		
01 0601121A	Cyber Collaborative Research Alliance							5,067
	FY 2022 Appropriated Base							5,067
01 0601601A	Artificial Intelligence and Machine Learning Basic Research					5,000		15,183
	FY 2022 Appropriated Base					5,000		15,183
1 /						5,000		
Subtotal Budget Activity 01: Basic Research		473,475				133,034		606,509

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Applied Research								
02 0602115A Biomedical Technology		11,925						11,925
FY 2022 Appropriated Base		11,925						11,925
02 0602134A Counter Improvised-Threat Advanced Studies		1,976						1,976
FY 2022 Appropriated Base		1,976						1,976
02 0602141A Lethality Technology		64,126				27,500		91,626
FY 2022 Appropriated Base		64,126				27,500		91,626
1 / Program increase - next generation remote sensing						3,000		
1 / Program increase - hybrid additive manufacturing for advanced lethality						5,000		
1 / Program increase - materials processing manufacturing technology						10,000		
1 / Program increase - universal nanocrystalline alloys						3,000		
1 / Program increase - hypersonic wind tunnel development						6,500		
02 0602142A Army Applied Research		28,654						28,654
FY 2022 Appropriated Base		28,654						28,654
02 0602143A Soldier Lethality Technology		105,168				99,890		205,058
FY 2022 Appropriated Base		105,168				99,890		205,058
1 / Program increase - Catalyst TRACA data ready						5,000		
1 / Program increase - HEROES						5,000		
1 / Program increase - Pathfinder airborne						8,000		
1 / Program increase - enhancing soldier ballistic technologies						5,000		
1 / Program increase - advanced silicon anode material for batteries						10,000		
1 / Program increase - advanced textiles and shelters						6,000		
1 / Program increase - academic accelerator program						15,000		
1 / Program increase - military footwear research						3,000		
1 / Program increase - Pathfinder transitional research advanced capability acceleration						8,000		
1 / Program increase - Pathfinder air assault						10,000		
1 / Program increase - materials development for personal protective systems						10,000		
1 / Program increase - digital night vision technology						5,000		
1 / Program increase - nanolayered polymer optics						10,000		
FFRDC Reductions (Sec. 8027)						-110		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	0602144A								
	Ground Technology		56,400				160,150		216,550
	FY 2022 Appropriated Base		56,400				160,150		216,550
	1 / Program increase - additive manufacturing machine learning initiative						5,000		
	1 / Program increase - advanced manufacturing materials processes initiative						10,000		
	1 / Program increase - autonomous digital design and manufacturing						5,000		
	1 / Program increase - defense resiliency against extreme cold weather						10,000		
	1 / Program increase - electrolyzer						7,000		
	1 / Program increase - environmental quality enhanced coatings						5,000		
	1 / Program increase - Flexible hybrid electronics and environmental sustainability						12,000		
	1 / Program increase - high performance polymers						5,000		
	1 / Program increase - materials recovery technologies for defense supply resiliency						10,000		
	1 / Program increase - solid oxide fuel cell development						10,000		
	1 / Program increase - advanced polymers for force protection						8,000		
	1 / Program increase - advanced materials manufacturing						8,000		
	1 / Program increase - anti-corrosion materials						7,000		
	1 / Program increase - ceramic materials for extreme environments						8,000		
	1 / Program increase - earthen structures soil enhancement						4,000		
	1 / Program increase - PFAS modeling						5,000		
	1 / Program increase - polar proving ground and training program						2,000		
	1 / Program increase - rapid advanced deposition						5,000		
	1 / Program increase - rare earth initiative						7,000		
	1 / Program increase - verified inherent control						10,000		
	1 / Program increase - rapid infrastructure development and engineering						3,000		
	1 / Program increase - climate and natural hazards, snow-covered and mountain environment sensing research						6,000		
	1 / Program increase - integrity of transparent armor						5,000		
	1 / Program increase - tank tracks						3,150		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	0602145A	Next Generation Combat Vehicle Technology			172,166		73,359		245,525
		FY 2022 Appropriated Base			172,166		73,359		245,525
	1 /	Program increase - advanced materials development for survivability					5,000		
	1 /	Program increase - advanced optics program					4,300		
	1 /	Program increase - digital design and simulated testing					4,000		
	1 /	Program increase - highly electrified vehicles					5,000		
	1 /	Program increase - prototyping energy smart autonomous ground systems					10,000		
	1 /	Program increase - silicon carbide electronics					5,500		
	1 /	Program increase - vehicle equivalency framework utilizing multiple additive manufacturing platforms					5,000		
	1 /	Program increase - virtual experimentation of autonomous and non-autonomous combat vehicles					3,000		
	1 /	Program increase - fast-refueling fuel cell engines					7,000		
	1 /	Program increase - hydrogen technologies					10,000		
	1 /	Program increase - machine learning optimized power electronics					3,000		
	1 /	Program increase - zero emission combat vehicles					3,000		
	1 /	Program increase - systems engineering for autonomous ground vehicles					9,000		
		FFRDC Reductions (Sec. 8027)					-441		
02	0602146A	Network C3I Technology			84,606		80,198		164,804
		FY 2022 Appropriated Base			84,606		80,198		164,804
	1 /	Program increase - backpackable COMINT system					5,000		
	1 /	Program increase - EW and advanced sensing					6,500		
	1 /	Program increase - integrated photonics for contested RF environments					15,000		
	1 /	Program increase - ALTNAV					13,800		
	1 /	Program increase - anti-tamper technology					5,000		
	1 /	Program increase - mobile environmental contaminant sensors					5,000		
	1 /	Program increase - mass-distributed acoustic surveillance network					8,000		
	1 /	Program increase - distributed radio frequency and sensor technology development					8,000		
	1 /	Program increase - urban subterranean mapping technologies					4,000		
	1 /	Program increase - social network analysis					5,000		
	1 /	Program increase - energy efficient devices					5,000		
		FFRDC Reductions (Sec. 8027)					-102		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	0602147A	Long Range Precision Fires Technology							
			64,285				29,500		93,785
			64,285				29,500		93,785
	1 /	Program increase - extended range and hybrid gun launched unmanned aerial systems					10,000		
	1 /	Program increase - high speed structures for advanced materials					10,000		
	1 /	Program increase - novel printed armament components					3,000		
	1 /	Program increase - extended range propulsion technology					6,500		
02	0602148A	Future Verticle Lift Technology							
			91,411				41,747		133,158
			91,411				41,747		133,158
	1 /	Program increase - high strength functional composites					5,000		
	1 /	Program increase - individual blade and higher harmonic control					5,000		
	1 /	Program increase - adaptive flight control technology					7,000		
	1 /	Program increase - high density eVOTL power source					15,000		
	1 /	Program increase - rotor blade operational readiness					5,000		
	1 /	Program increase - missile technology transfer and innovation					5,000		
		FFRDC Reductions (Sec. 8027)					-253		
02	0602150A	Air and Missile Defense Technology							
			19,316				74,233		93,549
			19,316				74,233		93,549
	1 /	Program increase - beam control systems and industry grade optical fiber fabrication for directed energy laser					12,000		
	1 /	Program increase - counter UAS center for excellence					5,000		
	1 /	Program increase - machine learning optimized power electronics					3,000		
	1 /	Program increase - precision long range integrated strike					5,250		
	1 /	Program increase - Army missile risk-based mission assurance					15,000		
	1 /	Program increase - HEL lethality testing and expansion					10,000		
	1 /	Program increase - HEL optical technology					6,000		
	1 /	Program increase - HEL technology integration					10,000		
	1 /	Program increase - kill chain automation					8,000		
		FFRDC Reductions (Sec. 8027)					-17		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	0602180A	Artificial Intelligence and Machine Learning Technologies			15,034				15,034
		FY 2022 Appropriated Base			15,034				15,034
02	0602181A	All Domain Convergence Applied Research			25,967				25,967
		FY 2022 Appropriated Base			25,967				25,967
02	0602182A	C3I Applied Research			12,406				12,406
		FY 2022 Appropriated Base			12,406				12,406
02	0602183A	Air Platform Applied Research			6,597				6,597
		FY 2022 Appropriated Base			6,597				6,597
02	0602184A	Soldier Applied Research			11,064				11,064
		FY 2022 Appropriated Base			11,064				11,064
02	0602213A	C3I Applied Cyber			12,123		-4		12,119
		FY 2022 Appropriated Base			12,123		-4		12,119
		FFRDC Reductions (Sec. 8027)					-4		
02	0602386A	Biotechnology for Materials - Applied Research			20,643				20,643
		FY 2022 Appropriated Base			20,643				20,643
02	0602785A	Manpower/Personnel/Training Technology			18,701				18,701
		FY 2022 Appropriated Base			18,701				18,701
02	0602787A	Medical Technology			91,720		29,027		120,747
		FY 2022 Appropriated Base			91,720		29,027		120,747
	1 /	Program increase - military force vector borne health protection					5,000		
	1 /	Program increase - RNA therapeutics for infectious disease threats					7,500		
	1 /	Program increase - National Trauma Research Repository Data Population Project					1,900		
	1 /	Program increase - Holistic Health and Fitness					1,500		
	1 /	Program increase - Center for Excellence in Military Health and Performance Enhancement					3,567		
	1 /	Program increase - physiological study of female warfighters to improve training					5,000		
	1 /	Program increase - biological performance technology					5,000		
		FFRDC Reductions (Sec. 8027)					-440		
Subtotal Budget Activity 02: Applied Research			914,288				615,600		1,529,888

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Advanced Technology Development								
03 0603002A Medical Advanced Technology		43,804				94,000		137,804
FY 2022 Appropriated Base		43,804				94,000		137,804
1 / Program increase - hearing protection for communications						5,000		
1 / Program increase - optimizing military health and performance						7,000		
1 / Program increase - peer-reviewed military burn research						10,000		
1 / Program increase - peer-reviewed neurofibromatosis research						20,000		
1 / Program increase - peer-reviewed Parkinson's research						16,000		
1 / Program increase - burn care training curriculum						5,000		
1 / Program increase -heat stress on female services members						2,000		
1 / Program increase - rapid vaccine development						10,000		
1 / Program increase - trauma immunology research						5,000		
1 / Program increase - dengue vaccine development						6,000		
1 / Program increase - suicide prevention with focus on rural, remote, isolated, and OCONUS installations						3,000		
1 / Program increase - Aerial Reconfigurable Embedded System						5,000		
03 0603007A Manpower, Personnel and Training Advanced Technology		14,273						14,273
FY 2022 Appropriated Base		14,273						14,273
03 0603025A Army Agile Innovation and Demonstration		22,231						22,231
FY 2022 Appropriated Base		22,231						22,231
03 0603040A Artificial Intelligence and Machine Learning Advanced Technologies		909						909
FY 2022 Appropriated Base		909						909
03 0603041A All Domain Convergence Advanced Technology		17,743						17,743
FY 2022 Appropriated Base		17,743						17,743
03 0603042A C3I Advanced Technology		3,151						3,151
FY 2022 Appropriated Base		3,151						3,151
03 0603043A Air Platform Advanced Technology		754						754
FY 2022 Appropriated Base		754						754

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603044A								
	Soldier Advanced Technology		890						890
	FY 2022 Appropriated Base		890						890
03	0603115A								
	Medical Development		26,521				-13		26,508
	FY 2022 Appropriated Base		26,521				-13		26,508
	FFRDC Reductions (Sec. 8027)						-13		
03	0603116A								
	Lethality Advanced Technology		8,066						8,066
	FY 2022 Appropriated Base		8,066						8,066
03	0603117A								
	Army Advanced Technology Development		76,815						76,815
	FY 2022 Appropriated Base		76,815						76,815
03	0603118A								
	Soldier Lethality Advanced Technology		107,966				44,403		152,369
	FY 2022 Appropriated Base		107,966				44,403		152,369
	1 / Program increase - Small arms fire control advanced technology						8,000		
	1 / Program increase - advanced AI/AA analytics for modernization and readiness						10,000		
	1 / Program increase - ferrium steel for improved personal protective equipment						5,000		
	1 / Program increase - human machine teaming						4,000		
	1 / Program increase - impact attenuation materials for limb protection						1,500		
	1 / Program increase - soldier situational awareness						8,000		
	1 / Program increase - squad operations advanced resupply						8,000		
	FFRDC Reductions (Sec. 8027)						-97		
03	0603119A								
	Ground Advanced Technology		23,403				257,087		280,490
	FY 2022 Appropriated Base		23,403				257,087		280,490
	1 / Program increase - 3S printing of infrastructure						5,000		
	1 / Program increase - clean modular hydro technology						8,000		
	1 / Program increase - composite flywheel technology						7,000		
	1 / Program increase - cross-laminated timber and recycled carbon fiber materials						5,500		
	1 / Program increase - electrical system safety and reliability						5,000		
	1 / Program increase - electrochemical conversion of waste streams						5,000		
	1 / Program increase - expeditionary additive construction						15,000		
	1 / Program increase - explosive materials detection						3,000		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:						Fiscal Year Program:				
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022				
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
1	/	Program increase - high-performance concrete						6,000		
1	/	Program increase - microgrid reliability and resiliency						10,000		
1	/	Program increase - military waste stream conversion						5,000		
1	/	Program increase - organic light emitting diode						5,000		
1	/	Program increase - power generation for increased facility resilience pilot						10,000		
1	/	Program increase - rapid entry and sustainment for the arctic						8,000		
1	/	Program increase - secure management of energy generation and storage						5,000		
1	/	Program increase - water quality and resiliency technologies						5,000		
1	/	Program increase - accelerator technology for ground maneuver						5,000		
1	/	Program increase - additive construction for field deployment						4,000		
1	/	Program increase - anticipating threats to natural systems						5,000		
1	/	Program increase - coastal terrain hazard research						6,000		
1	/	Program increase - autonomous construction and manufacturing						5,000		
1	/	Program increase - autonomous combat engineering solutions						4,000		
1	/	Program increase - biofuel						6,000		
1	/	Program increase - biomass polymer technology						2,000		
1	/	Program increase - cold weather energy research						5,000		
1	/	Program increase - cold weather research						3,000		
1	/	Program increase - distributed technologies for steam loop replacements						5,000		
1	/	Program increase - frost heave effects monitoring						4,500		
1	/	Program increase - graphene applications for military engineering						10,000		
1	/	Program increase = hardened facility standards						4,600		
1	/	Program increase - impacts of soil structures on hydrology						5,000		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
	1	/ Program increase - infrastructure resilience and flood assessment						3,500		
	1	/ Program increase - infrastructure smart technology						5,000		
	1	/ Program increase - materials and manufacturing technology for cold environments						4,000		
	1	/ Program increase - partnership and technology transfer						4,000		
	1	/ Program increase - power projection						7,000		
	1	/ Program increase - sustainable smart utilities						5,000		
	1	/ Program increase - water resiliency and self sufficiency						4,000		
	1	/ Program increase - 3D printing of concrete						2,000		
	1	/ Program increase - entry control points at installations						5,000		
	1	/ Program increase - low carbon hydrogen technologies						10,000		
	1	/ Program increase - assessments and monitoring systems for historic structures						5,000		
	1	/ Program increase - high power fast charging for electric vehicle fleets						3,000		
	1	/ Program increase - water reuse consortium						10,000		
	1	/ Program increase - watercraft simulator						4,000		
	1	/ Program increase - cold weather research station						2,000		
	1	/ Program increase - Army visual and tactical arctic reconnaissance						2,000		
		FFRDC Reductions (Sec. 8027)						-13		
03	0603134A	Counter Improvised-Threat Simulation		24,747						24,747
		FY 2022 Appropriated Base		24,747						24,747
03	0603386A	Biotechnology for Materials - Advanced Research		53,736						53,736
		FY 2022 Appropriated Base		53,736						53,736
03	0603457A	C3I Cyber Advanced Development		31,426				30,000		61,426
		FY 2022 Appropriated Base		31,426				30,000		61,426
	1	/ Program increase - high bandwidth cryptomodule enhancements and certification						30,000		
03	0603461A	High Performance Computing Modernization Program		189,123				40,000		229,123
		FY 2022 Appropriated Base		189,123				40,000		229,123
	1	/ Program increase						40,000		

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Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603462A	Next Generation Combat Vehicle Advanced Technology			164,951		134,761		299,712
		FY 2022 Appropriated Base			164,951		134,761		299,712
	1 /	Program increase - additive manufacturing for jointless hull					15,000		
	1 /	Program increase - advanced adhesives					5,000		
	1 /	Program increase - ATE5 2 engine development					5,000		
	1 /	Program increase - carbon fiber and graphitic foam					5,000		
	1 /	Program increase - carbon fiber tires					5,000		
	1 /	Program increase - combat vehicle lithium 6T battery development					5,000		
	1 /	Program increase - combat vehicle weight reduction initiative					5,000		
	1 /	Program increase - force protection vehicle kit					5,000		
	1 /	Program increase - fuel cell technology					5,000		
	1 /	Program increase - machine learning for advanced lightweight combat vehicle structures					6,000		
	1 /	Program increase - RCV-L					5,000		
	1 /	Program increase - short fiber thermoplastic applications					4,000		
	1 /	Program increase - virtual autonomy environment					3,750		
	1 /	Program increase - advanced materials applications					12,000		
	1 /	Program increase - augmented reality for denied environments					7,000		
	1 /	Program increase - autonomous minefield clearance					7,000		
	1 /	Program increase - autonomous vehicle mobility					10,000		
	1 /	Program increase - HMMWV automotive enhancements					3,000		
	1 /	Program increase - predictive maintenance system					2,000		
	1 /	Program increase - unmanned navigation technology					2,500		
	1 /	Program increase - virtual and physical prototyping					8,000		
	1 /	Program increase - off-road maneuver					5,000		
	1 /	Program increase - maneuverable lightweight electric weight reducer					5,000		
		FFRDC Reductions (Sec. 8027)					-489		

Base for Reprogramming Actions									
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Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603463A	Network C3I Advanced Technology							
		FY 2022 Appropriated Base							
			155,867				55,201		211,068
	1 /	Program increase - APNT technology					4,000		
	1 /	Program increase - advanced materials for resilient sensors					5,000		
	1 /	Program increase - alternative navigation for GPS-denied landing environments					4,500		
	1 /	Program increase - edge-high performance comouting for multi-domain operations					5,000		
	1 /	Program increase - HALITE					7,000		
	1 /	Program increase - next generation command posts					10,000		
	1 /	Program increase - receiver-sensor technology for tactical networks					15,000		
	1 /	Program increase - tactical geospatial information capabilities					5,000		
		FFRDC Reductions (Sec. 8027)					-299		
03	0603464A	Long Range Precision Fires Advanced Technology					48,000		141,909
		FY 2022 Appropriated Base					48,000		141,909
	1 /	Program increase - extended range artillery munitions suite					20,000		
	1 /	Program increase - hypervelocity projectile extended range					25,000		
	1 /	Program increase - maneuvering submunitions for precision strike missile					3,000		

Base for Reprogramming Actions									
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Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603465A	Future Vertical Lift Advanced Technology			179,677		82,203		261,880
		FY 2022 Appropriated Base			179,677		82,203		261,880
	1 /	Program increase - data refinement and optimization for aviation sustainment					4,500		
	1 /	Program increase - FLEETSPACE maintenance tool					4,500		
	1 /	Program increase - FVL surface tolerant adhesives					4,000		
	1 /	Program increase - joint tactical aerial resupply vehicle					8,000		
	1 /	Program increase - UH-60 main rotor blade modernization					5,000		
	1 /	Program increase - 20mm chaingun development for FLRAA					8,000		
	1 /	Program increase - digital backbone					5,000		
	1 /	Program increase - elastomeric imaging					3,000		
	1 /	Program increase - platform digitization and maintenance					5,000		
	1 /	Program increase - stretch broken carbon fiber					10,000		
	1 /	Program increase - UAS fuel systems enhancements					2,000		
	1 /	Program increase - composite structures					5,000		
	1 /	Program increase - degraded visual environment					3,500		
	1 /	Program increase - air launched turbojet missile					15,000		
		FFRDC Reductions (Sec. 8027)					-297		
03	0603466A	Air and Missile Defense Advanced Technology			48,826		97,000		145,826
		FY 2022 Appropriated Base			48,826		97,000		145,826
	1 /	Program increase - IFPC HEL risk reduction					46,000		
	1 /	Program increase - thermal management systems for 10kw to 50 kw lasers					12,000		
	1 /	Program increase - missile MENTOR					15,000		
	1 /	Program increase - armored combat vehicle HEL integration					11,000		
	1 /	Program increase - HEL for all-terrain vehicles					5,000		
	1 /	Program increase - silicon carbide electronics					8,000		
03	0603920A	Humanitarian Demining			8,649		10,351		19,000
		FY 2022 Appropriated Base			8,649		10,351		19,000
	1 /	Program increase					10,351		
Subtotal Budget Activity 03: Advanced Technology Development			1,297,437				892,993		2,190,430

Base for Reprogramming Actions								
(Dollars in Thousands)								
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Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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Budget Activity 04: Advanced Component Development & Prototypes								
04 0603305A								
Army Missile Defense Systems Integration		11,702				45,000		56,702
FY 2022 Appropriated Base		11,702				45,000		56,702
1 / Program increase - A2IFS						23,500		
1 / Program increase - electro-magnetic denial and protect						6,000		
1 / Program increase - integrated environmental control and power						5,000		
1 / Program increase - multiple engagement end-to-end testbed						2,500		
1 / Program increase - PNT resiliency lab						8,000		
04 0603308A								
Army Space Systems Integration		18,755				7,000		25,755
FY 2022 Appropriated Base		18,755				7,000		25,755
1 / Program increase - communications resiliency arrays and distributed local elements						5,000		
1 / Program increase - multi-function and multi-mission payload						2,000		
04 0603619A								
Landmine Warfare and Barrier - Adv Dev		50,314				-3,677		46,637
FY 2022 Appropriated Base		50,314				-3,677		46,637
2 / SAVO OTA previously funded						-386		
2 / SAVO test requirements previously funded						-1,186		
2 / Next generation mounted breaching system TMRR government costs ahead of need						-555		
2 / Next generation mounted breaching system experimentation testing ahead of need						-1,500		
FFRDC Reductions (Sec. 8027)						-50		
04 0603639A								
Tank and Medium Caliber Ammunition		79,873				-6,029		73,844
FY 2022 Appropriated Base		79,873				-6,029		73,844
2 / Testing excess						-2,500		
2 / LRPM product development ahead of need						-3,410		
FFRDC Reductions (Sec. 8027)						-119		
04 0603645A								
Armored System Modernization - Adv Dev		170,590				-6,262		164,328
FY 2022 Appropriated Base		170,590				-6,262		164,328
1 / Program increase - advanced combat engine						4,000		
2 / Testing excess						-4,250		
2 / Experimental prototyping excess to need						-6,000		
FFRDC Reductions (Sec. 8027)						-12		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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04 0603747A								
Soldier Support and Survivability		2,897						2,897
FY 2022 Appropriated Base		2,897						2,897
04 0603766A								
Tactical Electronic Surveillance System - Adv Dev		113,365						113,365
FY 2022 Appropriated Base		113,365						113,365
04 0603774A								
Night Vision Systems Advanced Development		18,000				44,820		62,820
FY 2022 Appropriated Base		18,000				44,820		62,820
2 / HUD ECP ahead of need						-10,180		
Transfer from OPA line 83 for IVAS development						55,000		
04 0603779A								
Environmental Quality Technology - Dem/Val		11,921				11,000		22,921
FY 2022 Appropriated Base		11,921				11,000		22,921
1 / Program increase - underwater cut and capture demonstration						3,000		
1 / Program increase - wire-arc additive manufacturing						5,000		
1 / Program increase - biopolymers for military infrastructure						3,000		
04 0603790A								
NATO Research and Development		3,777						3,777
FY 2022 Appropriated Base		3,777						3,777
04 0603801A								
Aviation - Adv Dev		1,125,641				52,819		1,178,460
FY 2022 Appropriated Base		1,125,641				52,819		1,178,460
1 / Program increase - all electric flight control systems						5,000		
1 / Program increase - FLRAA						77,500		
2 / FLRAA PM costs excess growth						-4,500		
2 / FARA prototype costs previously funded						-10,000		
2 / FARA ecosystem excess						-5,000		
2 / FARA MOSA development excess						-5,000		
2 / FARA SEPM unjustified growth						-5,181		
04 0603804A								
Logistics and Engineer Equipment - Adv Dev		7,055				4,000		11,055
FY 2022 Appropriated Base		7,055				4,000		11,055
1 / Program increase - lightweight portable power generation						4,000		
04 0603807A								
Medical Systems - Adv Dev		22,071				14,982		37,053
FY 2022 Appropriated Base		22,071				14,982		37,053
1 / Program increase - wearable medical device for TBI protection						5,000		
1 / Program increase - freeze-fried platelets						10,000		
FFRDC Reductions (Sec. 8027)						-18		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04 0603827A								
Soldier Systems - Advanced Development		17,459				8,466		25,925
FY 2022 Appropriated Base		17,459				8,466		25,925
1 / Program increase - multi-spectral signature management						4,500		
1 / Program increase - lightweight C-sUAS force protection system						4,000		
FFRDC Reductions (Sec. 8027)						-34		
04 0604017A								
Robotics Development		87,198				-6,673		80,525
FY 2022 Appropriated Base		87,198				-6,673		80,525
1 / Program increase - robotic combat vehicle - medium						20,000		
2 / Other support costs unjustified growth						-11,820		
2 / Prototype manufacturing costs ahead of need						-8,615		
2 / Modeling and simulation carryover						-6,051		
FFRDC Reductions (Sec. 8027)						-187		
04 0604019A								
Expanded Mission Area Missile (EMAM)		50,674				-22,802		27,872
FY 2022 Appropriated Base		50,674				-22,802		27,872
2 / IFPC-HEL prototype contract ahead of need						-6,757		
2 / IFPC-HPM prototype contract ahead of need						-16,045		
04 0604035A								
Low Earth Orbit (LEO) Satellite Capability		19,638						19,638
FY 2022 Appropriated Base		19,638						19,638
04 0604036A								
Multi-Domain Sensing System (MDSS) Adv Dev		50,548						50,548
FY 2022 Appropriated Base		50,548						50,548
04 0604037A								
Tactical Intel Targeting Access Node (TITAN) Adv Dev		28,347						28,347
FY 2022 Appropriated Base		28,347						28,347
04 0604100A								
Analysis Of Alternatives		10,091						10,091
FY 2022 Appropriated Base		10,091						10,091
04 0604101A								
Small Unmanned Aerial Vehicle (SUAV) (6.4)		926						926
FY 2022 Appropriated Base		926						926
04 0604113A								
Future Tactical Unmanned Aircraft System (FTUAS)		69,697				6,652		76,349
FY 2022 Appropriated Base		69,697				6,652		76,349
1 / Program increase - future unmanned aircraft systems						15,000		
1 / Program increase - micro-IFF for FTUAS						5,000		
2 / FUAS labor excess due to acquisition strategy change						-13,348		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0604114A	Lower Tier Air Missile Defense (LTAMD) Sensor			327,690		-30,061		297,629
		FY 2022 Appropriated Base			327,690		-30,061		297,629
	2 /	Long term power and support costs ahead of need					-10,061		
	2 /	Prototyping/P3I carryover					-10,955		
	2 /	Test and evaluation carryover					-9,045		
04	0604115A	Technology Maturation Initiatives			270,124		-137,563		132,561
		FY 2022 Appropriated Base			270,124		-137,563		132,561
	2 /	Failure to properly manage recission					-30,041		
	2 /	Emerging technology development initiatives undefined requirements					-34,920		
	2 /	Super-system and technology product prototyping undefined requirement					-72,602		
04	0604117A	Maneuver - Short Range Air Defense (M-SHORAD)			39,376				39,376
		FY 2022 Appropriated Base			39,376				39,376
04	0604119A	Army Advanced Component Development & Prototyping			189,483				189,483
		FY 2022 Appropriated Base			189,483				189,483
04	0604120A	Assured Positioning, Navigation and Timing (PNT)			96,679		-12,727		83,952
		FY 2022 Appropriated Base			96,679		-12,727		83,952
	2 /	MAPS client platform and integration transitioning to procurement					-11,884		
		FFRDC Reductions (Sec. 8027)					-843		
04	0604121A	Synthetic Training Environment Refinement & Prototyping			194,195		12,140		206,335
		FY 2022 Appropriated Base			194,195		12,140		206,335
	1 /	Program increase - multi-sensor terrain data capture and processing					4,600		
	1 /	Program increase - next generation MILES					10,000		
	2 /	AvSE excess to need					-2,460		
04	0604134A	Counter Improvised-Threat Demonstration, Prototype Development, and Testing			13,379				13,379
		FY 2022 Appropriated Base			13,379				13,379

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0604182A								
	Hypersonics		300,928				14,203		315,131
	FY 2022 Appropriated Base		300,928				14,203		315,131
	1 / Program increase - glidebody risk reduction						44,000		
	1 / Program increase - near net shape materials						5,000		
	2 / Overestimation of GSE						-34,480		
	FFRDC Reductions (Sec. 8027)						-317		
04	0604403A		7,895				-1,000		6,895
	Future Interceptor								
	FY 2022 Appropriated Base		7,895				-1,000		6,895
	2 / Excess to need						-1,000		
04	0604531A		19,148						19,148
	Counter - Small Unmanned Aircraft Systems Advanced Development								
	FY 2022 Appropriated Base		19,148						19,148
04	0604541A		35,409				-237		35,172
	Unified Network Transport								
	FY 2022 Appropriated Base		35,409				-237		35,172
	FFRDC Reductions (Sec. 8027)						-237		
04	0604644A		286,457				-12		286,445
	Mobile Medium Range Missile								
	FY 2022 Appropriated Base		286,457				-12		286,445
	FFRDC Reductions (Sec. 8027)						-12		
04	0604785A		2,040						2,040
	Integrated Base Defense (Budget Activity 4)								
	FY 2022 Appropriated Base		2,040						2,040
04	0305251A		52,988				2,907		55,895
	Cyberspace Operations Forces and Force Support								
	FY 2022 Appropriated Base		52,988				2,907		55,895
	1 / Program increase - Army cyber institutes						4,000		
	2 / Prior year PCTE excess to OTA award						-1,000		
	FFRDC Reductions (Sec. 8027)						-93		
04	0603327A						15,000		15,000
	Air and Missile Defense Systems Engineering								
	FY 2022 Appropriated Base						15,000		15,000
	1 / Program increase - machine learning for integrated fires						10,000		
	1 / Program increase - software memory protection methods						5,000		
Subtotal Budget Activity 04: Advanced Component Development & Prototypes			3,806,330				11,946		3,818,276

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 05: System Development and Demonstration								
05 0604201A Aircraft Avionics		6,654						6,654
FY 2022 Appropriated Base		6,654						6,654
05 0604270A Electronic Warfare Development		30,840						30,840
FY 2022 Appropriated Base		30,840						30,840
05 0604601A Infantry Support Weapons		67,873				11,466		79,339
FY 2022 Appropriated Base		67,873				11,466		79,339
1 / Program increase - cannon life extension program						1,500		
1 / Program increase - turret gunner survivability and simulation environment						5,000		
1 / Program increase - solider enhancement program						10,000		
2 / Advanced tactical parachute DT/OT unjustified growth						-935		
2 / Next generation fire control OTA savings						-4,099		
05 0604604A Medium Tactical Vehicles		11,374				-1,850		9,524
FY 2022 Appropriated Base		11,374				-1,850		9,524
2 / OT previously funded						-1,850		
05 0604611A JAVELIN		7,094						7,094
FY 2022 Appropriated Base		7,094						7,094
05 0604622A Family of Heavy Tactical Vehicles		31,602				-3,157		28,445
FY 2022 Appropriated Base		31,602				-3,157		28,445
2 / EHETS training ahead of need						-1,632		
2 / Leader/follower test support ahead of need						-1,525		
05 0604633A Air Traffic Control		4,405						4,405
FY 2022 Appropriated Base		4,405						4,405
05 0604642A Light Tactical Wheeled Vehicles		2,055						2,055
FY 2022 Appropriated Base		2,055						2,055
05 0604645A Armored Systems Modernization (ASM) - Eng Dev		137,256				-14,478		122,778
FY 2022 Appropriated Base		137,256				-14,478		122,778
2 / SSEB excess						-1,750		
2 / MPF program management costs transition to procurement						-1,956		
2 / Excess to need						-10,772		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05 0604710A Night Vision Systems - Eng Dev		62,690				-19,273		43,417
FY 2022 Appropriated Base		62,690				-19,273		43,417
2 / NVG-N undefined acquisition strategy						-19,273		
05 0604713A Combat Feeding, Clothing, and Equipment		1,658						1,658
FY 2022 Appropriated Base		1,658						1,658
05 0604715A Non-System Training Devices - Eng Dev		26,540				-26		26,514
FY 2022 Appropriated Base		26,540				-26		26,514
FFRDC Reductions (Sec. 8027)						-26		
05 0604741A Air Defense Command, Control and Intelligence - Eng Dev		59,518						59,518
FY 2022 Appropriated Base		59,518						59,518
05 0604742A Constructive Simulation Systems Development		22,331				-91		22,240
FY 2022 Appropriated Base		22,331				-91		22,240
FFRDC Reductions (Sec. 8027)						-91		
05 0604746A Automatic Test Equipment Development		8,807						8,807
FY 2022 Appropriated Base		8,807						8,807
05 0604760A Distributive Interactive Simulations (DIS) - Eng Dev		7,453				5,000		12,453
FY 2022 Appropriated Base		7,453				5,000		12,453
1 / Program increase - Bathymetric unmanned littoral LiDar						5,000		
05 0604798A Brigade Analysis, Integration and Evaluation		21,534				-111		21,423
FY 2022 Appropriated Base		21,534				-111		21,423
FFRDC Reductions (Sec. 8027)						-111		
05 0604802A Weapons and Munitions - Eng Dev		309,778				-12,692		297,086
FY 2022 Appropriated Base		309,778				-12,692		297,086
2 / C-DAEM overestimation						-3,056		
2 / Unjustified growth - XM654 engineering support						-3,658		
2 / XM654 cased supercharge qualification testing ahead of need						-1,000		
2 / Reduction in .50 cal reduced range ammunition EMD vendors						-1,350		
2 / 7.62mm reduced range ammunition EMD down-select previously funded						-1,500		
2 / OWL 7.62mm EMD down-select previously funded						-2,000		
FFRDC Reductions (Sec. 8027)						-128		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0604804A	Logistics and Engineer Equipment - Eng Dev		59,261				-4,619		54,642
		FY 2022 Appropriated Base		59,261				-4,619		54,642
	1 /	Program increase - national hydrography dataset						2,000		
	2 /	Carryover						-5,000		
	2 /	FoHMLC-B DSB max weight testing previously funded						-1,600		
		FFRDC Reductions (Sec. 8027)						-19		
05	0604805A	Command, Control, Communications Systems - Eng Dev		20,121				-14		20,107
		FY 2022 Appropriated Base		20,121				-14		20,107
		FFRDC Reductions (Sec. 8027)						-14		
05	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev		44,424				-24		44,400
		FY 2022 Appropriated Base		44,424				-24		44,400
		FFRDC Reductions (Sec. 8027)						-24		
05	0604808A	Landmine Warfare/Barrier - Eng Dev		14,137				15,000		29,137
		FY 2022 Appropriated Base		14,137				15,000		29,137
	1 /	Program increase - prototype integration						15,000		
05	0604818A	Army Tactical Command & Control Hardware & Software		162,704				-7,687		155,017
		FY 2022 Appropriated Base		162,704				-7,687		155,017
	2 /	CECOM contract delays						-1,946		
	2 /	Rigid wall shelter duplication						-1,450		
	2 /	AIC modernization ahead of need						-2,147		
	2 /	Unjustified growth - Army Tactical C2 Systems Engineering						-1,944		
		FFRDC Reductions (Sec. 8027)						-200		
05	0604820A	Radar Development		127,919				-5,312		122,607
		FY 2022 Appropriated Base		127,919				-5,312		122,607
	2 /	A4 product development excess to need						-5,312		
05	0604822A	General Fund Enterprise Business System (GFEBS)		17,623				-1,644		15,979
		FY 2022 Appropriated Base		17,623				-1,644		15,979
	2 /	GFEBS capability enhancement carryover						-1,644		
05	0604827A	Soldier Systems - Warrior Dem/Val		6,454						6,454
		FY 2022 Appropriated Base		6,454						6,454

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0604852A	Suite of Survivability Enhancement Systems - EMD		106,354				-10,222		96,132
		FY 2022 Appropriated Base		106,354				-10,222		96,132
	1 /	Program increase - BFV active protection system						16,000		
	2 /	OM maintain level of effort						-2,300		
	2 /	Survivability enhancements unjustified growth						-3,922		
	2 /	MAC carryover						-20,000		
05	0605013A	Information Technology Development		122,168				7,212		129,380
		FY 2022 Appropriated Base		122,168				7,212		129,380
	1 /	Program increase - installation access control technology						4,500		
	1 /	Program increase - smart installation and community program						8,000		
	2 /	GFIM Phase II insufficient budget justification						-3,429		
	2 /	USMIRS 1.1 non-core applications overestimation						-1,724		
		FFRDC Reductions (Sec. 8027)						-135		
05	0605018A	Integrated Personnel and Pay System-Army (IPPS-A)		76,936				-9,235		67,701
		FY 2022 Appropriated Base		76,936				-9,235		67,701
	2 /	Prior year carryover						-5,000		
	2 /	Funded in operation and maintenance						-4,235		
05	0605028A	Armored Multi-Purpose Vehicle (AMPV)		35,560						35,560
		FY 2022 Appropriated Base		35,560						35,560
05	0605030A	Joint Tactical Network Center (JTNC)		16,364				-14		16,350
		FY 2022 Appropriated Base		16,364				-14		16,350
		FFRDC Reductions (Sec. 8027)						-14		
05	0605031A	Joint Tactical Network (JTN)		28,954				-49		28,905
		FY 2022 Appropriated Base		28,954				-49		28,905
		FFRDC Reductions (Sec. 8027)						-49		
05	0605035A	Common Infrared Countermeasures (CIRCM)		16,630						16,630
		FY 2022 Appropriated Base		16,630						16,630
05	0605038A	Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite		7,618						7,618
		FY 2022 Appropriated Base		7,618						7,618
05	0605041A	Defensive CYBER Tool Development		18,892				-81		18,811
		FY 2022 Appropriated Base		18,892				-81		18,811
		FFRDC Reductions (Sec. 8027)						-81		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0605042A	Tactical Network Radio Systems (Low-Tier)		28,849				-108		28,741
		FY 2022 Appropriated Base		28,849				-108		28,741
		FFRDC Reductions (Sec. 8027)						-108		
05	0605047A	Contract Writing System		22,960				-2,000		20,960
		FY 2022 Appropriated Base		22,960				-2,000		20,960
	2 /	ACWS product development delays						-2,000		
05	0605051A	Aircraft Survivability Development		65,603				-3,835		61,768
		FY 2022 Appropriated Base		65,603				-3,835		61,768
	1 /	Program increase - aviation AI virtual training environment						3,000		
	2 /	Machine learning unjustified need						-1,535		
	2 /	LIMWS development carryover						-5,300		
05	0605052A	Indirect Fire Protection Capability Inc 2 - Block 1		233,512				-51,255		182,257
		FY 2022 Appropriated Base		233,512				-51,255		182,257
	2 /	OTA prototyping ahead of need						-51,244		
		FFRDC Reductions (Sec. 8027)						-11		
05	0605053A	Ground Robotics		18,241				-1,881		16,360
		FY 2022 Appropriated Base		18,241				-1,881		16,360
	2 /	S-MET PMO support transition to procurement						-700		
	2 /	Common Robotic Controller PMO support unjustified growth						-1,181		
05	0605054A	Emerging Technology Initiatives		254,945				-28,143		226,802
		FY 2022 Appropriated Base		254,945				-28,143		226,802
	1 /	Program increase - high energy laser targeting systems						5,000		
	1 /	Program increase - cUAS integration with robotic vehicles						5,000		
	2 /	Unjustified growth - concept prototyping						-37,642		
		FFRDC Reductions (Sec. 8027)						-501		
05	0605143A	Biometrics Enabling Capability (BEC)		4,326						4,326
		FY 2022 Appropriated Base		4,326						4,326
05	0605144A	Next Generation Load Device - Medium		15,616				-219		15,397
		FY 2022 Appropriated Base		15,616				-219		15,397
	2 /	Test and evaluation ahead of need						-219		

Base for Reprogramming Actions									
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Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
	a								
05	0605145A								
	Medical Products and Support Systems Development		962						962
	FY 2022 Appropriated Base		962						962
05	0605148A								
	Tactical Intel Targeting Access Node (TITAN) EMD		54,972						54,972
	FY 2022 Appropriated Base		54,972						54,972
05	0605203A								
	Army System Development & Demonstration		122,175						122,175
	FY 2022 Appropriated Base		122,175						122,175
05	0605205A								
	Small Unmanned Aerial Vehicle (SUAV) (6.5)		2,275						2,275
	FY 2022 Appropriated Base		2,275						2,275
05	0605224A								
	Multi-Domain Intelligence		9,313						9,313
	FY 2022 Appropriated Base		9,313						9,313
05	0605225A								
	SIO Capability Development		22,713						22,713
	FY 2022 Appropriated Base		22,713						22,713
05	0605231A								
	Precision Strike Missile (PrSM)		188,452						188,452
	FY 2022 Appropriated Base		188,452						188,452
05	0605232A								
	Hypersonics EMD		111,473						111,473
	FY 2022 Appropriated Base		111,473						111,473
05	0605233A								
	Accessions Information Environment (AIE)		18,790				-2,000		16,790
	FY 2022 Appropriated Base		18,790				-2,000		16,790
	2 / Development delays						-2,000		
05	0605450A								
	Joint Air-to-Ground Missile (JAGM)		2,134						2,134
	FY 2022 Appropriated Base		2,134						2,134
05	0605457A								
	Army Integrated Air and Missile Defense (AIAMD)		157,873				2,000		159,873
	FY 2022 Appropriated Base		157,873				2,000		159,873
	1 / Program increase - kill chain automation						6,000		
	2 / Beyond IOC costs ahead of need						-4,000		
05	0605531A								
	Counter - Small Unmanned Aircraft Systems Sys Dev & Demonstration		33,386						33,386
	FY 2022 Appropriated Base		33,386						33,386

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h Amount i
05	0605625A							
	Manned Ground Vehicle		225,106				-22,786	202,320
	FY 2022 Appropriated Base		225,106				-22,786	202,320
	2 / PM support excess						-5,500	
	2 / Unjustified growth - other support costs						-8,886	
	2 / Phase 2 contract savings						-8,400	
05	0605766A							
	National Capabilities Integration (MIP)		14,454				-1,000	13,454
	FY 2022 Appropriated Base		14,454				-1,000	13,454
	2 / Air Vigilance development overestimation						-1,000	
05	0605812A							
	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph		2,564					2,564
	FY 2022 Appropriated Base		2,564					2,564
05	0605830A							
	Aviation Ground Support Equipment		1,201					1,201
	FY 2022 Appropriated Base		1,201					1,201
05	0303032A							
	TROJAN - RH12		3,362					3,362
	FY 2022 Appropriated Base		3,362					3,362
05	0304270A							
	Electronic Warfare Development		75,520					75,520
	FY 2022 Appropriated Base		75,520					75,520
05	0604854A							
	Artillery Systems - EMD						25,000	25,000
	FY 2022 Appropriated Base						25,000	25,000
	1 / Program increase - soft recoil artillery systems						25,000	
Subtotal Budget Activity 05: System Development and Demonstration			3,392,358				-138,128	3,254,230
Budget Activity 06: Management Support								
06	0604256A							
	Threat Simulator Development		18,439				42,983	61,422
	FY 2022 Appropriated Base		18,439				42,983	61,422
	1 / Program increase - cybersecurity operations center						40,000	
	1 / Program increase - threat cyberspace operations						3,000	
	FFRDC Reductions (Sec. 8027)						-17	
06	0604258A							
	Target Systems Development		17,404				25,000	42,404
	FY 2022 Appropriated Base		17,404				25,000	42,404
	1 / Program increase - UAS swarm threat representation, detection, and mitigation						25,000	
06	0604759A							
	Major T&E Investment		68,139				25,478	93,617
	FY 2022 Appropriated Base		68,139				25,478	93,617
	1 / Program increase - advancing operational test infrastructure						25,600	
	FFRDC Reductions (Sec. 8027)						-122	
06	0605103A							
	Rand Arroyo Center		33,126				-830	32,296
	FY 2022 Appropriated Base		33,126				-830	32,296
	FFRDC Reductions (Sec. 8027)						-830	

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
06 0605301A Army Kwajalein Atoll		240,877						240,877
FY 2022 Appropriated Base		240,877						240,877
06 0605326A Concepts Experimentation Program		79,710				-125		79,585
FY 2022 Appropriated Base		79,710				-125		79,585
FFRDC Reductions (Sec. 8027)						-125		
06 0605601A Army Test Ranges and Facilities		354,227				12,898		367,125
FY 2022 Appropriated Base		354,227				12,898		367,125
1 / Program increase - counter-UAS HEL platform integration						10,000		
1 / Program increase - environmental characterization for test operations						3,000		
FFRDC Reductions (Sec. 8027)						-102		
06 0605602A Army Technical Test Instrumentation and Targets		49,253				10,000		59,253
FY 2022 Appropriated Base		49,253				10,000		59,253
1 / Program increase - RAMP-T						10,000		
06 0605604A Survivability/Lethality Analysis		36,389				-19		36,370
FY 2022 Appropriated Base		36,389				-19		36,370
FFRDC Reductions (Sec. 8027)						-19		
06 0605606A Aircraft Certification		2,489						2,489
FY 2022 Appropriated Base		2,489						2,489
06 0605702A Meteorological Support to RDT&E Activities		6,689				-168		6,521
FY 2022 Appropriated Base		6,689				-168		6,521
FFRDC Reductions (Sec. 8027)						-168		
06 0605706A Materiel Systems Analysis		21,558						21,558
FY 2022 Appropriated Base		21,558						21,558
06 0605709A Exploitation of Foreign Items		13,631						13,631
FY 2022 Appropriated Base		13,631						13,631
06 0605712A Support of Operational Testing		55,122						55,122
FY 2022 Appropriated Base		55,122						55,122
06 0605716A Army Evaluation Center		65,854						65,854
FY 2022 Appropriated Base		65,854						65,854
06 0605718A Army Modeling & Sim X-Cmd Collaboration & Integ		2,633						2,633
FY 2022 Appropriated Base		2,633						2,633

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
06 0605801A Programwide Activities		96,589				-31		96,558
FY 2022 Appropriated Base		96,589				-31		96,558
FFRDC Reductions (Sec. 8027)						-31		
06 0605803A Technical Information Activities		26,808				5,179		31,987
FY 2022 Appropriated Base		26,808				5,179		31,987
1 / Program increase - extending standard sharable geospatial foundation to tactical edge warriors						5,200		
FFRDC Reductions (Sec. 8027)						-21		
06 0605805A Munitions Standardization, Effectiveness and Safety		43,042				20,000		63,042
FY 2022 Appropriated Base		43,042				20,000		63,042
1 / Program increase - foamable celluloid materials						5,000		
1 / Program increase - industrial base resiliency initiative						5,000		
1 / Program increase - polymer case ammunition						5,000		
1 / Program increase - additive manufacturing of high temperature alloys						5,000		
06 0605857A Environmental Quality Technology Mgmt Support		1,789						1,789
FY 2022 Appropriated Base		1,789						1,789
06 0605898A Army Direct Report Headquarters - R&D - MHA		52,108				-3,127		48,981
FY 2022 Appropriated Base		52,108				-3,127		48,981
2 / Overestimation of requirements						-3,000		
FFRDC Reductions (Sec. 8027)						-127		
06 0606002A Ronald Reagan Ballistic Missile Defense Test Site		80,952				-31		80,921
FY 2022 Appropriated Base		80,952				-31		80,921
FFRDC Reductions (Sec. 8027)						-31		
06 0606003A CounterIntel and Human Intel Modernization		5,363						5,363
FY 2022 Appropriated Base		5,363						5,363
06 0606105A Medical Program-Wide Activities		39,041						39,041
FY 2022 Appropriated Base		39,041						39,041
06 0606942A Assessments and Evaluations Cyber Vulnerabilities		5,466						5,466
FY 2022 Appropriated Base		5,466						5,466
Subtotal Budget Activity 06: Management Support		1,416,698				137,207		1,553,905

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 07: Operational Systems Development								
07 0603778A MLRS Product Improvement Program		12,314						12,314
FY 2022 Appropriated Base		12,314						12,314
07 0605024A Anti-Tamper Technology Support		8,868						8,868
FY 2022 Appropriated Base		8,868						8,868
07 0607131A Weapons and Munitions Product Improvement Programs		22,828				13,000		35,828
FY 2022 Appropriated Base		22,828				13,000		35,828
1 / Program increase - printed electronics						5,000		
1 / Program increase - tungsten manufacturing affordability initiative for armaments						8,000		
07 0607136A Blackhawk Product Improvement Program		4,773				10,000		14,773
FY 2022 Appropriated Base		4,773				10,000		14,773
1 / Program increase - blade improvement						10,000		
07 0607137A Chinook Product Improvement Program		52,372				15,500		67,872
FY 2022 Appropriated Base		52,372				15,500		67,872
1 / Program increase - CH-47 engine enhancement						7,500		
1 / Program increase - lightweight ballistic protection system						8,000		
07 0607139A Improved Turbine Engine Program		275,024				-15,000		260,024
FY 2022 Appropriated Base		275,024				-15,000		260,024
Platform integration previously funded						-15,000		
07 0607142A Aviation Rocket System Product Improvement and Development		12,417						12,417
FY 2022 Appropriated Base		12,417						12,417
07 0607143A Unmanned Aircraft System Universal Products		4,594						4,594
FY 2022 Appropriated Base		4,594						4,594
07 0607145A Apache Future Development		10,067						10,067
FY 2022 Appropriated Base		10,067						10,067
07 0607148A AN/TPQ-53 Counterfire Target Acquisition Radar System		56,681				-8,929		47,752
FY 2022 Appropriated Base		56,681				-8,929		47,752
2 / DDREX NRE phasing						-8,929		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0607150A		3,611						3,611
			3,611						3,611
07	0607312A		28,029						28,029
			28,029						28,029
07	0607313A		5,673						5,673
			5,673						5,673
07	0607665A		1,178				-34		1,144
			1,178				-34		1,144
							-34		
07	0607865A		125,932						125,932
			125,932						125,932
07	0203728A		25,547				-58		25,489
			25,547				-58		25,489
							-58		
07	0203735A		211,523				68,584		280,107
			211,523				68,584		280,107
	1 /						65,000		
	1 /						5,000		
	2 /						-1,393		
							-23		
07	0203743A		213,281				-38,205		175,076
			213,281				-38,205		175,076
	2 /						-38,126		
							-79		
07	0203752A		132						132
			132						132
07	0203758A		3,936				-33		3,903
			3,936				-33		3,903
							-33		
07	0203801A		127						127
			127						127
07	0203802A		10,265						10,265
			10,265						10,265

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0205412A	Environmental Quality Technology - Operational System Dev	262						262
		FY 2022 Appropriated Base	262						262
07	0205456A	Lower Tier Air and Missile Defense (AMD) System	182				-182		
		FY 2022 Appropriated Base	182				-182		
	2 /	Program transitioned to Patriot Product Improvement					-182		
07	0205778A	Guided Multiple-Launch Rocket System (GMLRS)	63,937				-3,204		60,733
		FY 2022 Appropriated Base	63,937				-3,204		60,733
	2 /	OGA carryover					-3,204		
07	0208053A	Joint Tactical Ground System	13,379						13,379
		FY 2022 Appropriated Base	13,379						13,379
07	0303028A	Security and Intelligence Activities	24,531						24,531
		FY 2022 Appropriated Base	24,531						24,531
07	0303140A	Information Systems Security Program	15,720				-40		15,680
		FY 2022 Appropriated Base	15,720				-40		15,680
		FFRDC Reductions (Sec. 8027)					-40		
07	0303141A	Global Combat Support System	52,739				-7,442		45,297
		FY 2022 Appropriated Base	52,739				-7,442		45,297
	2 /	Testing excess					-2,000		
	2 /	DICOPS acquisition strategy change					-5,442		
07	0303142A	SATCOM Ground Environment (SPACE)	15,247				-25		15,222
		FY 2022 Appropriated Base	15,247				-25		15,222
		FFRDC Reductions (Sec. 8027)					-25		
07	0305179A	Integrated Broadcast Service (IBS)	5,430						5,430
		FY 2022 Appropriated Base	5,430						5,430
07	0305204A	Tactical Unmanned Aerial Vehicles	8,410						8,410
		FY 2022 Appropriated Base	8,410						8,410
07	0305206A	Airborne Reconnaissance Systems	24,460						24,460
		FY 2022 Appropriated Base	24,460						24,460
07	0307665A	Biometrics Enabled Intelligence	2,066						2,066
		FY 2022 Appropriated Base	2,066						2,066

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Army, 2022/2023 (2040A)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
a										
07	0708045A	End Item Industrial Preparedness Activities		61,720				42,000		103,720
		FY 2022 Appropriated Base		61,720				42,000		103,720
	1 /	Program increase - liquid hydrogen refueling systems						10,000		
	1 /	Program increase - N2O5						10,000		
	1 /	Program increase - advanced manufacturing cell for missile fins						8,000		
	1 /	Program increase - lightweight transparent film armor						4,000		
	1 /	Program increase - scalable manufacturing of engineered fabrics						5,000		
	1 /	Program increase - nanoscale materials manufacturing						5,000		
07	9999999999	Classified Programs		2,993						2,993
		FY 2022 Appropriated Base		2,993						2,993
07	0203744A	Aircraft Modifications/Product Improvement Programs						10,000		10,000
		FY 2022 Appropriated Base						10,000		10,000
	1 /	Program increase - UAS ground base sense and avoid						10,000		
Subtotal Budget Activity 07: Operational Systems Development				1,380,248				85,932		1,466,180
Budget Activity 08: Software and Digital Technology Pilot Programs										
08	0608041A	Defensive CYBER - Software Prototype Development		118,811				-9,970		108,841
		FY 2022 Appropriated Base		118,811				-9,970		108,841
	2 /	Overestimation of program management costs						-6,922		
	2 /	Overestimation of DCO mission planning costs Cyberspace analytics excess to need						-3,000		
		FFRDC Reductions (Sec. 8027)						-48		
Subtotal Budget Activity 08: Software and Digital Technology Pilot Programs				118,811				-9,970		108,841
Grand Total Research, Development, Test, and Evaluation, Army, 2022/2023				12,799,645				1,728,614		14,528,259
Financing										
		APPROPRIATION, P.L. 117-103 (Base)		12,799,645				1,739,772		14,539,417
		FFRDC Reductions						-11,158		
		Subtotal General Provision Reductions								-11,158
		Subtotal General Provisions								-11,158
TOTAL FINANCING - FY 2022 PROGRAM				12,799,645				1,728,614		14,528,259
Footnotes:										
	1 /	One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
	2 /	This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
		For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

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Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Military Personnel, Navy, 2022/2022 (1453N)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Pay and Allowances of Officers		9,568,673				13,406		9,582,079
FY 2022 Appropriated Base		9,568,673				-5,283		9,563,390
Historical unobligated balances						-10,300		
Program increase - Basic Allowance for Housing						22,400		
Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						140		
Revised budget estimate						-17,523		
Ukrainian Supplemental, Division N of P.L. 117-103						2,327		2,327
Ukraine Assistance Supplemental (Div. N)						303		
Ukraine Assistance Supplemental (Div. N)						2,024		
Other Supplemental(s)						16,362		16,362
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						1,750		
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						14,612		
Subtotal Budget Activity 01: Pay and Allowances of Officers		9,568,673				13,406		9,582,079
Budget Activity 02: Pay And Allowances Of Enlisted Personnel		23,357,350				30,584		23,387,934
FY 2022 Appropriated Base		23,357,350				-60,327		23,297,023
Historical unobligated balances						-27,950		
Program increase - Basic Allowance for Housing						15,000		
Revised budget estimate						-47,377		
Ukrainian Supplemental, Division N of P.L. 117-103						8,946		8,946
Ukraine Assistance Supplemental (Div. N)						8,946		
Other Supplemental(s)						81,965		81,965
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						5,250		
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						76,715		
Subtotal Budget Activity 02: Pay And Allowances Of Enlisted Personnel		23,357,350				30,584		23,387,934
Budget Activity 03: Pay And Allowances Of Cadets		96,001						96,001
FY 2022 Appropriated Base		96,001						96,001
Subtotal Budget Activity 03: Pay And Allowances Of Cadets		96,001						96,001

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Military Personnel, Navy, 2022/2022 (1453N)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Subsistence of Enlisted Personnel		1,362,524				30,372		1,392,896
FY 2022 Appropriated Base		1,362,524				30,000		1,392,524
Program increase - Basic Allowance for Subsistence						23,900		
Program increase - USS FORT WORTH, USS DETROIT, USS LITTLE ROCK						6,100		
Ukrainian Supplemental, Division N of P.L. 117-103						372		372
Ukraine Assistance Supplemental (Div. N)						372		
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		1,362,524				30,372		1,392,896
Budget Activity 05: Permanent Change of Station Travel		995,629				42,982		1,038,611
FY 2022 Appropriated Base		995,629				42,982		1,038,611
1 / Program increase - Red Hill						26,482		
Program increase - USS FORT WORTH, USS DETROIT, USS LITTLE ROCK						16,500		
Subtotal Budget Activity 05: Permanent Change of Station Travel		995,629				42,982		1,038,611
Budget Activity 06: Other Military Personnel Costs		116,702						116,702
FY 2022 Appropriated Base		116,702						116,702
Subtotal Budget Activity 06: Other Military Personnel Costs		116,702						116,702
Grand Total Military Personnel, Navy, 2022/2022		35,496,879				117,344		35,614,223
Financing								
APPROPRIATION, P.L. 117-103 (Base)		35,496,879				7,372		35,504,251
Ukrainian Supplemental, Division N of P.L. 117-103						11,645		11,645
Other Supplemental(s)						98,327		98,327
TOTAL FINANCING - FY 2022 PROGRAM		35,496,879				117,344		35,614,223
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Military Personnel, Marine Corps, 2022/2022 (1105N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Pay and Allowances of Officers		3,380,899				13,163		3,394,062
FY 2022 Appropriated Base		3,380,899				8,333		3,389,232
1 / Program increase - Red Hill						291		
Program increase - Basic Allowance for Housing						4,223		
Program increase - Basic Allowance for Subsistence						3,679		
Program increase - Implementation of the Independent Review						140		
Commission on Sexual Assault in the Military								
Ukrainian Supplemental, Division N of P.L. 117-103						309		309
Ukraine Assistance Supplemental (Div. N)						309		
Other Supplemental(s)						4,521		4,521
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						4,000		
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						521		
Subtotal Budget Activity 01: Pay and Allowances of Officers		3,380,899				13,163		3,394,062
Budget Activity 02: Pay And Allowances Of Enlisted Personnel		10,088,515				-101,141		9,987,374
FY 2022 Appropriated Base		10,088,515				-135,602		9,952,913
1 / Program increase - Red Hill						873		
Historical unobligated balances						-108,411		
Program increase - Basic Allowance for Housing						12,177		
Revised budget estimate						-40,241		
Ukrainian Supplemental, Division N of P.L. 117-103						2,770		2,770
Ukraine Assistance Supplemental (Div. N)						2,770		
Other Supplemental(s)						31,691		31,691
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						27,006		
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						4,685		
Subtotal Budget Activity 02: Pay And Allowances Of Enlisted Personnel		10,088,515				-101,141		9,987,374

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Military Personnel, Marine Corps, 2022/2022 (1105N)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Subsistence of Enlisted Personnel		769,685				-85		769,600
FY 2022 Appropriated Base		769,685				-1,079		768,606
Program increase - Basic Allowance for Subsistence						7,921		
Revised budget estimate						-9,000		
Other Supplemental(s)						994		994
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						994		
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		769,685				-85		769,600
Budget Activity 05: Permanent Change of Station Travel		448,725				-27,089		421,636
FY 2022 Appropriated Base		448,725				-27,089		421,636
Historical unobligated balances						-23,589		
Revised budget estimate						-3,500		
Subtotal Budget Activity 05: Permanent Change of Station Travel		448,725				-27,089		421,636
Budget Activity 06: Other Military Personnel Costs		60,513				-20,500		40,013
FY 2022 Appropriated Base		60,513				-20,500		40,013
Historical unobligated balances						-20,500		
Subtotal Budget Activity 06: Other Military Personnel Costs		60,513				-20,500		40,013
Grand Total Military Personnel, Marine Corps, 2022/2022		14,748,337				-135,652		14,612,685
Financing								
APPROPRIATION, P.L. 117-103 (Base)		14,748,337				-175,937		14,572,400
Ukrainian Supplemental, Division N of P.L. 117-103						3,079		3,079
Other Supplemental(s)						37,206		37,206
TOTAL FINANCING - FY 2022 PROGRAM		14,748,337				-135,652		14,612,685
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Reserve Personnel, Navy, 2022/2022 (1405N)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Reserve Component Training and Support		2,316,934				-19,905		2,297,029
FY 2022 Appropriated Base		2,316,934				-19,905		2,297,029
Historical unobligated balances						-22,705		
Program increase - Basic Allowance for Housing						600		
Program increase - Basic Allowance for Subsistence						2,200		
Subtotal Budget Activity 01: Reserve Component Training and Support		2,316,934				-19,905		2,297,029
Grand Total Reserve Personnel, Navy, 2022/2022		2,316,934				-19,905		2,297,029
Financing								
APPROPRIATION, P.L. 117-103 (Base)		2,316,934				-19,905		2,297,029
TOTAL FINANCING - FY 2022 PROGRAM		2,316,934				-19,905		2,297,029
Footnotes:								
For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Reserve Personnel, Marine Corps, 2022/2022 (1108N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Reserve Component Training and Support		881,909				-79,290		802,619
FY 2022 Appropriated Base		881,909				-79,290		802,619
Historical unobligated balances						-15,690		
Program increase - Basic Allowance for Housing						500		
Program increase - Basic Allowance for Subsistence						900		
Revised budget estimate						-65,000		
Subtotal Budget Activity 01: Reserve Component Training and Support		881,909				-79,290		802,619
Grand Total Reserve Personnel, Marine Corps, 2022/2022		881,909				-79,290		802,619
Financing								
APPROPRIATION, P.L. 117-103 (Base)		881,909				-79,290		802,619
TOTAL FINANCING - FY 2022 PROGRAM		881,909				-79,290		802,619
Footnotes:								
For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Navy , 2022/2022 (1804N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		51,225,390				2,825,173		54,050,563
FY 2022 Appropriated Base		51,225,390				1,987,916		53,213,306
1 / Program increase (FSRM)						195,000		
1 / Program increase - Asia Pacific Regional Initiative						4,600		
1 / Program increase - INDOPACOM Pacific Movement Coordination Center						500		
1 / Program increase - INDOPACOM Pacific Multi-Domain training and experimentation capability						3,000		
1 / Program increase - INDOPACOM future fusion centers						3,300		
1 / Program increase - INDOPACOM military information support operations						28,000		
1 / Program increase - INDOPACOM mission partner environment						50,170		
1 / Program increase - INDOPACOM wargaming analytical tools						88,000		
1 / Program increase - SIOP						64,000		
1 / Program increase - USNA infrastructure programs						10,000		
1 / Program increase - USNA seawall						31,000		
1 / Program increase - USS CONNECTICUT repairs						40,000		
1 / Program increase - USS FORT WORTH, USS DETRIOT, USS LITTLE ROCK						18,900		
1 / Program increase - USS FORT WORTH, USS DETROIT, USS LITTLE ROCK						30,830		
1 / Program increase - cruiser sustainment						35,361		
1 / Program increase - for public shipyards/SIOP						200,000		
1 / Program increase - form modernization						5,000		
1 / Program increase - implementation of the Independent Review Commission on Sexual Assault in the Military						990		
1 / Program increase - natural resource management						5,000		
1 / Program increase - seismic and fore protection						20,000		
1 / Red Hill						341,131		
Childcare Fee						21,600		
Electric Vehicle Infrastructure/Lease Program						5,000		
Fuel						494,400		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Operation and Maintenance, Navy , 2022/2022 (1804N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Minimum Wage Increases							51,434		
Program decrease unaccounted for							-57,000		
Program increase - P.L. 115-68							1,000		
Transfer from RDT&E, N line 255/Deny transfer to RDTE,N for BA08 software pilot program							778,000		
Unjustified growth							-481,300		
4 /	Navy O&M - REPROGRAMMING GUIDANCE								
	Ukrainian Supplemental, Division N of P.L. 117-103						202,257		202,257
	Ukraine Assistance Supplemental (Div. N)						202,257		
	Other Supplemental(s)						635,000		635,000
1 /	Disaster Relief Supplemental, Division B of P.L. 117-43						565,000		
1 /	Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						70,000		
Subtotal Budget Activity 01: Operating Forces			51,225,390				2,825,173		54,050,563
Budget Activity 02: Mobilization			980,568				201,238		1,181,806
	FY 2022 Appropriated Base		980,568				201,238		1,181,806
2 /	Program decrease - reverse cruiser decommissionings						-5,552		
2 /	Program decrease - reverse decommissionings						-4,500		
	Sec. 8101 No-Year Amount of Funding						210,490		
	Transportation Command Working Capital Fund						800		
Subtotal Budget Activity 02: Mobilization			980,568				201,238		1,181,806
Budget Activity 03: Training and Recruiting			2,475,842				-3,374		2,472,468
	FY 2022 Appropriated Base		2,475,842				-3,374		2,472,468
1 /	Program increase - JROTC STEM training and education						5,000		
1 /	Program increase - U.S. Naval Sea Cadets						4,300		
	Minimum Wage Increases						66		
	P.L. 115-68 Implementation						260		
	Program decrease unaccounted for						-3,000		
	Unjustified growth						-10,000		
Subtotal Budget Activity 03: Training and Recruiting			2,475,842				-3,374		2,472,468

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Navy , 2022/2022 (1804N)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Admin & Srvwd Activities		5,113,906				64,057		5,177,963
FY 2022 Appropriated Base		5,113,906				63,517		5,177,423
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						2,240		
1 / Program increase - Naval Audit Service						25,000		
1 / Red Hill						76,577		
2 / Classified adjustment						-1,000		
Transportation Command Working Capital Fund						10,100		
Unjustified growth						-49,400		
Ukrainian Supplemental, Division N of P.L. 117-103						540		540
Ukraine Assistance Supplemental (Div. N)						540		
Subtotal Budget Activity 04: Admin & Srvwd Activities		5,113,906				64,057		5,177,963
Grand Total Operation and Maintenance, Navy , 2022/2022		59,795,706				3,087,094		62,882,800
Financing								
APPROPRIATION, P.L. 117-103 (Base)		59,795,706				2,249,297		62,045,003
Ukrainian Supplemental, Division N of P.L. 117-103						202,797		202,797
Other Supplemental(s)						635,000		635,000
TOTAL FINANCING - FY 2022 PROGRAM		59,795,706				3,087,094		62,882,800
Footnotes: <p>1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.</p> <p>2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.</p> <p>4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of these lines for Title II funds: 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; and Base Operating Support.</p> <p>For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Navy, 2022/XXXX (1804NX)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Mobilization		645,522				-210,490		435,032
FY 2022 Appropriated Base		645,522				-210,490		435,032
Sec. 8101 No-Year Amount of Funding						-210,490		
Subtotal Budget Activity 02: Mobilization		645,522				-210,490		435,032
Grand Total Operation and Maintenance, Navy, 2022/XXXX		645,522				-210,490		435,032
Financing								
APPROPRIATION, P.L. 117-103 (Base)		645,522				-210,490		435,032
TOTAL FINANCING - FY 2022 PROGRAM		645,522				-210,490		435,032
Footnotes:								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Marine Corps , 2022/2022 (1106N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		7,461,885				165,129		7,627,014
FY 2022 Appropriated Base		7,461,885				146,029		7,607,914
1 / Program increase (FSRM)						131,699		
1 / Program increase - AFFF disposal						500		
1 / Program increase - AFFF removal repairs						1,500		
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						5,530		
1 / Program increase - autonomous robotic targets						5,000		
1 / Program increase - hearing enhancement and protection headsets						17,500		
Childcare Fee						300		
Electric Vehicle Infrastructure and Lease Program						5,000		
Fuel						35,000		
Unjustified growth						-56,000		
4 / MC (O&M) - REPROGRAMMING GUIDANCE								
Ukrainian Supplemental, Division N of P.L. 117-103						19,100		19,100
Ukraine Assistance Supplemental (Div. N)						19,100		
Subtotal Budget Activity 01: Operating Forces		7,461,885				165,129		7,627,014
Budget Activity 03: Training and Recruiting		988,280				4,540		992,820
FY 2022 Appropriated Base		988,280				4,540		992,820
1 / Program increase - JROTC STEM training and education						3,000		
Fuel						5,700		
P.L. 115-68 Implementation						340		
Unjustified growth						-4,500		
Subtotal Budget Activity 03: Training and Recruiting		988,280				4,540		992,820

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Marine Corps , 2022/2022 (1106N)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Admin & Srvwd Activities		574,626				12,410		587,036
FY 2022 Appropriated Base		574,626				10,070		584,696
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						70		
Transportation Command Working Capital Fund						10,000		
Ukrainian Supplemental, Division N of P.L. 117-103						2,340		2,340
Ukraine Assistance Supplemental (Div. N)						2,340		
Subtotal Budget Activity 04: Admin & Srvwd Activities		574,626				12,410		587,036
Grand Total Operation and Maintenance, Marine Corps , 2022/2022		9,024,791				182,079		9,206,870
Financing								
APPROPRIATION, P.L. 117-103 (Base)		9,024,791				160,639		9,185,430
Ukrainian Supplemental, Division N of P.L. 117-103						21,440		21,440
TOTAL FINANCING - FY 2022 PROGRAM		9,024,791				182,079		9,206,870
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of these lines for Title II funds: Operational Forces; Field Logistics; Depot Maintenance; and Facilities Sustainment, Restoration, and Modernization. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Navy Reserve , 2022/2022 (1806N)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		1,131,491				24,900		1,156,391
FY 2022 Appropriated Base		1,131,491				24,900		1,156,391
1 / Program increase (FSRM)						25,000		
Fuel						13,400		
Program decrease unaccounted for						-15,000		
Trauma Training						1,500		
4 / Navy O&M - REPROGRAMMING GUIDANCE								
Subtotal Budget Activity 01: Operating Forces		1,131,491				24,900		1,156,391
Budget Activity 04: Admin & Srvwd Activities		17,207						17,207
FY 2022 Appropriated Base		17,207						17,207
Subtotal Budget Activity 04: Admin & Srvwd Activities		17,207						17,207
Grand Total Operation and Maintenance, Navy Reserve , 2022/2022		1,148,698				24,900		1,173,598
Financing								
APPROPRIATION, P.L. 117-103 (Base)		1,148,698				24,900		1,173,598
TOTAL FINANCING - FY 2022 PROGRAM		1,148,698				24,900		1,173,598
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of these lines for Title II funds: 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; and Base Operating Support. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Marine Corps Reserve, 2022/2022 (1107N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		270,994				9,810		280,804
FY 2022 Appropriated Base		270,994				9,810		280,804
1 / Program increase (FSRM)						10,000		
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						110		
Fuel						200		
Trauma Training						1,500		
Unjustified growth						-2,000		
Subtotal Budget Activity 01: Operating Forces		270,994				9,810		280,804
Budget Activity 04: Admin & Srvwd Activities		14,056						14,056
FY 2022 Appropriated Base		14,056						14,056
Subtotal Budget Activity 04: Admin & Srvwd Activities		14,056						14,056
Grand Total Operation and Maintenance, Marine Corps Reserve, 2022/2022		285,050				9,810		294,860
Financing								
APPROPRIATION, P.L. 117-103 (Base)		285,050				9,810		294,860
TOTAL FINANCING - FY 2022 PROGRAM		285,050				9,810		294,860
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Operation and Maintenance, the Below Threshold Reprogramming Limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Environmental Restoration Accounts, Navy, 2022/XXXX (0810NX)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Department Of The Navy		298,250				91,863		390,113
FY 2022 Appropriated Base		298,250				91,863		390,113
General program increase						74,563		
Program increase and \$17,300,000 is provided to address costs associated with remediating contamination caused by per- and polyfluoroalkyl substances						17,300		
Subtotal Budget Activity 02: Department Of The Navy		298,250				91,863		390,113
Grand Total Environmental Restoration Accounts, Navy, 2022/XXXX		298,250				91,863		390,113
Financing								
APPROPRIATION, P.L. 117-103 (Base)		298,250				91,863		390,113
TOTAL FINANCING - FY 2022 PROGRAM		298,250				91,863		390,113

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Navy, 2022/2024 (1506N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Combat Aircraft								
01 F/A-18E/F (Fighter) Hornet		87,832			12	889,329	12	977,161
FY 2022 Appropriated Base		87,832			12	889,329	12	977,161
1 / Program increase - 12 additional aircraft					12	900,000		
2 / Production line shutdown early to need						-10,671		
01 Joint Strike Fighter CV	20	2,108,645				-19,721	20	2,088,924
FY 2022 Appropriated Base	20	2,108,645				-19,721	20	2,088,924
2 / Fixed JPO support excess growth						-19,721		
01 Joint Strike Fighter CV Advance Procurement (CY)		249,145				-63,450		185,695
FY 2022 Appropriated Base		249,145				-63,450		185,695
2 / CFE - long lead excess to need						-63,450		
01 JSF STOVL	17	2,256,735				-67,452	17	2,189,283
FY 2022 Appropriated Base	17	2,256,735				-67,452	17	2,189,283
1 / Program increase - depot acceleration						50,000		
2 / Engines unit cost growth						-33,864		
2 / Fixed JPO support excess growth						-43,588		
2 / Non-recurring cost growth						-40,000		
01 JSF STOVL Advance Procurement (CY)		216,814						216,814
FY 2022 Appropriated Base		216,814						216,814
01 CH-53K (Heavy Lift)	9	1,286,264			2	200,130	11	1,486,394
FY 2022 Appropriated Base	9	1,286,264			2	200,130	11	1,486,394
1 / Program increase - two additional aircraft					2	250,000		
2 / NRE production capacity excess growth						-7,000		
2 / Airframe PGSE previously funded						-5,339		
2 / Engine PGSE previously funded						-4,370		
2 / Pubs/tech data previously funded						-14,782		
2 / Other ILD excess growth						-12,379		
2 / GFE growth						-6,000		
01 CH-53K (Heavy Lift) Advance Procurement (CY)		182,903						182,903
FY 2022 Appropriated Base		182,903						182,903

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Navy, 2022/2024 (1506N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01 V-22 (Medium Lift)	8	751,716			4	312,311	12	1,064,027
FY 2022 Appropriated Base	8	751,716			4	312,311	12	1,064,027
1 / Program increase - four additional MV-22					4	320,000		
2 / Support costs previously funded						-7,689		
01 H-1 Upgrades (UH-1Y/AH-1Z)		939						939
FY 2022 Appropriated Base		939						939
01 P-8A Poseidon		44,595						44,595
FY 2022 Appropriated Base		44,595						44,595
01 E-2D Adv Hawkeye	5	765,945				-16,326	5	749,619
FY 2022 Appropriated Base	5	765,945				-16,326	5	749,619
2 / Avionics PGSE excess growth						-8,776		
2 / Other ILS excess growth						-7,550		
01 E-2D Adv Hawkeye Advance Procurement (CY)		118,938						118,938
FY 2022 Appropriated Base		118,938						118,938
Subtotal Budget Activity 01: Combat Aircraft		8,070,471				1,234,821		9,305,292
Budget Activity 03: Trainer Aircraft								
03 Advanced Helicopter Training System	36	163,490					36	163,490
FY 2022 Appropriated Base	36	163,490					36	163,490
Subtotal Budget Activity 03: Trainer Aircraft		163,490						163,490
Budget Activity 04: Other Aircraft								
04 KC-130J	6	520,787				-8,498	6	512,289
FY 2022 Appropriated Base	6	520,787				-8,498	6	512,289
2 / NRE previously funded						-1,120		
2 / Unit cost growth						-7,378		
04 KC-130J Advance Procurement (CY)		68,088						68,088
FY 2022 Appropriated Base		68,088						68,088
04 MQ-4 Triton		160,151			2	323,000	2	483,151
FY 2022 Appropriated Base		160,151			2	323,000	2	483,151
1 / Program increase - two additional aircraft					2	323,000		
04 MQ-8 UAV		49,249						49,249
FY 2022 Appropriated Base		49,249						49,249
04 STUASLO UAV		13,151						13,151
FY 2022 Appropriated Base		13,151						13,151
04 MQ-25 Advance Procurement (CY)		47,468						47,468
FY 2022 Appropriated Base		47,468						47,468
04 Marine Group 5 UAS	6	233,686			2	38,980	8	272,666
FY 2022 Appropriated Base	6	233,686			2	38,980	8	272,666
1 / Program increase - two additional aircraft					2	40,000		
2 / Airframe excess unit cost						-1,020		
Subtotal Budget Activity 04: Other Aircraft		1,092,580				353,482		1,446,062

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Navy, 2022/2024 (1506N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 05: Modification of Aircraft								
05 F-18 A-D Unique		163,095				-1,000		162,095
FY 2022 Appropriated Base		163,095				-1,000		162,095
2 / F/A-18 aircraft structural life management plan (OSIP 11-99) inner wing installation excess cost growth						-1,000		
05 F-18E/F and EA-18G Modernization and Sustainm		482,899				-37,178		445,721
FY 2022 Appropriated Base		482,899				-37,178		445,721
2 / EA-18G unique (OSIP 011-10) support equipment excess growth						-2,987		
2 / EA-18G unique (OSIP 011-10) ECP 6482 processor unit early to need						-5,312		
2 / EA-18G unique (OSIP 011-10) ECP 6482 digital measure receiver early to need						-17,868		
2 / EA-18G unique (OSIP 011-10) ECP 6482 power supply early to need						-864		
2 / E/F and EA-18G correction of deficiencies (OSIP 14-03) E/F A-kits early to need						-10,147		
05 Marine Group 5 UAS Series		1,982						1,982
FY 2022 Appropriated Base		1,982						1,982
05 AEA Systems		23,296				-3,075		20,221
FY 2022 Appropriated Base		23,296				-3,075		20,221
2 / Excess support costs						-3,075		
05 AV-8 Series		17,882				-3,089		14,793
FY 2022 Appropriated Base		17,882				-3,089		14,793
2 / Obsolescence replacement (OSIP 006-06) other support costs prior year carryover						-3,089		
05 Infrared Search and Track (IRST)		138,827				-18,450		120,377
FY 2022 Appropriated Base		138,827				-18,450		120,377
2 / Reduction of four units/limit production growth						-18,450		
05 Adversary		143,571				-5,641		137,930
FY 2022 Appropriated Base		143,571				-5,641		137,930
2 / F-16 SLEP (OSIP 011-21) Falcon STAR excess NRE						-5,641		
05 F-18 Series		327,571				-3,172		324,399
FY 2022 Appropriated Base		327,571				-3,172		324,399
2 / Core avionics improvements/upgrades (OSIP 023-04) SCS previously funded						-2,033		
2 / SUU-63 unit cost growth (OSIP 10-16)						-1,139		
05 H-53 Series		112,436				-3,330		109,106
FY 2022 Appropriated Base		112,436				-3,330		109,106
2 / T-64 engine fuel controls (OSIP 010-05) previously funded						-3,330		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:						Fiscal Year Program:			
Aircraft Procurement, Navy, 2022/2024 (1506N)						2022			
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	MH-60 Series		94,794						94,794
	FY 2022 Appropriated Base		94,794						94,794
05	H-1 Series		124,194				-5,337		118,857
	FY 2022 Appropriated Base		124,194				-5,337		118,857
	2 / ECS thermal kits (OSIP 013-14) unit cost growth						-2,350		
	2 / ECS thermal kits (OSIP 013-14) installation previously funded						-1,500		
	2 / Floorboards upgrade kits (OSIP 013-14) installation excess cost						-1,487		
05	EP-3 Series		28,848						28,848
	FY 2022 Appropriated Base		28,848						28,848
05	E-2 Series		204,826				-4,835		199,991
	FY 2022 Appropriated Base		204,826				-4,835		199,991
	2 / NAVWAR A-kit installation (OSIP 011-19) previously funded						-1,250		
	2 / Electronic support measures (OSIP 007-21) previously funded						-1,785		
	2 / Electronic support measures (OSIP 007-21) excess installation costs						-1,800		
05	Trainer A/C Series		7,849						7,849
	FY 2022 Appropriated Base		7,849						7,849
05	C-2A		2,843						2,843
	FY 2022 Appropriated Base		2,843						2,843
05	C-130 Series		145,610				-3,000		142,610
	FY 2022 Appropriated Base		145,610				-3,000		142,610
	2 / Installation cost growth						-3,000		
05	FEWSG		734						734
	FY 2022 Appropriated Base		734						734
05	Cargo/Transport A/C Series		10,682				-5,311		5,371
	FY 2022 Appropriated Base		10,682				-5,311		5,371
	2 / Modifications (OSIP 012-04) previously funded						-5,311		
05	E-6 Series		128,029				-14,728		113,301
	FY 2022 Appropriated Base		128,029				-14,728		113,301
	2 / Phase 1 AC electrical B-kit (OSIP 003-04) previously funded						-1,600		
	2 / MR-TCDL B-kits installation delay (OSIP 013-10)						-7,785		
	2 / APU A-kits installation delay (OSIP 002-12)						-2,834		
	2 / FAB-T/PNVC installation delay (OSIP 014-14)						-2,509		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Navy, 2022/2024 (1506N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	Executive Helicopters Series							
	FY 2022 Appropriated Base	45,326				-5,168		40,158
	2 / Shipboard interoperability (OSIP 006-21) previously funded	45,326				-5,168		40,158
05	T-45 Series							
	FY 2022 Appropriated Base	158,772				-3,193		155,579
	2 / Airframe structural installation cost growth (OSIP 008-95)	158,772				-3,193		155,579
	2 / GGU-25 kits installation early to need (OSIP 012-19)					-1,712		
05	Power Plant Changes							
	FY 2022 Appropriated Base	24,915						24,915
05	JPATS Series							
	FY 2022 Appropriated Base	22,955				-1,997		20,958
	2 / Airframe emergent ECP excess to need (OSIP 008-20)	22,955				-1,997		20,958
05	Aviation Life Support Mods							
	FY 2022 Appropriated Base	2,477						2,477
05	Common ECM Equipment							
	FY 2022 Appropriated Base	119,574						119,574
05	Common Avionics Changes							
	FY 2022 Appropriated Base	118,839				-15,833		103,006
	2 / NAVWAR installation kits cost growth (OSIP 71-88)	118,839				-15,833		103,006
	2 / NAVWAR installation equipment cost growth (OSIP 71-88)					-992		
	2 / Training equipment previously funded (OSIP 21-01)					-1,223		
	2 / AvCIP installation equipment NRE (OSIP 11-09) previously funded					-2,400		
	2 / Secure communications installation kits (OSIP 10-19) previously funded					-2,232		
	2 / Secure communications installation equipment cost growth (OSIP 10-19)					-1,733		
	2 / Installation equipment NRE excess growth (OSIP 06-20)					-2,253		
						-5,000		
05	Common Defensive Weapon System							
	FY 2022 Appropriated Base	5,476						5,476
05	ID Systems							
	FY 2022 Appropriated Base	13,154						13,154
05	P-8 Series							
	FY 2022 Appropriated Base	131,298				-15,300		115,998
	2 / Program delays	131,298				-15,300		115,998

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Navy, 2022/2024 (1506N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05 MAGTF EW for Aviation		29,151						29,151
FY 2022 Appropriated Base		29,151						29,151
05 MQ-8 Series		31,624						31,624
FY 2022 Appropriated Base		31,624						31,624
05 V-22 (Tilt/Rotor ACFT) Osprey		312,835				-2,323		310,512
FY 2022 Appropriated Base		312,835				-2,323		310,512
2 / Drive link/proprotor hub spring change (OSIP 028-12) previously funded						-2,323		
05 Next Generation Jammer (NGJ)		266,676				-11,283		255,393
FY 2022 Appropriated Base		266,676				-11,283		255,393
2 / Other support (OSIP 002-19) excess growth						-3,000		
2 / Support equipment (OSIP 002-19) previously funded						-4,263		
2 / Training equipment (OSIP 002-19) previously funded						-4,020		
05 F-35 STOVL Series		177,054				-15,278		161,776
FY 2022 Appropriated Base		177,054				-15,278		161,776
2 / Block 4 B kits early to need						-10,204		
2 / A-kits cost growth (OSIP 009-21)						-5,074		
05 F-35 CV Series		138,269				-19,336		118,933
FY 2022 Appropriated Base		138,269				-19,336		118,933
2 / Block 4 B-kits schedule delay (OSIP 011-20)						-16,650		
2 / Vehicle systems installation excess growth (OSIP 001-21)						-2,686		
05 QRC		98,563				-5,000		93,563
FY 2022 Appropriated Base		98,563				-5,000		93,563
2 / Unjustified growth						-5,000		
05 MQ-4 Series		7,100						7,100
FY 2022 Appropriated Base		7,100						7,100
05 RQ-21 Series		14,123						14,123
FY 2022 Appropriated Base		14,123						14,123
Subtotal Budget Activity 05: Modification of Aircraft		3,878,149				-202,857		3,675,292
Budget Activity 06: Aircraft Spares and Repair Parts								
06 Spares and Repair Parts		2,339,077				-43,474		2,295,603
FY 2022 Appropriated Base		2,339,077				-43,474		2,295,603
1 / Program increase - four F-35B engines						117,800		
1 / Program increase - KC130J weapons system trainer initial spares						3,111		
1 / Program increase - KC130J initial spares						7,000		
2 / Aviation outfitting accounts spares excess growth						-171,385		
Subtotal Budget Activity 06: Aircraft Spares and Repair Parts		2,339,077				-43,474		2,295,603

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Aircraft Procurement, Navy, 2022/2024 (1506N)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 07: Aircraft Support Equip & Facilities								
07 Common Ground Equipment		517,267				-19,829		497,438
FY 2022 Appropriated Base		517,267				-19,829		497,438
2 / USMC fed sim ADVTE modernization preciously funded						-10,187		
2 / USMC fed sim MV-22 CFTD modernization previously funded						-6,000		
2 / NASMP common simulation models upgrade previously funded						-3,642		
07 Aircraft Industrial Facilities		80,500						80,500
FY 2022 Appropriated Base		80,500						80,500
07 War Consumables		42,496						42,496
FY 2022 Appropriated Base		42,496						42,496
07 Other Production Charges		21,374						21,374
FY 2022 Appropriated Base		21,374						21,374
07 Special Support Equipment		271,774						271,774
FY 2022 Appropriated Base		271,774						271,774
Subtotal Budget Activity 07: Aircraft Support Equip & Facilities		933,411				-19,829		913,582
Grand Total Aircraft Procurement, Navy, 2022/2024		16,477,178				1,322,143		17,799,321
Financing								
APPROPRIATION, P.L. 117-103 (Base)		16,477,178				1,322,143		17,799,321
TOTAL FINANCING - FY 2022 PROGRAM		16,477,178				1,322,143		17,799,321
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Weapons Procurement, Navy, 2022/2024 (1507N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Ballistic Missiles								
01 Trident II Mods		1,144,446				-24,205		1,120,241
FY 2022 Appropriated Base		1,144,446				-24,205		1,120,241
2 / Guidance production support excess growth						-10,000		
2 / SPALT assemblies unjustified request						-5,000		
2 / Shape stable nose tip excess growth						-2,400		
2 / Production support/missile hardware excess growth						-6,805		
01 Missile Industrial Facilities		7,319						7,319
FY 2022 Appropriated Base		7,319						7,319
Subtotal Budget Activity 01: Ballistic Missiles		1,151,765				-24,205		1,127,560
Budget Activity 02: Other Missiles								
02 Tomahawk	60	124,513			10	15,470	70	139,983
FY 2022 Appropriated Base	60	124,513			10	15,470	70	139,983
1 / Program increase - ten additional tomahawks					10	17,370		
2 / MK14 canisters previously funded						-1,900		
02 Sidewinder	178	86,366			-26	-7,760	152	78,606
FY 2022 Appropriated Base	178	86,366			-26	-7,760	152	78,606
2 / CATM Block II contract award delay						-1,060		
2,4 / AUR Block II contract award delay					-26	-6,700		
02 Standard Missile	125	521,814				-6,500	125	515,314
FY 2022 Appropriated Base	125	521,814				-6,500	125	515,314
2 / Diminishing manufacturing sources delays						-6,500		
02 Standard Missile Advance Procurement (CY)		45,357						45,357
FY 2022 Appropriated Base		45,357						45,357
02 JASSM	25	37,039			-25	-37,039		
FY 2022 Appropriated Base	25	37,039			-25	-37,039		
2 / Early to need					-25	-37,039		
02 Small Diameter Bomb II	180	40,877			-16	-7,113	164	33,764
FY 2022 Appropriated Base	180	40,877			-16	-7,113	164	33,764
2,4 / Contract award savings					-16	-7,113		
02 Ram	100	92,981			-30	-19,966	70	73,015
FY 2022 Appropriated Base	100	92,981			-30	-19,966	70	73,015
2,4 / Contract award delays					-30	-19,966		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Weapons Procurement, Navy, 2022/2024 (1507N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Joint Air Ground Missile (JAGM)	164	49,702			-11	-3,000	153	46,702
FY 2022 Appropriated Base	164	49,702			-11	-3,000	153	46,702
2,4 / AUR unit cost growth					-11	-3,000		
02 Hellfire	120	7,557					120	7,557
FY 2022 Appropriated Base	120	7,557					120	7,557
02 Aerial Targets		150,339				-8,893		141,446
FY 2022 Appropriated Base		150,339				-8,893		141,446
2 / EM441 install/mission kits previously funded						-625		
2 / EM203 GQM-163A contract award delay						-8,268		
02 Drones And Decoys	18	30,321					18	30,321
FY 2022 Appropriated Base	18	30,321					18	30,321
02 Other Missile Support		3,474						3,474
FY 2022 Appropriated Base		3,474						3,474
02 LRASM	48	161,212					48	161,212
FY 2022 Appropriated Base	48	161,212					48	161,212
02 Naval Strike Missile (NSM)	34	59,331			-2	-6,954	32	52,377
FY 2022 Appropriated Base	34	59,331			-2	-6,954	32	52,377
2,4 / Contract award delay					-2	-6,954		
02 Tomahawk Mods		206,233				-34,159		172,074
FY 2022 Appropriated Base		206,233				-34,159		172,074
2 / Classified adjustment						-34,159		
02 ESSM	108	248,619					108	248,619
FY 2022 Appropriated Base	108	248,619					108	248,619
02 AARGM	54	116,345				-6,510	54	109,835
FY 2022 Appropriated Base	54	116,345				-6,510	54	109,835
2 / AARGM-ER excess ILS costs						-3,011		
2 / AARGM-ER excess facilitization costs						-3,499		
02 Standard Missiles Mods		148,834				-18,352		130,482
FY 2022 Appropriated Base		148,834				-18,352		130,482
2 / SM-2 Block IIIC contract award delay						-7,335		
2 / SM-2 Block IIIC canisters contract award delay						-2,206		
2 / SM-2 Block IIIA2 modifications contract award delay						-1,983		
2 / Diminishing manufacturing resources excess to need						-6,828		
02 Weapons Industrial Facilities		1,819				10,000		11,819
FY 2022 Appropriated Base		1,819				10,000		11,819
1 / Program increase						10,000		
02 Ordnance Support Equipment		191,905				-48,816		143,089
FY 2022 Appropriated Base		191,905				-48,816		143,089
2 / Classified adjustment						-48,816		
Subtotal Budget Activity 02: Other Missiles		2,324,638				-179,592		2,145,046

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Weapons Procurement, Navy, 2022/2024 (1507N)

Fiscal Year Program:

2022

Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Torpedoes and Related Equipment								
03 SSTD		4,545						4,545
FY 2022 Appropriated Base		4,545						4,545
03 MK-48 Torpedo	58	159,107				-28,135	58	130,972
FY 2022 Appropriated Base	58	159,107				-28,135	58	130,972
2 / Guidance and control section contract award delay						-21,656		
2 / Warhead electronics contract award delay						-3,849		
2 / Installation previously funded						-2,630		
03 ASW Targets		13,630						13,630
FY 2022 Appropriated Base		13,630						13,630
03 MK-54 Torpedo Mods		106,112				-11,944		94,168
FY 2022 Appropriated Base		106,112				-11,944		94,168
2 / HAAWC contract award delay						-11,944		
03 MK-48 Torpedo ADCAP Mods		35,680				-7,693		27,987
FY 2022 Appropriated Base		35,680				-7,693		27,987
2 / CBASS kits unit cost growth						-3,563		
2 / CBASS installation previously funded						-4,130		
03 Maritime Mines		8,567						8,567
FY 2022 Appropriated Base		8,567						8,567
03 Torpedo Support Equipment		93,400				-2,568		90,832
FY 2022 Appropriated Base		93,400				-2,568		90,832
2 / Replacement warshot afterbodies contract award delay						-2,568		
03 ASW Range Support		3,997						3,997
FY 2022 Appropriated Base		3,997						3,997
03 First Destination Transportation		4,023						4,023
FY 2022 Appropriated Base		4,023						4,023
Subtotal Budget Activity 03: Torpedoes and Related Equipment		429,061				-50,340		378,721

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Weapons Procurement, Navy, 2022/2024 (1507N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Other Weapons								
04 Small Arms and Weapons		14,909				-2,448		12,461
FY 2022 Appropriated Base		14,909				-2,448		12,461
2 / SU-289/PVQ variable combat optical gunsight early to need						-1,108		
2 / Crew served weapons optics early to need						-1,340		
04 CIWS Mods		6,274						6,274
FY 2022 Appropriated Base		6,274						6,274
04 Coast Guard Weapons		45,958						45,958
FY 2022 Appropriated Base		45,958						45,958
04 Gun Mount Mods		68,775				25,000		93,775
FY 2022 Appropriated Base		68,775				25,000		93,775
1 / Program increase - operator ballistic protection for crew-served weapons						25,000		
04 LCS Module Weapons	14	2,121					14	2,121
FY 2022 Appropriated Base	14	2,121					14	2,121
04 Airborne Mine Neutralization Systems		14,822						14,822
FY 2022 Appropriated Base		14,822						14,822
Subtotal Budget Activity 04: Other Weapons		152,859				22,552		175,411
Budget Activity 06: Spares and Repair Parts								
06 Spares and Repair Parts		162,382				-6,463		155,919
FY 2022 Appropriated Base		162,382				-6,463		155,919
1 / Tomahawk spares excess growth						-5,259		
2 / RAM spares excess growth						-1,204		
Subtotal Budget Activity 06: Spares and Repair Parts		162,382				-6,463		155,919
Grand Total Weapons Procurement, Navy, 2022/2024		4,220,705				-238,048		3,982,657
Financing								
APPROPRIATION, P.L. 117-103 (Base)		4,220,705				-238,048		3,982,657
TOTAL FINANCING - FY 2022 PROGRAM		4,220,705				-238,048		3,982,657
Footnotes: <p>1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.</p> <p>2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.</p> <p>4 / Decrease in quantity reflects congressional action.</p> <p>For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement of Ammunition, Navy and Marine Corps, 2022/2024 (1508N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Proc Ammo, Navy								
01 General Purpose Bombs		48,635				-5,211		43,424
FY 2022 Appropriated Base		48,635				-5,211		43,424
2 / Q2898 BLU-137 NRE excess to need						-5,211		
01 JDAM	2,971	74,140			-1,084	-25,614	1,887	48,526
FY 2022 Appropriated Base	2,971	74,140			-1,084	-25,614	1,887	48,526
2 / Contract award delay					-1,084	-25,614		
01 Airborne Rockets, All Types		75,383						75,383
FY 2022 Appropriated Base		75,383						75,383
01 Machine Gun Ammunition		11,215						11,215
FY 2022 Appropriated Base		11,215						11,215
01 Practice Bombs		52,225				-2,141		50,084
FY 2022 Appropriated Base		52,225				-2,141		50,084
2 / Q1300 LGTR unit cost savings						-2,141		
01 Cartridges & Cart Actuated Devices		70,876				-2,489		68,387
FY 2022 Appropriated Base		70,876				-2,489		68,387
2 / Thermal batteries previously funded						-514		
2 / MK122 parachute deploy rocket MT29 units preciously funded						-1,975		
01 Air Expendable Countermeasures		61,600				-5,351		56,249
FY 2022 Appropriated Base		61,600				-5,351		56,249
2 / IR decoys previously funded						-4,351		
2 / IR decoys acceptance test and evaluation excess growth						-500		
2 / RR-198AL and RR-199AL contract award delays						-500		
01 JATOS		6,620						6,620
FY 2022 Appropriated Base		6,620						6,620
01 5 Inch/54 Gun Ammunition		28,922				-2,999		25,923
FY 2022 Appropriated Base		28,922				-2,999		25,923
2 / Renovation components unjustified request						-2,000		
2 / 5"/54 prop charge, full DA65 unit cost growth						-999		
01 Intermediate Caliber Gun Ammunition		36,038				-7,428		28,610
FY 2022 Appropriated Base		36,038				-7,428		28,610
2 / CART .57MM HE-PD previously funded						-7,428		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement of Ammunition, Navy and Marine Corps, 2022/2024 (1508N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01 Other Ship Gun Ammunition		39,070				-4,121		34,949
FY 2022 Appropriated Base		39,070				-4,121		34,949
2 / 30MM APFSDS-T cartridge contract award delay						-1,034		
2 / 20MM MK244 ELC cartridge unit cost growth						-3,087		
01 Small Arms & Landing Party Ammo		45,493				-7,498		37,995
FY 2022 Appropriated Base		45,493				-7,498		37,995
2 / NSW SMCA previously funded						-1,298		
2 / Integrated warfare systems .50 cal cartridges unit cost growth						-1,000		
2 / Integrated warfare systems 7.66MM cartridges unit cost growth						-639		
2 / G881 grenade, hand frag NSW excess to need						-916		
2 / 9MM MMR green primer (red) excess to need						-405		
2 / NSW .50 cal linked ball MK322 Mod 1/TRAC previously funded						-3,240		
01 Pyrotechnic and Demolition		9,163				-406		8,757
FY 2022 Appropriated Base		9,163				-406		8,757
2 / NSW DIM hand grenade unit cost growth						-406		
01 Ammunition Less Than \$5 Million		1,575				-785		790
FY 2022 Appropriated Base		1,575				-785		790
2 / Contract award delays						-785		
Subtotal Budget Activity 01: Proc Ammo, Navy		560,955				-64,043		496,912
Budget Activity 02: Proc Ammo, MC								
02 Mortars		50,707				-9,479		41,228
FY 2022 Appropriated Base		50,707				-9,479		41,228
2 / Mortar 81MM HE Frag unjustified growth						-9,479		
02 Direct Support Munitions		120,037				-5,884		114,153
FY 2022 Appropriated Base		120,037				-5,884		114,153
2 / Various munitions unit cost growth						-4,004		
2 / 20MM Cart Gustaf trainer system excess to need						-1,880		
02 Infantry Weapons Ammunition		94,001				-26,913		67,088
FY 2022 Appropriated Base		94,001				-26,913		67,088
1 / Program increase - Mk281 mod 3						6,200		
2 / BA54 and BA55 termination						-30,742		
2 / AC55 XM1198 unit cost growth						-1,340		
2 / 25MM TPDS-T linked M910 unit cost growth						-1,031		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement of Ammunition, Navy and Marine Corps, 2022/2024 (1508N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Combat Support Munitions		35,247				-8,861		26,386
FY 2022 Appropriated Base		35,247				-8,861		26,386
2 / ML25 M59A1 linear demolition charge excess to need						-7,880		
2 / DWHH MK18 electric blasting cap excess to need						-981		
02 Ammo Modernization		16,267				-1,123		15,144
FY 2022 Appropriated Base		16,267				-1,123		15,144
2 / Excess program growth						-1,123		
02 Artillery Munitions		105,669				-26,426		79,243
FY 2022 Appropriated Base		105,669				-26,426		79,243
2 / DA67 unit cost growth						-2,462		
2 / DA529 M795 metal parts carryover						-16,031		
2 / DA529 wooden pallets carryover						-632		
2 / 155MM (MACS) M32A2 excess to need						-7,301		
02 Items Less Than \$5 Million		5,135						5,135
FY 2022 Appropriated Base		5,135						5,135
Subtotal Budget Activity 02: Proc Ammo, MC		427,063				-78,686		348,377
Grand Total Procurement of Ammunition, Navy and Marine Corps, 2022/2024		988,018				-142,729		845,289
Financing								
APPROPRIATION, P.L. 117-103 (Base)		988,018				-142,729		845,289
TOTAL FINANCING - FY 2022 PROGRAM		988,018				-142,729		845,289
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Shipbuilding & Conversion, Navy, 2022/2022 (1611N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Other Warships								
02 Carrier Replacement Program						291,000		291,000
FY 2022 Appropriated Base						291,000		291,000
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2013						291,000		
02 CVN Refueling Overhauls Advance Procurement (CY)						158,800		158,800
FY 2022 Appropriated Base						158,800		158,800
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2016						158,800		
02 DDG-51						45,753		45,753
FY 2022 Appropriated Base						45,753		45,753
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2015						44,577		
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2016						1,176		
02 Littoral Combat Ship						44,860		44,860
FY 2022 Appropriated Base						44,860		44,860
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2016						24,860		
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2017						20,000		
Subtotal Budget Activity 02: Other Warships						540,413		540,413
Budget Activity 03: Amphibious Ships								
03 LPD-17						53,682		53,682
FY 2022 Appropriated Base						53,682		53,682
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2017						53,682		
Subtotal Budget Activity 03: Amphibious Ships						53,682		53,682
Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs								
05 Completion of PY Shipbuilding Programs		660,795				-660,795		
FY 2022 Appropriated Base		660,795				-660,795		
3 / Transfers Completion of Prior Year Shipbuilding to 2022/2022 per Sec 8076						-660,795		
05 TAO Fleet Oiler						66,700		66,700
FY 2022 Appropriated Base						66,700		66,700
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2016						23,358		
3 / Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2018						43,342		
Subtotal Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs		660,795				-594,095		66,700

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Shipbuilding & Conversion, Navy, 2022/2022 (1611N)						Fiscal Year Program: 2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h Amount i
Grand Total Shipbuilding & Conversion, Navy, 2022/2022			660,795					660,795
<i>Financing</i>								
APPROPRIATION, P.L. 117-103 (Base)			660,795					660,795
TOTAL FINANCING - FY 2022 PROGRAM			660,795					660,795
Footnotes: <p>3 / This item reflects an adjustment to realign a congressionally modified item, Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2018 for execution from . The adjustment does not change the purpose for which the funds were appropriated.</p> <p>3 / This item reflects an adjustment to realign a congressionally modified item, Transfers Completion of Prior Year Shipbuilding to 2022/2022 per Sec 8076 for execution from . The adjustment does not change the purpose for which the funds were appropriated.</p> <p>3 / This item reflects an adjustment to realign a congressionally modified item, Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2015 for execution from . The adjustment does not change the purpose for which the funds were appropriated.</p> <p>3 / This item reflects an adjustment to realign a congressionally modified item, Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2017 for execution from . The adjustment does not change the purpose for which the funds were appropriated.</p> <p>3 / This item reflects an adjustment to realign a congressionally modified item, Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2016 for execution from . The adjustment does not change the purpose for which the funds were appropriated.</p> <p>3 / This item reflects an adjustment to realign a congressionally modified item, Fund Prior Year Shipbuilding Cost Increases per Sec. 8076-2013 for execution from . The adjustment does not change the purpose for which the funds were appropriated.</p> <p>For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Shipbuilding & Conversion, Navy, 2022/2026 (1611N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Fleet Ballistic Missile Ships								
01 OHIO Replacement Submarine		3,003,000						3,003,000
FY 2022 Appropriated Base		3,003,000						3,003,000
01 OHIO Replacement Submarine Advance Procurement (CY)		1,643,980				130,000		1,773,980
FY 2022 Appropriated Base		1,643,980				130,000		1,773,980
1 / Program increase - submarine supplier development						130,000		
Subtotal Budget Activity 01: Fleet Ballistic Missile Ships		4,646,980				130,000		4,776,980
Budget Activity 02: Other Warships								
02 Carrier Replacement Program		1,068,705				-6,500		1,062,205
FY 2022 Appropriated Base		1,068,705				-6,500		1,062,205
2 / Basic construction growth						-6,500		
02 CVN-81		1,299,764				-12,045		1,287,719
FY 2022 Appropriated Base		1,299,764				-12,045		1,287,719
2 / Automatic carrier landing system early to need						-7,872		
2 / Air traffic control system early to need						-4,173		
02 Virginia Class Submarine	2	4,249,240				-15,000	2	4,234,240
FY 2022 Appropriated Base	2	4,249,240				-15,000	2	4,234,240
2 / Unjustified request						-15,000		
02 Virginia Class Submarine Advance Procurement (CY)		2,120,407				-15,000		2,105,407
FY 2022 Appropriated Base		2,120,407				-15,000		2,105,407
2 / Long-lead time CFE for two-year AP early to need						-15,000		
02 CVN Refueling Overhauls		2,456,018				-31,800		2,424,218
FY 2022 Appropriated Base		2,456,018				-31,800		2,424,218
2 / Excess growth						-20,000		
2 / Program decrease						-11,800		
02 CVN Refueling Overhauls Advance Procurement (CY)		66,262						66,262
FY 2022 Appropriated Base		66,262						66,262
02 DDG 1000		56,597						56,597
FY 2022 Appropriated Base		56,597						56,597
02 DDG-51	1	2,016,787			1	1,659,200	2	3,675,987
FY 2022 Appropriated Base	1	2,016,787			1	1,659,200	2	3,675,987
1 / Program increase - one additional DDG-51					1	1,659,200		
02 FFG-Frigate	1	1,087,900				3,000	1	1,090,900
FY 2022 Appropriated Base	1	1,087,900				3,000	1	1,090,900
1 / Program increase - bromine free water systems						3,000		
02 FFG-Frigate Advance Procurement (CY)		69,100				-69,100		
FY 2022 Appropriated Base		69,100				-69,100		
2 / Advance procurement unjustified request						-69,100		
02 DDG-51 Advance Procurement (CY)						120,000		120,000
FY 2022 Appropriated Base						120,000		120,000
1 / Program increase - advance procurement for DDG-51						120,000		
Subtotal Budget Activity 02: Other Warships		14,490,780				1,632,755		16,123,535

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Shipbuilding & Conversion, Navy, 2022/2026 (1611N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Amphibious Ships								
03 LPD Flight II		60,636						60,636
FY 2022 Appropriated Base		60,636						60,636
03 LHA Replacement		68,637						68,637
FY 2022 Appropriated Base		68,637						68,637
03 LPD Flight II Advance Procurement (CY)						250,000		250,000
FY 2022 Appropriated Base						250,000		250,000
1 / Program increase - advance procurement for LPD-32						250,000		
03 Expeditionary Sea Base (ESB) (17)						577,000		577,000
FY 2022 Appropriated Base						577,000		577,000
1 / Program increase - expeditionary sea base						577,000		
03 Expeditionary Fast Transport (EPF)					2	590,000	2	590,000
FY 2022 Appropriated Base					2	590,000	2	590,000
1 / Program increase - one additional EMS					1	330,000		
1 / Program increase - one additional EPF					1	260,000		
Subtotal Budget Activity 03: Amphibious Ships		129,273				1,417,000		1,546,273
Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs								
05 TAO Fleet Oiler	1	668,184			1	795,600	2	1,463,784
FY 2022 Appropriated Base	1	668,184			1	795,600	2	1,463,784
1 / Program increase - one additional T-AO Fleet Oiler					1	775,600		
1 / Program increase - affordability initiatives						20,000		
05 TAO Fleet Oiler Advance Procurement (CY)		76,012				-76,012		
FY 2022 Appropriated Base		76,012				-76,012		
2 / Unjustified request						-76,012		
05 Tagos Surtass Ships	1	434,384					1	434,384
FY 2022 Appropriated Base	1	434,384					1	434,384
05 Towing, Salvage, and Rescue Ship (ATS)	2	183,800					2	183,800
FY 2022 Appropriated Base	2	183,800					2	183,800
05 LCU 1700	4	67,928					4	67,928
FY 2022 Appropriated Base	4	67,928					4	67,928
05 Outfitting		655,707				-40,976		614,731
FY 2022 Appropriated Base		655,707				-40,976		614,731
2 / Outfitting early to need						-32,781		
2 / Post-delivery early to need						-8,195		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Shipbuilding & Conversion, Navy, 2022/2026 (1611N)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05 Ship to Shore Connector	2	156,738			3	235,100	5	391,838
FY 2022 Appropriated Base	2	156,738			3	235,100	5	391,838
1 / Program increase - three additional SSC					3	235,100		
05 Service Craft		67,866						67,866
FY 2022 Appropriated Base		67,866						67,866
05 LCAC SLEP	2	32,712					2	32,712
FY 2022 Appropriated Base	2	32,712					2	32,712
05 Auxiliary Vessels (Used Sealift)	5	299,900					5	299,900
FY 2022 Appropriated Base	5	299,900					5	299,900
Subtotal Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs		2,643,231				913,712		3,556,943
Grand Total Shipbuilding & Conversion, Navy, 2022/2026		21,910,264				4,093,467		26,003,731
Financing								
APPROPRIATION, P.L. 117-103 (Base)		21,910,264				4,093,467		26,003,731
TOTAL FINANCING - FY 2022 PROGRAM		21,910,264				4,093,467		26,003,731
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Ships Support Equipment								
01 Surface Power Equipment		41,414						41,414
FY 2022 Appropriated Base		41,414						41,414
01 Surface Combatant HM&E		83,746				-5,692		78,054
FY 2022 Appropriated Base		83,746				-5,692		78,054
1 / Program increase - DDG-51 lightweight advanced deguassing mine protection system						7,000		
2 / DDG-51 ship control systems unjustified growth						-3,664		
2 / HM&E condition system unjustified growth						-9,028		
01 Other Navigation Equipment		72,300						72,300
FY 2022 Appropriated Base		72,300						72,300
01 Sub Periscope, Imaging and Supt Equip Prog		234,932				-25,140		209,792
FY 2022 Appropriated Base		234,932				-25,140		209,792
2 / AN/BLQ-10B technical insertion kits for TI22 688/21 class unjustified request						-25,140		
01 DDG Mod		583,136				-47,469		535,667
FY 2022 Appropriated Base		583,136				-47,469		535,667
2 / DDG mod installation unjustified growth						-15,008		
2 / GEDMS equipment flight IIA installation excess growth						-4,821		
2 / MCS/DCS equipment flight II/IIA installation excess growth						-4,387		
2 / IBNS equipment installation excess growth						-1,104		
2 / AWS upgrade installation excess growth						-15,272		
2 / Multi-mission SIGPRO equipment installation excess growth						-2,374		
2 / IVCS equipment installation excess growth						-4,503		
01 Firefighting Equipment		15,040				-1,070		13,970
FY 2022 Appropriated Base		15,040				-1,070		13,970
2 / EEBD replacement and PES previously funded						-1,070		
01 Command and Control Switchboard		2,194						2,194
FY 2022 Appropriated Base		2,194						2,194
01 LHA/LHD Midlife		133,627				-14,199		119,428
FY 2022 Appropriated Base		133,627				-14,199		119,428
2 / Hydra installation excess to need						-881		
2 / Amplified announcing system contract award delay						-1,978		
2 / IVN upgrade contract award delay						-7,201		
2 / Ballast and DC console excess to need						-2,928		
2 / ICT upgrade early to need						-1,211		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:						Fiscal Year Program:			
Other Procurement, Navy, 2022/2024 (1810N)						2022			
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01	LCC 19/20 Extended Service Life Program		4,387				-2,986		1,401
	FY 2022 Appropriated Base		4,387				-2,986		1,401
	2 / Excess to need						-2,986		
01	Pollution Control Equipment		18,159						18,159
	FY 2022 Appropriated Base		18,159						18,159
01	Submarine Support Equipment		88,284						88,284
	FY 2022 Appropriated Base		88,284						88,284
01	Virginia Class Support Equipment		22,669						22,669
	FY 2022 Appropriated Base		22,669						22,669
01	LCS Class Support Equipment		9,640						9,640
	FY 2022 Appropriated Base		9,640						9,640
01	Submarine Batteries		21,834						21,834
	FY 2022 Appropriated Base		21,834						21,834
01	LPD Class Support Equipment		34,292				-12,199		22,093
	FY 2022 Appropriated Base		34,292				-12,199		22,093
	2 / HM&E survivability modifications installation delay						-731		
	2 / SWAN-CANES installation delay						-2,989		
	2 / HM&E mechanical/auxiliary mod knuckleboom crane improvements installation delay						-1,093		
	2 / HM&E mechanical/auxiliary mod common fuel rail unjustified request						-7,386		
01	DDG 1000 Class Support Equipment		126,107				-54,546		71,561
	FY 2022 Appropriated Base		126,107				-54,546		71,561
	2 / Diminishing manufacturing sources and material shortages unjustified growth						-3,846		
	2 / TSCE modernization software integration early to need						-10,500		
	2 / Data center lab insufficient budget justification						-16,700		
	2 / CPS early to need						-23,500		
01	Strategic Platform Support Equip		12,256						12,256
	FY 2022 Appropriated Base		12,256						12,256
01	DSSP Equipment		10,682				-7,400		3,282
	FY 2022 Appropriated Base		10,682				-7,400		3,282
	2 / SPDRS shallow water transfer skirt concurrency						-7,400		
01	CG Modernization		156,951				-18,025		138,926
	FY 2022 Appropriated Base		156,951				-18,025		138,926
	2 / Prior year carryover for CG66 and CG68						-18,025		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:						Fiscal Year Program:			
Other Procurement, Navy, 2022/2024 (1810N)						2022			
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01	LCAC		21,314						21,314
	FY 2022 Appropriated Base		21,314						21,314
01	Underwater EOD Equipment		24,146						24,146
	FY 2022 Appropriated Base		24,146						24,146
01	Items Less Than \$5 Million		84,789				-1,244		83,545
	FY 2022 Appropriated Base		84,789				-1,244		83,545
	1 / Program increase - modernized personnel transfer systems						3,000		
	1 / Program increase - centrifuge testing for surface combatants						1,000		
	2 / CVN78 excess growth						-5,244		
01	Chemical Warfare Detectors		2,997				-568		2,429
	FY 2022 Appropriated Base		2,997				-568		2,429
	2 / Chemical warfare embed upgrades kits excess installation costs						-568		
01	Ship Maintenance, Repair and Modernization		1,307,651						1,307,651
	FY 2022 Appropriated Base		1,307,651						1,307,651
01	Reactor Power Units		3,270						3,270
	FY 2022 Appropriated Base		3,270						3,270
01	Reactor Components		438,729						438,729
	FY 2022 Appropriated Base		438,729						438,729
01	Diving and Salvage Equipment		10,772						10,772
	FY 2022 Appropriated Base		10,772						10,772
01	Standard Boats		58,770				-1,052		57,718
	FY 2022 Appropriated Base		58,770				-1,052		57,718
	2 / 40PB unit cost growth						-1,052		
01	Operating Forces lpe		168,822				292,000		460,822
	FY 2022 Appropriated Base		168,822				292,000		460,822
	1 / Program increase - interim SSN maintenance support complexes						10,000		
	1 / Program increase - Naval Shipyard Capital Investment program						300,000		
	2 / CNC shaft lathe contract award delay						-18,000		
01	LCS Common Mission Modules Equipment		74,231				-10,730		63,501
	FY 2022 Appropriated Base		74,231				-10,730		63,501
	2 / Mission bay training modules early to need						-10,730		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01 LCS MCM Mission Modules		40,630				-10,511		30,119
FY 2022 Appropriated Base		40,630				-10,511		30,119
2 / AN/SLW-2 unmanned surface vehicle early to need						-10,511		
01 LCS ASW Mission Modules		1,565						1,565
FY 2022 Appropriated Base		1,565						1,565
01 LCS SUW Mission Modules		3,395						3,395
FY 2022 Appropriated Base		3,395						3,395
01 LCS In-Service Modernization		122,591				31,135		153,726
FY 2022 Appropriated Base		122,591				31,135		153,726
1 / Program increase - USS FORT, USS DETROIT, USS LITTLE ROCK						25,400		
1 / Program increase - condition-based maintenance for combat and communications systems						10,000		
2 / LCS maintenance modernization insufficient budget justification						-4,265		
01 Small & Medium UUV		32,534				12,000		44,534
FY 2022 Appropriated Base		32,534				12,000		44,534
1 / Program increase						12,000		
Subtotal Budget Activity 01: Ships Support Equipment		4,067,856				122,304		4,190,160
Budget Activity 02: Communications & Electronics Equip								
02 SPQ-9B Radar		15,927				-1,718		14,209
FY 2022 Appropriated Base		15,927				-1,718		14,209
2 / AN/SPQ-9B radar equipment previously funded						-1,718		
02 AN/SQQ-89 Surf ASW Combat System		131,829				-4,958		126,871
FY 2022 Appropriated Base		131,829				-4,958		126,871
2 / Technology insertion/refresh kits contract award delay						-4,958		
02 SSN Acoustic Equipment		379,850				-352		379,498
FY 2022 Appropriated Base		379,850				-352		379,498
1 / Program increase - TB-29C towed arrays						18,600		
2 / Virginia class technical insertion kits previously funded						-18,952		
02 Undersea Warfare Support Equipment		13,965						13,965
FY 2022 Appropriated Base		13,965						13,965
02 Submarine Acoustic Warfare System		24,578						24,578
FY 2022 Appropriated Base		24,578						24,578
02 SSTD		11,010						11,010
FY 2022 Appropriated Base		11,010						11,010
02 Fixed Surveillance System		363,651						363,651
FY 2022 Appropriated Base		363,651						363,651

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i
02	SURTASS	67,500						67,500
	FY 2022 Appropriated Base	67,500						67,500
02	AN/SLQ-32	370,559				-9,742		360,817
	FY 2022 Appropriated Base	370,559				-9,742		360,817
	2 / Block 3 spares and ECPs unjustified growth					-9,742		
02	Shipboard IW Exploit	261,735						261,735
	FY 2022 Appropriated Base	261,735						261,735
02	Automated Identification System (AIS)	3,777						3,777
	FY 2022 Appropriated Base	3,777						3,777
02	Cooperative Engagement Capability	24,641						24,641
	FY 2022 Appropriated Base	24,641						24,641
02	Naval Tactical Command Support System (NTCSS)	14,439						14,439
	FY 2022 Appropriated Base	14,439						14,439
02	ATDLS	101,595						101,595
	FY 2022 Appropriated Base	101,595						101,595
02	Navy Command and Control System (NCCS)	3,535						3,535
	FY 2022 Appropriated Base	3,535						3,535
02	Minesweeping System Replacement	15,640						15,640
	FY 2022 Appropriated Base	15,640						15,640
02	Shallow Water MCM	5,610						5,610
	FY 2022 Appropriated Base	5,610						5,610
02	Navstar GPS Receivers (SPACE)	33,097						33,097
	FY 2022 Appropriated Base	33,097						33,097
02	American Forces Radio and TV Service	2,513						2,513
	FY 2022 Appropriated Base	2,513						2,513
02	Strategic Platform Support Equip	4,823						4,823
	FY 2022 Appropriated Base	4,823						4,823
02	Ashore ATC Equipment	83,464				-954		82,510
	FY 2022 Appropriated Base	83,464				-954		82,510
	2 / AMTAC support unjustified request					-954		
02	Afloat ATC Equipment	67,055				-1,753		65,302
	FY 2022 Appropriated Base	67,055				-1,753		65,302
	2 / AN/SPN-50 unit cost growth					-1,753		
02	ID Systems	46,918						46,918
	FY 2022 Appropriated Base	46,918						46,918

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Joint Precision Approach And Landing System (35,386						35,386
FY 2022 Appropriated Base		35,386						35,386
02 Naval Mission Planning Systems		17,951				-1,174		16,777
FY 2022 Appropriated Base		17,951				-1,174		16,777
2 / Mission planning seat previously funded						-1,174		
02 Maritime Integrated Broadcast System		2,360				-600		1,760
FY 2022 Appropriated Base		2,360				-600		1,760
2 / Contract award delay						-600		
02 Tactical/Mobile C4I Systems		18,919						18,919
FY 2022 Appropriated Base		18,919						18,919
02 DCGS-N		16,691						16,691
FY 2022 Appropriated Base		16,691						16,691
02 CANES		412,002						412,002
FY 2022 Appropriated Base		412,002						412,002
02 RADIAC		9,074				-1,246		7,828
FY 2022 Appropriated Base		9,074				-1,246		7,828
2 / APD ship contract award delay						-1,246		
02 CANES-Intell		51,593						51,593
FY 2022 Appropriated Base		51,593						51,593
02 GPETE		23,930						23,930
FY 2022 Appropriated Base		23,930						23,930
02 MASF		8,795						8,795
FY 2022 Appropriated Base		8,795						8,795
02 Integ Combat System Test Facility		5,829						5,829
FY 2022 Appropriated Base		5,829						5,829
02 EMI Control Instrumentation		3,925						3,925
FY 2022 Appropriated Base		3,925						3,925
02 Items Less Than \$5 Million		156,042				-68,567		87,475
FY 2022 Appropriated Base		156,042				-68,567		87,475
2 / Historical underexecution						-11,939		
2 / Dual band radar unjustified growth						-16,318		
2 / Next generation surface search radar contract award delay						-40,310		
02 Shipboard Tactical Communications		43,212						43,212
FY 2022 Appropriated Base		43,212						43,212

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Ship Communications Automation		90,724				-651		90,073
FY 2022 Appropriated Base		90,724				-651		90,073
2 / Tactical messaging installation cost growth						-651		
02 Communications Items Under \$5M		44,447						44,447
FY 2022 Appropriated Base		44,447						44,447
02 Submarine Broadcast Support		47,579						47,579
FY 2022 Appropriated Base		47,579						47,579
02 Submarine Communication Equipment		64,642						64,642
FY 2022 Appropriated Base		64,642						64,642
02 Satellite Communications Systems		38,636						38,636
FY 2022 Appropriated Base		38,636						38,636
02 Navy Multiband Terminal (NMT)		34,723						34,723
FY 2022 Appropriated Base		34,723						34,723
02 Joint Communications Support Element (JCSE)		2,651						2,651
FY 2022 Appropriated Base		2,651						2,651
02 Info Systems Security Program (ISSP)		146,879				-1,568		145,311
FY 2022 Appropriated Base		146,879				-1,568		145,311
2 / NCSA early to need						-1,568		
02 MIO Intel Exploitation Team		977						977
FY 2022 Appropriated Base		977						977
02 Cryptologic Communications Equip		17,809						17,809
FY 2022 Appropriated Base		17,809						17,809
02 Coast Guard Equipment		63,214				18,250		81,464
FY 2022 Appropriated Base		63,214				18,250		81,464
1 / Program increase - Sea Giraffe (AN/SPS 77) tech data transfer and test asset						20,000		
2 / ARC-210 contract award delay						-1,510		
2 / OE-57D contract award delay						-240		
Subtotal Budget Activity 02: Communications & Electronics Equip		3,405,701				-75,033		3,330,668

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Aviation Support Equipment								
03 Sonobuoys - All Types		249,121				47,750		296,871
FY 2022 Appropriated Base		249,121				47,750		296,871
1 / Program increase - additional sonobuoys, all types						54,400		
2 / AN/SSQ-125 (multi-static coherent source) previously funded						-6,650		
03 Minotaur		4,963						4,963
FY 2022 Appropriated Base		4,963						4,963
03 Weapons Range Support Equipment		98,898				-11,150		87,748
FY 2022 Appropriated Base		98,898				-11,150		87,748
2 / Systems replacement and modernization previously funded						-918		
2 / Ocean systems previously funded						-7,516		
2 / Electronic warfare training equipment previously funded						-2,716		
03 Aircraft Support Equipment		178,647				-3,208		175,439
FY 2022 Appropriated Base		178,647				-3,208		175,439
2 / AN/SRQ-4 installations cost growth						-3,208		
03 Advanced Arresting Gear (AAG)		22,265						22,265
FY 2022 Appropriated Base		22,265						22,265
03 Meteorological Equipment		13,687						13,687
FY 2022 Appropriated Base		13,687						13,687
03 Legacy Airborne MCM		4,446						4,446
FY 2022 Appropriated Base		4,446						4,446
03 Lamps Equipment		1,470						1,470
FY 2022 Appropriated Base		1,470						1,470
03 Aviation Support Equipment		70,665				-8,169		62,496
FY 2022 Appropriated Base		70,665				-8,169		62,496
2 / ASIP-SY126 previously funded						-2,706		
2 / LEP-SY80 contract award delay						-2,876		
2 / Aviation maintenance advancement solutions contract award delay						-2,587		
03 UMCS-Unman Carrier Aviation(UCA)Mission Cntrl		86,584				-19,358		67,226
FY 2022 Appropriated Base		86,584				-19,358		67,226
2 / Ship change document previously funded						-3,163		
2 / Product support and assembly unjustified growth						-5,395		
2 / MQ-25 infrastructure early to need (CVN 72)						-5,900		
2 / Ground control station insufficient budget justification						-4,900		
Subtotal Budget Activity 03: Aviation Support Equipment		730,746				5,865		736,611

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Ordnance Support Equipment								
04 Ship Gun Systems Equipment		5,536						5,536
FY 2022 Appropriated Base		5,536						5,536
04 Harpoon Support Equipment		204						204
FY 2022 Appropriated Base		204						204
04 Ship Missile Support Equipment		237,987				-16,511		221,476
FY 2022 Appropriated Base		237,987				-16,511		221,476
2 / I-Stalker install previously funded						-1,219		
2 / SSDS production support unjustified growth						-4,920		
2 / Depot special tooling/test equipment previously funded						-656		
2 / MK57 UCEU hardware procurement contract award delay						-4,200		
2 / SSDC COTS conversion kits installation excess to need						-1,516		
2 / OTH WS installation excess to need						-4,000		
04 Tomahawk Support Equipment		88,726				-1,579		87,147
FY 2022 Appropriated Base		88,726				-1,579		87,147
2 / TMPC ILS previously funded						-1,579		
04 Strategic Missile Systems Equip		281,259				-4,829		276,430
FY 2022 Appropriated Base		281,259				-4,829		276,430
2 / Flight test instrumentation refresh previously funded						-4,829		
04 SSN Combat Control Systems		143,289				-15,172		128,117
FY 2022 Appropriated Base		143,289				-15,172		128,117
2 / Combat system tech refresh/legacy integration unjustified growth						-8,993		
2 / VB034 upgrades from TI04 and out baseline SSN774 class installation cost growth						-2,321		
2 / VB034 upgrades from TI04 and out baseline SSN774 w/CWL installation excess to need						-3,858		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04 ASW Support Equipment		30,595				-3,743		26,852
FY 2022 Appropriated Base		30,595				-3,743		26,852
2 / Fast attack craft target previously funded						-738		
2 / High speed maneuverable surface target contract award delay						-3,005		
04 Explosive Ordnance Disposal Equip		1,721						1,721
FY 2022 Appropriated Base		1,721						1,721
04 Items Less Than \$5 Million		8,746						8,746
FY 2022 Appropriated Base		8,746						8,746
04 Anti-Ship Missile Decoy System		76,994						76,994
FY 2022 Appropriated Base		76,994						76,994
04 Submarine Training Device Mods		75,813						75,813
FY 2022 Appropriated Base		75,813						75,813
04 Surface Training Equipment		127,814				8,000		135,814
FY 2022 Appropriated Base		127,814				8,000		135,814
1 / Program increase - littoral combat ship mission bay trainer						10,000		
2 / BFTT ship sets poor justification material						-2,000		
Subtotal Budget Activity 04: Ordnance Support Equipment		1,078,684				-33,834		1,044,850
Budget Activity 05: Civil Engineering Support Equip								
05 Passenger Carrying Vehicles		4,140						4,140
FY 2022 Appropriated Base		4,140						4,140
05 General Purpose Trucks		2,805						2,805
FY 2022 Appropriated Base		2,805						2,805
05 Construction & Maintenance Equip		48,403				2,454		50,857
FY 2022 Appropriated Base		48,403				2,454		50,857
1 / Program increase - GPS laser leveling systems for Seabees						4,600		
2 / Acquisition support previously funded						-2,146		
05 Fire Fighting Equipment		15,084						15,084
FY 2022 Appropriated Base		15,084						15,084
05 Tactical Vehicles		27,400						27,400
FY 2022 Appropriated Base		27,400						27,400
05 Pollution Control Equipment		2,607				2,762		5,369
FY 2022 Appropriated Base		2,607				2,762		5,369
1 / Program increase - Red Hill						2,762		
05 Items less than \$5 Million		51,963				-1,344		50,619
FY 2022 Appropriated Base		51,963				-1,344		50,619
2 / Expeditionary facilities unit cost growth						-644		
2 / Diesel generators unit cost growth						-700		
05 Physical Security Vehicles		1,165						1,165
FY 2022 Appropriated Base		1,165						1,165
Subtotal Budget Activity 05: Civil Engineering Support Equip		153,567				3,872		157,439

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Navy, 2022/2024 (1810N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 06: Supply Support Equipment								
06 Supply Equipment		24,698						24,698
FY 2022 Appropriated Base		24,698						24,698
06 First Destination Transportation		5,385						5,385
FY 2022 Appropriated Base		5,385						5,385
06 Special Purpose Supply Systems		660,750						660,750
FY 2022 Appropriated Base		660,750						660,750
Subtotal Budget Activity 06: Supply Support Equipment		690,833						690,833
Budget Activity 07: Personnel & Command Support Equip								
07 Training Support Equipment		3,465				-263		3,202
FY 2022 Appropriated Base		3,465				-263		3,202
2 / BST-21 training management system previously funded						-263		
07 Training and Education Equipment		60,114				-1,291		58,823
FY 2022 Appropriated Base		60,114				-1,291		58,823
2 / West coast network consolidation unjustified request						-1,291		
07 Command Support Equipment		31,007						31,007
FY 2022 Appropriated Base		31,007						31,007
07 Medical Support Equipment		7,346				7,000		14,346
FY 2022 Appropriated Base		7,346				7,000		14,346
1 / Program increase - expeditionary medical facilities						7,000		
07 Naval MIP Support Equipment		2,887						2,887
FY 2022 Appropriated Base		2,887						2,887
07 Operating Forces Support Equipment		12,815						12,815
FY 2022 Appropriated Base		12,815						12,815
07 C4ISR Equipment		6,324						6,324
FY 2022 Appropriated Base		6,324						6,324
07 Environmental Support Equipment		25,098						25,098
FY 2022 Appropriated Base		25,098						25,098
07 Physical Security Equipment		110,647				-3,176		107,471
FY 2022 Appropriated Base		110,647				-3,176		107,471
2 / Naval non-lethal effects failure to comply with congressional direction						-1,588		
2 / C4I previously funded						-1,588		
07 Enterprise Information Technology		31,709						31,709
FY 2022 Appropriated Base		31,709						31,709
07 Next Generation Enterprise Service		41				175,000		175,041
FY 2022 Appropriated Base		41				175,000		175,041
Transfer from RDT&E,N line 255						175,000		
07 Cyberspace Activities		12,859						12,859
FY 2022 Appropriated Base		12,859						12,859
07 Classified Programs		19,808						19,808
FY 2022 Appropriated Base		19,808						19,808
Subtotal Budget Activity 07: Personnel & Command Support Equip		324,120				177,270		501,390

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Other Procurement, Navy, 2022/2024 (1810N)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 08: Spares and Repair Parts								
08 Spares and Repair Parts		424,405				-3,705		420,700
FY 2022 Appropriated Base		424,405				-3,705		420,700
2 / UMCS - UCA mission control stations spares early to need						-3,705		
Subtotal Budget Activity 08: Spares and Repair Parts		424,405				-3,705		420,700
Grand Total Other Procurement, Navy, 2022/2024		10,875,912				196,739		11,072,651
Financing								
APPROPRIATION, P.L. 117-103 (Base)		10,875,912				196,739		11,072,651
TOTAL FINANCING - FY 2022 PROGRAM		10,875,912				196,739		11,072,651
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Marine Corps, 2022/2024 (1109N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Weapons and combat vehicles								
02 AAV7A1 PIP		36,836						36,836
FY 2022 Appropriated Base		36,836						36,836
02 Amphibious Combat Vehicle Family of Vehicles	92	532,355			-9	-11,658	83	520,697
FY 2022 Appropriated Base	92	532,355			-9	-11,658	83	520,697
2 / Engineering change orders excess growth/reduce carryover					-9	-3,000		
2 / NRE and industrial tooling unjustified growth						-8,658		
02 LAV PIP		23,476				-1,360		22,116
FY 2022 Appropriated Base		23,476				-1,360		22,116
2 / Reduce carryover						-1,360		
02 155mm Lightweight Towed Howitzer		32						32
FY 2022 Appropriated Base		32						32
02 Artillery Weapons System		67,548			117	153,799	117	221,347
FY 2022 Appropriated Base		67,548			117	153,799	117	221,347
1 / Program increase - tactical tomahawk					48	96,000		
1 / Program increase - naval strike missile					69	57,799		
02 Weapons and Combat Vehicles Under \$5 Million		35,402				-4,501		30,901
FY 2022 Appropriated Base		35,402				-4,501		30,901
2 / Principal end item re-procurement unjustified request						-1,690		
2 / RHGPK production units failure to comply with congressional direction						-1,086		
2 / RHGPK accessories excess growth						-1,725		
Subtotal Budget Activity 02: Weapons and combat vehicles		695,649				136,280		831,929
Budget Activity 03: Guided missiles and equipment								
03 Ground Based Air Defense		9,349						9,349
FY 2022 Appropriated Base		9,349						9,349
03 Anti-Armor Missile-Javelin	1	937					1	937
FY 2022 Appropriated Base	1	937					1	937
03 Family Anti-Armor Weapon Systems (FOAAWS)		20,481						20,481
FY 2022 Appropriated Base		20,481						20,481
03 Anti-Armor Missile-TOW		14,359				-4,566		9,793
FY 2022 Appropriated Base		14,359				-4,566		9,793
2 / Guided missiles restoring acquisition accountability						-4,566		
03 Guided MLRS Rocket (GMLRS)	654	98,299			-118	-21,931	536	76,368
FY 2022 Appropriated Base	654	98,299			-118	-21,931	536	76,368
2 / Tactical GMLRS hardware restoring acquisition accountability					-118	-21,931		
Subtotal Budget Activity 03: Guided missiles and equipment		143,425				-26,497		116,928

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Marine Corps, 2022/2024 (1109N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Communications And Electronics Equipment								
04 Common Aviation Command and Control System (C		18,247						18,247
FY 2022 Appropriated Base		18,247						18,247
04 Repair and Test Equipment		33,554						33,554
FY 2022 Appropriated Base		33,554						33,554
04 Modification Kits		167						167
FY 2022 Appropriated Base		167						167
04 Items Under \$5 Million (Comm & Elec)		64,879				38,279		103,158
FY 2022 Appropriated Base		64,879				38,279		103,158
1 / Program increase - squad binocular night vision goggle						40,000		
2 / Combat camera systems previously funded						-474		
2 / SIGMAN equipment unjustified growth						-1,247		
04 Air Operations C2 Systems		1,291						1,291
FY 2022 Appropriated Base		1,291						1,291
04 Ground/Air Task Oriented Radar (G/ATOR)	8	297,369				42,000	8	339,369
FY 2022 Appropriated Base	8	297,369				42,000	8	339,369
1 / Program increase - AN/TPS-80 G/ATOR long range radar						44,000		
2 / Depot tooling facilitization early to need						-2,000		
04 GCSS-MC		604				-604		
FY 2022 Appropriated Base		604				-604		
2 / Reduce carryover						-604		
04 Fire Support System		39,810				-6,002		33,808
FY 2022 Appropriated Base		39,810				-6,002		33,808
2 / Mobile shelter modernization previously funded						-6,002		
04 Intelligence Support Equipment		67,309				-5,449		61,860
FY 2022 Appropriated Base		67,309				-5,449		61,860
1 / Program increase - sensitive compartmented information network						5,551		
2 / Reduce carryover						-11,000		
04 Unmanned Air Systems (Intel)		24,299						24,299
FY 2022 Appropriated Base		24,299						24,299
04 DCGS-MC		28,633						28,633
FY 2022 Appropriated Base		28,633						28,633
04 UAS Payloads		3,730				-656		3,074
FY 2022 Appropriated Base		3,730				-656		3,074
2 / Excess to need						-656		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Marine Corps, 2022/2024 (1109N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04 Next Generation Enterprise Network (NGEN)		97,060				-6,086		90,974
FY 2022 Appropriated Base		97,060				-6,086		90,974
2 / Excess growth						-6,086		
04 Common Computer Resources		83,606				-6,291		77,315
FY 2022 Appropriated Base		83,606				-6,291		77,315
2 / Wargaming hardware early to need						-2,000		
2 / Training and education headquarters support unjustified request						-2,291		
2 / Recruit training early to need						-2,000		
04 Command Post Systems		53,708				-5,075		48,633
FY 2022 Appropriated Base		53,708				-5,075		48,633
2 / NOTM ULTV systems early to need						-5,075		
04 Radio Systems		468,678				-67,332		401,346
FY 2022 Appropriated Base		468,678				-67,332		401,346
2 / Excess to need						-67,332		
04 Comm Switching & Control Systems		49,600				-7,306		42,294
FY 2022 Appropriated Base		49,600				-7,306		42,294
2 / Excess growth						-7,306		
04 Comm & Elec Infrastructure Support		110,835				-14,892		95,943
FY 2022 Appropriated Base		110,835				-14,892		95,943
2 / Unified capabilities and dense wave division multiplexing excess growth						-10,000		
2 / BTI defense policy review initiative Guam early to need						-4,892		
04 Cyberspace Activities		25,377						25,377
FY 2022 Appropriated Base		25,377						25,377
04 Classified Programs		4,034						4,034
FY 2022 Appropriated Base		4,034						4,034
Subtotal Budget Activity 04: Communications And Electronics Equipment		1,472,790				-39,414		1,433,376

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Marine Corps, 2022/2024 (1109N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 05: Support Vehicles								
05 Commercial Cargo Vehicles		17,848						17,848
FY 2022 Appropriated Base		17,848						17,848
05 Motor Transport Modifications		23,363				-5,716		17,647
FY 2022 Appropriated Base		23,363				-5,716		17,647
2 / Heavy trailer ECP excess growth						-4,277		
2 / Light tactical vehicle modifications ECPs unjustified growth						-1,439		
05 Joint Light Tactical Vehicle	613	322,013			23		636	322,013
FY 2022 Appropriated Base	613	322,013			23		636	322,013
Quantities updated to reflect actual procurement as footnoted in the FY 2022 President's Budget justification materials.					23			
05 Trailers		9,876						9,876
FY 2022 Appropriated Base		9,876						9,876
Subtotal Budget Activity 05: Support Vehicles		373,100				-5,716		367,384
Budget Activity 06: Engineer and Other Equipment								
06 Tactical Fuel Systems		2,161						2,161
FY 2022 Appropriated Base		2,161						2,161
06 Power Equipment Assorted		26,625				-10,585		16,040
FY 2022 Appropriated Base		26,625				-10,585		16,040
2 / IPMS intelligent power distribution excess to need						-10,585		
06 Amphibious Support Equipment		17,119				-4,800		12,319
FY 2022 Appropriated Base		17,119				-4,800		12,319
2 / Tactical unmanned resupply aircraft system and support unjustified request						-4,800		
06 EOD Systems		94,472						94,472
FY 2022 Appropriated Base		94,472						94,472
06 Physical Security Equipment		84,513				2,607		87,120
FY 2022 Appropriated Base		84,513				2,607		87,120
1 / Program increase - multi-domain counter-intrusion systems						21,300		
2 / Collateral equipment early to need						-18,693		
06 Field Medical Equipment		8,105						8,105
FY 2022 Appropriated Base		8,105						8,105

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Procurement, Marine Corps, 2022/2024 (1109N)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
06 Training Devices		37,814				-6,176		31,638
FY 2022 Appropriated Base		37,814				-6,176		31,638
2 / CACTUS lab equipment previously funded						-3,573		
2 / RTAM multiple instrum previously funded						-2,603		
06 Family of Construction Equipment		34,658				4,980		39,638
FY 2022 Appropriated Base		34,658				4,980		39,638
1 / Program increase - rough terrain container handler						4,980		
06 Ultra-Light Tactical Vehicle (ULTV)		15,439						15,439
FY 2022 Appropriated Base		15,439						15,439
06 Items Less Than \$5 Million		4,402						4,402
FY 2022 Appropriated Base		4,402						4,402
Subtotal Budget Activity 06: Engineer and Other Equipment		325,308				-13,974		311,334
Budget Activity 07: Spares and Repair Parts								
07 Spares and Repair Parts		32,819						32,819
FY 2022 Appropriated Base		32,819						32,819
Subtotal Budget Activity 07: Spares and Repair Parts		32,819						32,819
Grand Total Procurement, Marine Corps, 2022/2024		3,043,091				50,679		3,093,770
Financing								
APPROPRIATION, P.L. 117-103 (Base)		3,043,091				50,679		3,093,770
TOTAL FINANCING - FY 2022 PROGRAM		3,043,091				50,679		3,093,770
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Basic Research								
01 0601103N University Research Initiatives		117,448				57,450		174,898
FY 2022 Appropriated Base		117,448				57,450		174,898
1 / Program increase - university research initiatives						10,000		
1 / Program increase - defense university research instrumentation program						35,000		
1 / Project increase - coastal adaption research for improved coastal community and NWS Earle military installation resilience						450		
1 / Program increase - biocoherent energy transfer research						4,000		
1 / Program increase - Navy aircraft fleet readiness and sustainment						8,000		
01 0601153N Defense Research Sciences		484,421				38,903		523,324
FY 2022 Appropriated Base		484,421				38,903		523,324
1 / Program increase - silicon-germanium-tin alloy research						5,000		
1 / Program increase - bio-inspired engineering and design for naval applications						3,000		
1 / Program increase - generally-capable robotics for naval operations						4,000		
1 / Program increase - multifunctional structural batteries						2,000		
1 / Program increase - basic research						25,000		
FFRDC Reductions (Sec. 8027)						-97		
Subtotal Budget Activity 01: Basic Research		601,869				96,353		698,222

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Applied Research								
02 0602114N								
Power Projection Applied Research		23,013				20,000		43,013
FY 2022 Appropriated Base		23,013				20,000		43,013
1 / Program increase - manufacturing of high temperature hypersonic materials						8,000		
1 / Program increase - miniaturization of lasers						4,000		
1 / Program increase - multi-mission UAV-borne electronic attack						8,000		
02 0602123N								
Force Protection Applied Research		122,888				99,500		222,388
FY 2022 Appropriated Base		122,888				99,500		222,388
1 / Program increase - direct air capture and blue carbon removal technology						10,000		
1 / Program increase - talent and technology for Navy power and energy systems						10,500		
1 / Program increase - advanced energetics research						3,000		
1 / Program increase - coastal environmental research						5,000		
1 / Program increase - relative positioning of autonomous platforms						3,000		
1 / Program increase - additive manufacturing of unmanned maritime systems						6,000		
1 / Program increase - bonded metal matrix composite repair						5,000		
1 / Program increase - energy resilience						7,000		
1 / Program increase - Navy alternative energy research						27,500		
1 / Program increase - resilient innovative sustainable economies via university partnerships						7,500		
1 / Program increase - titanium metal and wire domestic production demonstration						15,000		
02 0602131M								
Marine Corps Landing Force Technology		51,112				13,000		64,112
FY 2022 Appropriated Base		51,112				13,000		64,112
1 / Program increase - unmanned logistics solutions						7,500		
1 / Program increase - 5G biometric installation access control demonstration						4,000		
1 / Program increase - Marine Corps asset life-cycle management						1,500		
02 0602235N								
Common Picture Applied Research		51,477						51,477
FY 2022 Appropriated Base		51,477						51,477

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	0602236N	Warfighter Sustainment Applied Research		70,547				47,191		117,738
		FY 2022 Appropriated Base		70,547				47,191		117,738
	1 /	Program increase - health and safety research of underground fuel storage facilities						5,000		
	1 /	Program increase - advanced nanocomposites coatings						6,000		
	1 /	Program increase - anticorrosion nanotechnology						7,500		
	1 /	Program increase - development of chromate-free corrosion inhibitor coatings for marine applications						1,750		
	1 /	Program increase - engineered systems to preserve and restore hearing						5,000		
	1 /	Program increase - human digital twin						3,000		
	1 /	Program increase - hypersonics materials acceleration						5,000		
	1 /	Program increase - polymer coatings for reduced ice and fouling adhesion						5,000		
	1 /	Program increase - high mobility ground robots to assist dismounted infantry in urban operations						5,000		
	1 /	Program increase - physics based neutralization of threats to human tissues and organs						5,000		
	2 /	Biocentric technologies previously funded						-1,059		
02	0602271N	Electromagnetic Systems Applied Research		85,157				5,884		91,041
		FY 2022 Appropriated Base		85,157				5,884		91,041
	1 /	Program increase - dark swarm in degraded environments						6,000		
		FFRDC Reductions (Sec. 8027)						-116		
02	0602435N	Ocean Warfighting Environment Applied Research		70,086				33,500		103,586
		FY 2022 Appropriated Base		70,086				33,500		103,586
	1 /	Program increase - task force ocean						10,000		
	1 /	Program increase - climate change hydraulic modeling risk analysis						1,500		
	1 /	Program increase - continuous distributed sensing systems						5,000		
	1 /	Program increase - research vessel cyber infrastructure improvements						4,000		
	1 /	Program increase - ocean acoustics						8,000		
	1 /	Program increase - operational demonstrations of commercially available long endurance USV						5,000		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h Amount i
02	0602651M	Joint Non-Lethal Weapons Applied Research						
			6,405					6,405
			FY 2022 Appropriated Base					6,405
02	0602747N	Undersea Warfare Applied Research					50,250	107,734
			57,484				50,250	107,734
			FY 2022 Appropriated Base				50,250	107,734
	1 /	Program increase - academic partnerships for innovative submarine and undersea vehicle research					25,000	
	1 /	Program increase - energetics global awareness					2,000	
	1 /	Program increase - undersea sensing and communications					4,000	
	1 /	Program increase - bomb technicians training innovations					2,250	
	1 /	Program increase - persistent maritime surveillance					10,000	
	1 /	Program increase - resident autonomous undersea robotics					7,000	
02	0602750N	Future Naval Capabilities Applied Research					24,877	198,233
			173,356				24,877	198,233
			FY 2022 Appropriated Base				24,877	198,233
	1 /	Program increase - improved detection of submarine threats					5,000	
	1 /	Program increase - long endurance, autonomous, mobile acoustic detection systems					22,000	
	2 /	Ocean battlespace sensing early prototyping					-2,123	
02	0602782N	Mine and Expeditionary Warfare Applied Research					10,000	42,160
			32,160				10,000	42,160
			FY 2022 Appropriated Base				10,000	42,160
	1 /	Program increase - human fusions tech for EOD robot applications					10,000	
02	0602792N	Innovative Naval Prototypes (INP) Applied Research					3,000	155,976
			152,976				3,000	155,976
			FY 2022 Appropriated Base				3,000	155,976
	1 /	Program increase - accelerate proliferated LEO narrowband capability					3,000	
02	0602861N	Science and Technology Management - ONR Field Activities						79,254
			79,254					79,254
			FY 2022 Appropriated Base					79,254
Subtotal Budget Activity 02: Applied Research			975,915				307,202	1,283,117

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Advanced Technology Development								
03 0603123N Force Protection Advanced Technology		21,661				14,500		36,161
FY 2022 Appropriated Base		21,661				14,500		36,161
1 / Program increase - power electronics building block						6,000		
1 / Program increase - carbon nanotube energy storage flywheel						4,000		
1 / Program increase - laser peening of jet engines						4,500		
03 0603271N Electromagnetic Systems Advanced Technology		8,146				4,000		12,146
FY 2022 Appropriated Base		8,146				4,000		12,146
1 / Program increase - advanced machine learning and artificial intelligence						4,000		
03 0603640M USMC Advanced Technology Demonstration (ATD)		224,155				67,028		291,183
FY 2022 Appropriated Base		224,155				67,028		291,183
1 / Program increase - expeditionary process, exploitation and dissemination						4,000		
1 / Program increase - advanced mission planning system SBIR technology insertion						5,000		
1 / Program increase - data analysis and sharing augmentation						2,000		
1 / Program increase - low-cost attritable aircraft technology						25,000		
1 / Program increase - adaptive future force						8,000		
1 / Program increase - AI-powered tactical ISR						5,100		
1 / Program increase - expeditionary mission support						10,000		
1 / Program increase - platform agnostic weapons system						5,000		
1 / Program increase - stand-off security inspection and surveillance system						9,000		
2 / Command, control, communications, computers failure to comply with congressional direction						-3,859		
2 / Force protection previously funded						-1,605		
FFRDC Reductions (Sec. 8027)						-608		
03 0603651M Joint Non-Lethal Weapons Technology Development		13,429						13,429
FY 2022 Appropriated Base		13,429						13,429

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603673N	Future Naval Capabilities Advanced Technology Development			265,299		16,721		282,020
		FY 2022 Appropriated Base			265,299		16,721		282,020
	1 /	Program increase - advanced energetics research					3,000		
	1 /	Program increase - advanced lidar sensor and data processing					2,000		
	1 /	Program increase - electronic maneuver warfare unmanned sensors					14,000		
	1 /	Program increase - advanced machine learning and artificial intelligence					9,000		
	2 /	Information warfare excess growth					-4,594		
	2 /	Surface warfare excess growth					-3,114		
	2 /	Undersea warfare excess growth					-3,354		
		FFRDC Reductions (Sec. 8027)					-217		
03	0603680N	Manufacturing Technology Program			57,236		20,000		77,236
		FY 2022 Appropriated Base			57,236		20,000		77,236
	1 /	Program increase - energetics processing					5,000		
	1 /	Program increase - chemical reactor and crystallizer technology					15,000		
03	0603729N	Warfighter Protection Advanced Technology			4,935		35,500		40,435
		FY 2022 Appropriated Base			4,935		35,500		40,435
	1 /	Program increase - bone marrow registry program					26,500		
	1 /	Program increase - warfighter resilience and readiness					4,000		
	1 /	Program increase - dynamic modular manufacturing					5,000		
03	0603758N	Navy Warfighting Experiments and Demonstrations			47,167		13,000		60,167
		FY 2022 Appropriated Base			47,167		13,000		60,167
	1 /	Program increase - naval tech bridges					5,000		
	1 /	Program increase - ONR Scout					8,000		
03	0603782N	Mine and Expeditionary Warfare Advanced Technology			1,981				1,981
		FY 2022 Appropriated Base			1,981				1,981

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603801N	Innovative Naval Prototypes (INP) Advanced Technology Development	133,779				27,665		161,444
		FY 2022 Appropriated Base	133,779				27,665		161,444
	1 /	Program increase - high speed laser cooling systems					6,000		
	1 /	Program increase - energetics renaissance					10,000		
	1 /	Program increase - advanced ATRT SBIR enterprise capabilities					16,300		
	2 /	Manufacture of autonomous systems at scale concurrency					-2,491		
	2 /	Deployment and employment of autonomous long-range systems concurrency					-3,986		
	2 /	Manned and autonomous teams concurrency					-2,989		
	6 /	Realigned from BA 04 PE 0304240M Advanced Tactical Unmanned Aircraft System for proper execution.					5,000		
		FFRDC Reductions (Sec. 8027)					-169		
Subtotal Budget Activity 03: Advanced Technology Development			777,788				198,414		976,202
Budget Activity 04: Advanced Component Development & Prototypes									
04	0603128N	Unmanned Aerial System	16,879				-712		16,167
		FY 2022 Appropriated Base	16,879				-712		16,167
	2 /	Test funds early to need					-712		
04	0603178N	Medium and Large Unmanned Surface Vehicles (USVs)	144,846				-42,353		102,493
		FY 2022 Appropriated Base	144,846				-42,353		102,493
	2 /	LUSV integrated combat system early to need					-42,000		
		FFRDC Reductions (Sec. 8027)					-353		
04	0603207N	Air/Ocean Tactical Applications	27,849						27,849
		FY 2022 Appropriated Base	27,849						27,849
04	0603216N	Aviation Survivability	16,815				8,000		24,815
		FY 2022 Appropriated Base	16,815				8,000		24,815
	1 /	Program increase - context-based augmented reality identification framework					8,000		
04	0603239N	Naval Construction Forces	5,290						5,290
		FY 2022 Appropriated Base	5,290						5,290

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0603254N	ASW Systems Development		17,612				2,986		20,598
		FY 2022 Appropriated Base		17,612				2,986		20,598
	1 /	Program increase - innovative AWS technologies						3,000		
		FFRDC Reductions (Sec. 8027)						-14		
04	0603261N	Tactical Airborne Reconnaissance		3,111						3,111
		FY 2022 Appropriated Base		3,111						3,111
04	0603382N	Advanced Combat Systems Technology		32,310				3,000		35,310
		FY 2022 Appropriated Base		32,310				3,000		35,310
	1 /	Program increase - Minotaur data dissemination and interoperability						3,000		
04	0603502N	Surface and Shallow Water Mine Countermeasures		58,013				-4,686		53,327
		FY 2022 Appropriated Base		58,013				-4,686		53,327
	2 /	Barracuda schedule delays						-4,622		
		FFRDC Reductions (Sec. 8027)						-64		
04	0603506N	Surface Ship Torpedo Defense		1,862				7,000		8,862
		FY 2022 Appropriated Base		1,862				7,000		8,862
	1 /	Program increase - SLQ-25 capability improvements						3,000		
	1 /	Program increase - surface ship torpedo defense towed decoys						4,000		
04	0603512N	Carrier Systems Development		7,182						7,182
		FY 2022 Appropriated Base		7,182						7,182
04	0603525N	PILOT FISH		408,087				-2,170		405,917
		FY 2022 Appropriated Base		408,087				-2,170		405,917
		FFRDC Reductions (Sec. 8027)						-2,170		
04	0603527N	RETRACT LARCH		44,197				-121		44,076
		FY 2022 Appropriated Base		44,197				-121		44,076
		FFRDC Reductions (Sec. 8027)						-121		
04	0603536N	RETRACT JUNIPER		144,541				-192		144,349
		FY 2022 Appropriated Base		144,541				-192		144,349
		FFRDC Reductions (Sec. 8027)						-192		
04	0603542N	Radiological Control		761						761
		FY 2022 Appropriated Base		761						761
04	0603553N	Surface ASW		1,144						1,144
		FY 2022 Appropriated Base		1,144						1,144

Base for Reprogramming Actions										
(Dollars in Thousands)										
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0603561N	Advanced Submarine System Development		99,782				-861		98,921
		FY 2022 Appropriated Base		99,782				-861		98,921
		FFRDC Reductions (Sec. 8027)						-861		
04	0603562N	Submarine Tactical Warfare Systems		14,059						14,059
		FY 2022 Appropriated Base		14,059						14,059
04	0603563N	Ship Concept Advanced Design		111,590				24,484		136,074
		FY 2022 Appropriated Base		111,590				24,484		136,074
	1	/ Program increase - metallic additive manufacturing						5,000		
	1	/ Program increase - critical protection technology for cybersecurity engineering						7,000		
	1	/ Program increase - polymorphic build farm for open source technologies						10,000		
	2	/ Project 3376 sealift concept development previously funded						-402		
	2	/ Next generation medium logistics ship industry studies and design contract award delay						-1,000		
	2	/ Next generation medium logistics ship special studies excess to need						-2,500		
	2	/ Project 4045 prior year execution baseline adjustment						-3,070		
	7	/ Realigned from BA 07 PE 0702207N Depot Maintenance (NON-IF) for proper execution. Program increase – high pressure cold spray.						10,000		
		FFRDC Reductions (Sec. 8027)						-544		
04	0603564N	Ship Preliminary Design & Feasibility Studies		106,957				-66,183		40,774
		FY 2022 Appropriated Base		106,957				-66,183		40,774
	1	/ Program increase - preliminary ship design of next-gen hospital ship						5,000		
	2	/ Project 0411 design and analysis and program management growth early to need						-71,170		
		FFRDC Reductions (Sec. 8027)						-13		
04	0603570N	Advanced Nuclear Power Systems		203,572						203,572
		FY 2022 Appropriated Base		203,572						203,572

Base for Reprogramming Actions										
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0603573N	Advanced Surface Machinery Systems		78,122				-1,200		76,922
		FY 2022 Appropriated Base		78,122				-1,200		76,922
	1	/ Program increase - silicon carbide power modules						10,000		
	1	/ Program increase - solid state circuit breaker development						2,000		
	2	/ Project 2471 power and energy systems product development prior year carryover						-500		
	2	/ Project 2471 DDG(X) power and propulsion risk mitigation and demonstration excess to need						-12,700		
04	0603576N	CHALK EAGLE		80,270				-473		79,797
		FY 2022 Appropriated Base		80,270				-473		79,797
		FFRDC Reductions (Sec. 8027)						-473		
04	0603581N	Littoral Combat Ship (LCS)		84,924				-2,406		82,518
		FY 2022 Appropriated Base		84,924				-2,406		82,518
	2	/ Historical underexecution						-2,406		
04	0603582N	Combat System Integration		17,322						17,322
		FY 2022 Appropriated Base		17,322						17,322
04	0603595N	Ohio Replacement		296,231				15,000		311,231
		FY 2022 Appropriated Base		296,231				15,000		311,231
	1	/ Program increase - Columbia digital environment						5,000		
	1	/ Program increase - rapid composites for wet submarine application						10,000		
04	0603596N	LCS Mission Modules		75,995						75,995
		FY 2022 Appropriated Base		75,995						75,995
04	0603597N	Automated Test and Re-Test (ATRT)		7,805				30,000		37,805
		FY 2022 Appropriated Base		7,805				30,000		37,805
	1	/ Program increase						30,000		
04	0603599N	Frigate Development		109,459				-9,256		100,203
		FY 2022 Appropriated Base		109,459				-9,256		100,203
	2	/ Test and evaluation delays						-4,256		
	2	/ FORGE software factory acquisition strategy						-5,000		
04	0603609N	Conventional Munitions		7,296						7,296
		FY 2022 Appropriated Base		7,296						7,296
04	0603635M	Marine Corps Ground Combat/Support System		77,065				-10,500		66,565
		FY 2022 Appropriated Base		77,065				-10,500		66,565
	2	/ Armored reconnaissance vehicle GFE excess to need						-4,400		
	2	/ ARV change to Marine Corps acquisition strategy						-6,100		

Base for Reprogramming Actions										
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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04	0603654N	Joint Service Explosive Ordnance Development		34,785						34,785
		FY 2022 Appropriated Base		34,785						34,785
04	0603713N	Ocean Engineering Technology Development		8,774						8,774
		FY 2022 Appropriated Base		8,774						8,774
04	0603721N	Environmental Protection		20,677						20,677
		FY 2022 Appropriated Base		20,677						20,677
04	0603724N	Navy Energy Program		33,824				33,000		66,824
		FY 2022 Appropriated Base		33,824				33,000		66,824
	1 /	Program increase - Navy energy program						15,000		
	1 /	Program increase - marine energy systems for sensors and microgrids						10,500		
	2 /	Battery development and safety unjustified request						-1,500		
	5 /	Realign from BA 06 PE 0604759N Major T&E Equipment for proper execution						9,000		
04	0603725N	Facilities Improvement		6,327						6,327
		FY 2022 Appropriated Base		6,327						6,327
04	0603734N	CHALK CORAL		579,389						579,389
		FY 2022 Appropriated Base		579,389						579,389
04	0603739N	Navy Logistic Productivity		669						669
		FY 2022 Appropriated Base		669						669
04	0603746N	RETRACT MAPLE		295,295						295,295
		FY 2022 Appropriated Base		295,295						295,295
04	0603748N	LINK PLUMERIA		692,280				-28,500		663,780
		FY 2022 Appropriated Base		692,280				-28,500		663,780
	2 /	Classified adjustment						-28,500		
04	0603751N	RETRACT ELM		83,904				-1,663		82,241
		FY 2022 Appropriated Base		83,904				-1,663		82,241
		FFRDC Reductions (Sec. 8027)						-1,663		
04	0603764M	LINK EVERGREEN		221,253				43,141		264,394
		FY 2022 Appropriated Base		221,253				43,141		264,394
	1 /	Classified adjustment						43,200		
		FFRDC Reductions (Sec. 8027)						-59		
04	0603790N	NATO Research and Development		5,805						5,805
		FY 2022 Appropriated Base		5,805						5,805
04	0603795N	Land Attack Technology		4,017						4,017
		FY 2022 Appropriated Base		4,017						4,017
04	0603851M	Joint Non-Lethal Weapons Testing		29,589				-1,421		28,168
		FY 2022 Appropriated Base		29,589				-1,421		28,168
	2 /	Vessel stopping prototype schedule delays						-1,421		

Base for Reprogramming Actions									
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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04 0603860N	Joint Precision Approach and Landing Systems - Dem/Val		24,450				-1,500		22,950
	FY 2022 Appropriated Base		24,450				-1,500		22,950
2 /	LANTERNS concurrency						-1,500		
04 0603925N	Directed Energy and Electric Weapon Systems		81,803						81,803
	FY 2022 Appropriated Base		81,803						81,803
04 0604014N	F/A -18 Infrared Search and Track (IRST)		48,793						48,793
	FY 2022 Appropriated Base		48,793						48,793
04 0604027N	Digital Warfare Office		46,769						46,769
	FY 2022 Appropriated Base		46,769						46,769
04 0604028N	Small and Medium Unmanned Undersea Vehicles		84,676				-4,729		79,947
	FY 2022 Appropriated Base		84,676				-4,729		79,947
2 /	Project 2482 lionfish test assets excess to need						-4,729		
04 0604029N	Unmanned Undersea Vehicle Core Technologies		59,299				5,561		64,860
	FY 2022 Appropriated Base		59,299				5,561		64,860
1 /	Program increase - clandestine mine neutralization technologies						10,000		
2 /	Project 3393 RAIL software factory acquisition strategy						-3,162		
	FFRDC Reductions (Sec. 8027)						-1,277		
04 0604031N	Large Unmanned Undersea Vehicles		88,063				-22,391		65,672
	FY 2022 Appropriated Base		88,063				-22,391		65,672
2 /	Phase 2 contract award delay						-21,412		
	FFRDC Reductions (Sec. 8027)						-979		
04 0604112N	Gerald R. Ford Class Nuclear Aircraft Carrier (CVN 78 - 80)		121,509						121,509
	FY 2022 Appropriated Base		121,509						121,509
04 0604126N	Littoral Airborne MCM		18,669						18,669
	FY 2022 Appropriated Base		18,669						18,669
	Project 2131 transfer COBRA Block II to Block I upgrades only						-7,626		
	Project 2131 transfer from COBRA Block II to Block 1 upgrades only						7,626		
04 0604127N	Surface Mine Countermeasures		13,655				-1,148		12,507
	FY 2022 Appropriated Base		13,655				-1,148		12,507
2 /	Project 1235 product development previously funded						-1,148		
04 0604272N	Tactical Air Directional Infrared Countermeasures (TADIRCM)		33,246						33,246
	FY 2022 Appropriated Base		33,246						33,246

Base for Reprogramming Actions									
(Dollars in Thousands)									
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0604289M	Next Generation Logistics							
			1,071				7,000		8,071
			1,071				7,000		8,071
	1 /	Program increase - hydrogen fuel cell technology					2,000		
	1 /	Program increase - predictive maintenance for Navy and Marine Corps weapons systems					5,000		
04	0604292N	Future Vertical Lift (Maritime Strike)							
			9,825				-1,551		8,274
			9,825				-1,551		8,274
	2 /	Contract award delay					-1,551		
04	0604320M	Rapid Technology Capability Prototype							
			6,555				5,000		11,555
			6,555				5,000		11,555
	1 /	Program increase - rapid technology capability prototyping					5,000		
04	0604454N	LX (R)							
			3,344						3,344
			3,344						3,344
04	0604536N	Advanced Undersea Prototyping							
			58,473				-26,864		31,609
			58,473				-26,864		31,609
	2 /	Test and evaluation excess to need					-10,707		
	2 /	ORCA payload capacity increase					-8,908		
	2 /	Development and testing of universal payload module					-7,190		
		FFRDC Reductions (Sec. 8027)					-59		
04	0604636N	Counter Unmanned Aircraft Systems (C-UAS)							
			5,529						5,529
			5,529						5,529
04	0604659N	Precision Strike Weapons Development Program							
			97,944				-8,431		89,513
			97,944				-8,431		89,513
	1 /	Program increase - neutron radiography techniques for energetic devices					6,000		
	2 /	Miniature air launched decoy delays					-12,250		
	2 /	Advanced aerial refueling system test and evaluation early to need					-1,000		
	4 /	Realigned to BA 04 PE 0605518N Conventional Prompt Strike to correct a conference discrepancy.					-1,181		
04	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support							
			9,340						9,340
			9,340						9,340
04	0604786N	Offensive Anti-Surface Warfare Weapon Development							
			127,756				-56,964		70,792
			127,756				-56,964		70,792
	2 /	Project 3343 lack of program justification					-56,964		

Base for Reprogramming Actions								
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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04 0605512N MEDIUM UNMANNED SURFACE VEHICLES (MUSVs))		60,028				-8		60,020
FY 2022 Appropriated Base		60,028				-8		60,020
FFRDC Reductions (Sec. 8027)						-8		
04 0605513N Unmanned Surface Vehicle Enabling Capabilities		170,838				-51,278		119,560
FY 2022 Appropriated Base		170,838				-51,278		119,560
2 / USV machinery qualification unjustified request						-25,000		
2 / Unmanned communications excess growth						-15,200		
2 / Elevated sensors excess growth						-5,500		
2 / RAIL software factory acquisition strategy						-5,000		
FFRDC Reductions (Sec. 8027)						-578		
04 0605514M GROUND BASED ANTI-SHIP MISSILE (MARFORRES)		102,716						102,716
FY 2022 Appropriated Base		102,716						102,716
04 0605516M LONG RANGE FIRES (MARFORRES)		88,479						88,479
FY 2022 Appropriated Base		88,479						88,479
04 0605518N CONVENTIONAL PROMPT STRIKE (CPS)		1,372,340				-47,108		1,325,232
FY 2022 Appropriated Base		1,372,340				-47,108		1,325,232
1 / Program increase - cross-service hypersonic testing capabilities through advanced concepts technology evaluation						5,000		
2 / Virginia class submarine integration early to need						-31,050		
2 / Industrial base capacity expansion funding early to need						-22,239		
4 / Realigned from BA 04 PE 0604659N Precision Strike Weapons Development Program to correct conference discrepancy.						1,181		
04 0303354N ASW Systems Development - MIP		8,571				-35		8,536
FY 2022 Appropriated Base		8,571				-35		8,536
FFRDC Reductions (Sec. 8027)						-35		

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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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04	0304240M	Advanced Tactical Unmanned Aircraft System		16,204				15,000		31,204
		FY 2022 Appropriated Base		16,204				15,000		31,204
	1 /	Program increase - K-max unmanned logistics system						7,000		
	1 /	Program increase - mobile unmanned/manned distributed lethality airborne network joint capability technology demonstration						5,000		
	1 /	Program increase - group 3 advanced autonomous systems						5,000		
	1 /	Program increase - MQ-9 multi-mode radar pod						5,000		
	2 /	MUX studies, analysis, and concept refinement unjustified growth						-2,000		
	6 /	Realigned to BA 03 PE 0603801N 'Innovative Naval Prototypes (INP) Advanced Technology Development' for proper execution.						-5,000		
04	0304270N	Electronic Warfare Development - MIP		506						506
		FY 2022 Appropriated Base		506						506
Subtotal Budget Activity 04: Advanced Component Development & Prototypes				7,077,987				-195,532		6,882,455
Budget Activity 05: System Development & Demonstration										
05	0603208N	Training System Aircraft		5,864						5,864
		FY 2022 Appropriated Base		5,864						5,864
05	0604212N	Other Helo Development		56,444				-7,132		49,312
		FY 2022 Appropriated Base		56,444				-7,132		49,312
	2 /	Attack and utility replacement aircraft excess studies and analysis						-7,132		
05	0604214M	AV-8B Aircraft - Eng Dev		10,146						10,146
		FY 2022 Appropriated Base		10,146						10,146
05	0604215N	Standards Development		4,082						4,082
		FY 2022 Appropriated Base		4,082						4,082
05	0604216N	Multi-Mission Helicopter Upgrade Development		46,418				8,000		54,418
		FY 2022 Appropriated Base		46,418				8,000		54,418
	1 /	Program increase - MH-60 capability upgrades						8,000		
05	0604221N	P-3 Modernization Program		579						579
		FY 2022 Appropriated Base		579						579
05	0604230N	Warfare Support System		10,167				3,000		13,167
		FY 2022 Appropriated Base		10,167				3,000		13,167
	1 /	Program increase - operational deployment of diesel-fueled outboard marine motors						3,000		

Base for Reprogramming Actions										
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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05	0604231N	Command and Control Systems		122,913						122,913
		FY 2022 Appropriated Base		122,913						122,913
05	0604234N	Advanced Hawkeye		386,860				-38,500		348,360
		FY 2022 Appropriated Base		386,860				-38,500		348,360
	1 /	Program increase - radar modernization and testing						20,000		
	2 /	DSCC6 excess growth						-40,000		
	2 /	Non-DSSC efforts unjustified growth except test asset viability						-18,500		
05	0604245M	H-1 Upgrades		50,158						50,158
		FY 2022 Appropriated Base		50,158						50,158
05	0604261N	Acoustic Search Sensors		46,066				2,991		49,057
		FY 2022 Appropriated Base		46,066				2,991		49,057
	1 /	Program increase - sonobuoy capabilities research						5,000		
	2 /	Studies and analysis delays						-2,009		
05	0604262N	V-22A		107,984				-2,255		105,729
		FY 2022 Appropriated Base		107,984				-2,255		105,729
	1 /	Program increase - V-22 oil coolers						4,250		
	2 /	Project 3090 flight control system redesign contract award delay						-6,505		
05	0604264N	Air Crew Systems Development		22,746				-2,000		20,746
		FY 2022 Appropriated Base		22,746				-2,000		20,746
	2 /	Enhanced visual acuity schedule delays						-2,000		
05	0604269N	EA-18		68,425				-8,751		59,674
		FY 2022 Appropriated Base		68,425				-8,751		59,674
	2 /	Historical underexecution						-8,751		
05	0604270N	Electronic Warfare Development		139,535				-2,942		136,593
		FY 2022 Appropriated Base		139,535				-2,942		136,593
	2 /	Dual band decoy previously funded						-2,942		
05	0604273M	Executive Helo Development		45,932				-4,085		41,847
		FY 2022 Appropriated Base		45,932				-4,085		41,847
	2 /	VH-92A improvements test and evaluation delay						-4,085		
05	0604274N	Next Generation Jammer (NGJ)		243,923				-8,516		235,407
		FY 2022 Appropriated Base		243,923				-8,516		235,407
	2 /	Test and evaluation delays						-8,516		
05	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy)		234,434						234,434
		FY 2022 Appropriated Base		234,434						234,434

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0604282N	Next Generation Jammer (NGJ) Increment II	248,096				-101,500		146,596
		FY 2022 Appropriated Base	248,096				-101,500		146,596
	2 /	Program delay					-101,500		
05	0604307N	Surface Combatant Combat System Engineering	371,575				-39,755		331,820
		FY 2022 Appropriated Base	371,575				-39,755		331,820
	2 /	Aegis capability build 2023 previously funded					-1,764		
	2 /	Baseline program adjustment					-23,711		
	2 /	FORGE software factory acquisition strategy					-14,280		
05	0604311N	LPD-17 Class Systems Integration	904						904
		FY 2022 Appropriated Base	904						904
05	0604329N	Small Diameter Bomb (SDB)	46,769				-5,917		40,852
		FY 2022 Appropriated Base	46,769				-5,917		40,852
	2 /	BRU-61 contract delay					-5,917		
05	0604366N	Standard Missile Improvements	343,511						343,511
		FY 2022 Appropriated Base	343,511						343,511
05	0604373N	Airborne MCM	10,881						10,881
		FY 2022 Appropriated Base	10,881						10,881
05	0604378N	Naval Integrated Fire Control - Counter Air Systems Engineering	46,121				4,112		50,233
		FY 2022 Appropriated Base	46,121				4,112		50,233
	1 /	Program increase - stratospheric balloons					6,500		
	2 /	Historical underexecution					-2,388		
05	0604501N	Advanced Above Water Sensors	77,852				-15,824		62,028
		FY 2022 Appropriated Base	77,852				-15,824		62,028
	2 /	Shipboard passive electro-optical infrared development excess growth					-15,667		
		FFRDC Reductions (Sec. 8027)					-157		
05	0604503N	SSN-688 and Trident Modernization	95,693						95,693
		FY 2022 Appropriated Base	95,693						95,693
05	0604504N	Air Control	27,499						27,499
		FY 2022 Appropriated Base	27,499						27,499
05	0604512N	Shipboard Aviation Systems	8,924						8,924
		FY 2022 Appropriated Base	8,924						8,924
05	0604518N	Combat Information Center Conversion	11,631						11,631
		FY 2022 Appropriated Base	11,631						11,631
05	0604522N	Air and Missile Defense Radar (AMDR) System	96,556				-9,192		87,364
		FY 2022 Appropriated Base	96,556				-9,192		87,364
	2 /	Engineering changes/capability enhancements and backfit delays					-9,036		
		FFRDC Reductions (Sec. 8027)					-156		

Base for Reprogramming Actions									
(Dollars in Thousands)									
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0604530N								
	Advanced Arresting Gear (AAG)		147						147
	FY 2022 Appropriated Base		147						147
05	0604558N								
	New Design SSN		503,252				-16,314		486,938
	FY 2022 Appropriated Base		503,252				-16,314		486,938
	2 / Payload NRE excess to need						-16,314		
05	0604562N								
	Submarine Tactical Warfare System		62,115						62,115
	FY 2022 Appropriated Base		62,115						62,115
05	0604567N								
	Ship Contract Design/ Live Fire T&E		54,829						54,829
	FY 2022 Appropriated Base		54,829						54,829
05	0604574N								
	Navy Tactical Computer Resources		4,290						4,290
	FY 2022 Appropriated Base		4,290						4,290
05	0604601N								
	Mine Development		76,027				-38,269		37,758
	FY 2022 Appropriated Base		76,027				-38,269		37,758
	2 / Encapsulated effector contract delays						-19,363		
	2 / Project 0267 - Quickstrike-ER contract award delays						-18,720		
	FFRDC Reductions (Sec. 8027)						-186		
05	0604610N								
	Lightweight Torpedo Development		94,386						94,386
	FY 2022 Appropriated Base		94,386						94,386
05	0604654N								
	Joint Service Explosive Ordnance Development		8,348						8,348
	FY 2022 Appropriated Base		8,348						8,348
05	0604657M								
	USMC Ground Combat/Supporting Arms Systems - Eng Dev		42,144						42,144
	FY 2022 Appropriated Base		42,144						42,144
05	0604703N								
	Personnel, Training, Simulation, and Human Factors		7,375						7,375
	FY 2022 Appropriated Base		7,375						7,375
05	0604755N								
	Ship Self Defense (Detect & Control)		149,433				-6,838		142,595
	FY 2022 Appropriated Base		149,433				-6,838		142,595
	2 / Historical underexecution						-1,838		
	2 / FORGE software factory acquisition strategy						-5,000		
05	0604756N								
	Ship Self Defense (Engage: Hard Kill)		87,862				19,565		107,427
	FY 2022 Appropriated Base		87,862				19,565		107,427
	1 / Program increase - ALaMO block 1 projectile						23,000		
	2 / Project 0173 MK9 CWTI replacement delay						-3,374		
	FFRDC Reductions (Sec. 8027)						-61		
05	0604757N								
	Ship Self Defense (Engage: Soft Kill/EW)		69,006				-3,699		65,307
	FY 2022 Appropriated Base		69,006				-3,699		65,307
	2 / Project 3068 concurrency						-3,546		
	FFRDC Reductions (Sec. 8027)						-153		

Base for Reprogramming Actions										
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Appropriation Account Title:						Fiscal Year Program:				
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						2022				
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0604761N	Intelligence Engineering		20,684						20,684
		FY 2022 Appropriated Base		20,684						20,684
05	0604771N	Medical Development		3,967				27,500		31,467
		FY 2022 Appropriated Base		3,967				27,500		31,467
	1 /	Program increase - autonomous aerial technology for distributed logistics						7,500		
	1 /	Program increase - wound care research						10,000		
	1 /	Program increase - military dental research						10,000		
05	0604777N	Navigation/ID System		48,837				1,200		50,037
		FY 2022 Appropriated Base		48,837				1,200		50,037
	1 /	Program increase - Navy micro interrogator						1,200		
05	0604800M	Joint Strike Fighter (JSF) - EMD		577						577
		FY 2022 Appropriated Base		577						577
05	0604800N	Joint Strike Fighter (JSF) - EMD		262						262
		FY 2022 Appropriated Base		262						262
05	0604850N	SSN(X)		29,829				-281		29,548
		FY 2022 Appropriated Base		29,829				-281		29,548
		FFRDC Reductions (Sec. 8027)						-281		
05	0605013M	Information Technology Development		11,277						11,277
		FY 2022 Appropriated Base		11,277						11,277
05	0605013N	Information Technology Development		243,828				27,257		271,085
		FY 2022 Appropriated Base		243,828				27,257		271,085
	1 /	Program increase - aviation innovative cyber solutions						9,000		
	1 /	Program increase - cyber solutions in classified environments						6,000		
	1 /	Program increase - warfare mission analysis in cyber contested environment						5,000		
	1 /	Program increase - product lifecycle management for naval aviation						2,000		
	1 /	Program increase - actionable analytics for reliable maintenance						4,000		
	1 /	Program increase - advanced shipyard technologies						6,000		
	2 /	Navy shore manpower requirements determination unjustified request						-2,958		
	2 /	Electronic procurement system delays						-3,936		
		Transfer from line 255						2,151		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05 0605024N Anti-Tamper Technology Support		8,426						8,426
FY 2022 Appropriated Base		8,426						8,426
05 0605180N TACAMO Modernization		150,592				-100,000		50,592
FY 2022 Appropriated Base		150,592				-100,000		50,592
2 / Air vehicle lack of full funding						-60,100		
2 / New start delays						-39,900		
05 0605212M CH-53K RDTE		256,903						256,903
FY 2022 Appropriated Base		256,903						256,903
05 0605215N Mission Planning		88,128						88,128
FY 2022 Appropriated Base		88,128						88,128
05 0605217N Common Avionics		60,117						60,117
FY 2022 Appropriated Base		60,117						60,117
05 0605220N Ship to Shore Connector (SSC)		6,320						6,320
FY 2022 Appropriated Base		6,320						6,320
05 0605327N T-AO 205 Class		4,336						4,336
FY 2022 Appropriated Base		4,336						4,336
05 0605414N Unmanned Carrier Aviation (UCA)		268,937				-6,945		261,992
FY 2022 Appropriated Base		268,937				-6,945		261,992
2 / ESA excess to need						-4,695		
2 / Training development early to need						-2,250		
05 0605450M Joint Air-to-Ground Missile (JAGM)		356						356
FY 2022 Appropriated Base		356						356
05 0605500N Multi-mission Maritime Aircraft (MMA)		27,279						27,279
FY 2022 Appropriated Base		27,279						27,279
05 0605504N Multi-Mission Maritime (MMA) Increment III		173,784				-10,900		162,884
FY 2022 Appropriated Base		173,784				-10,900		162,884
2 / ECP 6 unjustified growth						-10,900		
05 0605611M Marine Corps Assault Vehicles System Development & Demonstration		80,709				-7,000		73,709
FY 2022 Appropriated Base		80,709				-7,000		73,709
2 / System design and development excess growth						-7,000		
05 0605813M Joint Light Tactical Vehicle (JLTV) System Development & Demonstration		2,005						2,005
FY 2022 Appropriated Base		2,005						2,005
05 0204202N DDG-1000		112,576						112,576
FY 2022 Appropriated Base		112,576						112,576
05 0304785N ISR & Info Operations		136,140				-6		136,134
FY 2022 Appropriated Base		136,140				-6		136,134
FFRDC Reductions (Sec. 8027)						-6		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0306250M	Cyber Operations Technology Development		26,318				-2,550		23,768
		FY 2022 Appropriated Base		26,318				-2,550		23,768
	2 /	Historical underexecution						-2,550		
05	0604419N	Advanced Sensors Application Program (ASAP)						10,000		10,000
		FY 2022 Appropriated Base						10,000		10,000
	1 /	Program increase						10,000		
Subtotal Budget Activity 05: System Development & Demonstration				5,910,089				-335,546		5,574,543
Budget Activity 06: Management Support										
06	0604256N	Threat Simulator Development		20,862				37,100		57,962
		FY 2022 Appropriated Base		20,862				37,100		57,962
	1 /	Program increase - C-band and S-band emulator upgrade for test infrastructure						37,100		
06	0604258N	Target Systems Development		12,113				8,000		20,113
		FY 2022 Appropriated Base		12,113				8,000		20,113
	1 /	Program increase - lab and test range upgrades - targets						8,000		
06	0604759N	Major T&E Investment		84,617				12,000		96,617
		FY 2022 Appropriated Base		84,617				12,000		96,617
	1 /	Program increase - cargo drone family of advanced batteries						9,000		
	1 /	Program increase - lab and test range upgrades - targets						12,000		
	5 /	Realigned to BA 04 PE PE 0603724N Navy Energy Program for proper execution						-9,000		
06	0605152N	Studies and Analysis Support - Navy		3,108						3,108
		FY 2022 Appropriated Base		3,108						3,108
06	0605154N	Center for Naval Analyses		38,590				-4,363		34,227
		FY 2022 Appropriated Base		38,590				-4,363		34,227
		FFRDC Reductions (Sec. 8027)						-4,363		
06	0605804N	Technical Information Services		934						934
		FY 2022 Appropriated Base		934						934
06	0605853N	Management, Technical & International Support		93,966				14,089		108,055
		FY 2022 Appropriated Base		93,966				14,089		108,055
	1 /	Program increase - consortium for additive manufacturing research and education						15,000		
		FFRDC Reductions (Sec. 8027)						-911		
06	0605856N	Strategic Technical Support		3,538						3,538
		FY 2022 Appropriated Base		3,538						3,538

Base for Reprogramming Actions										
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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06	0605863N	RDT&E Ship and Aircraft Support		135,149						135,149
		FY 2022 Appropriated Base		135,149						135,149
06	0605864N	Test and Evaluation Support		429,277				17,000		446,277
		FY 2022 Appropriated Base		429,277				17,000		446,277
	1 /	Program increase - future workforce innovation						1,000		
	1 /	Program increase - lab and test range upgrades - targets						16,000		
06	0605865N	Operational Test and Evaluation Capability		24,872						24,872
		FY 2022 Appropriated Base		24,872						24,872
06	0605866N	Navy Space and Electronic Warfare (SEW) Support		17,653						17,653
		FY 2022 Appropriated Base		17,653						17,653
06	0605867N	SEW Surveillance/Reconnaissance Support		8,065						8,065
		FY 2022 Appropriated Base		8,065						8,065
06	0605873M	Marine Corps Program Wide Support		47,042				-3,518		43,524
		FY 2022 Appropriated Base		47,042				-3,518		43,524
	2 /	Project 3009 excess growth						-3,518		
06	0605898N	Management HQ - R&D		35,614						35,614
		FY 2022 Appropriated Base		35,614						35,614
06	0606355N	Warfare Innovation Management		38,958						38,958
		FY 2022 Appropriated Base		38,958						38,958
06	0305327N	Insider Threat		2,581						2,581
		FY 2022 Appropriated Base		2,581						2,581
06	0902498N	Management Headquarters (Departmental Support Activities)		1,747						1,747
		FY 2022 Appropriated Base		1,747						1,747
Subtotal Budget Activity 06: Management Support				998,686				80,308		1,078,994
Budget Activity 07: Operational Systems Development										
07	0604840M	F-35 C2D2		515,746						515,746
		FY 2022 Appropriated Base		515,746						515,746
07	0604840N	F-35 C2D2		481,962				5,000		486,962
		FY 2022 Appropriated Base		481,962				5,000		486,962
	8 /	Realigned from BA 07 PE 0702207N Depot Maintenance (NON-IF) for proper execution						5,000		
07	0605520M	MARINE CORPS AIR DEFENSE WEAPONS SYSTEMS (MARFORRES)		65,381				-4,000		61,381
		FY 2022 Appropriated Base		65,381				-4,000		61,381
	2 /	Project 2278 MADIS Inc 2 early to need						-4,000		

Base for Reprogramming Actions									
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Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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07	0607658N	Cooperative Engagement Capability (CEC)			176,486		-13,810		162,676
		FY 2022 Appropriated Base			176,486		-13,810		162,676
	2 /	FIRECAP new start phasing					-5,007		
	2 /	ELEKTRA excess growth					-8,803		
07	0101221N	Strategic Sub & Weapons System Support			177,098		9,900		186,998
		FY 2022 Appropriated Base			177,098		9,900		186,998
	1 /	Program increase - next generation strategic inertial measurement unit					6,000		
	1 /	Program increase - autonomous fiber optic sensing network					5,000		
	1 /	Program increase - scalable very high temperature composite manufacturing					6,000		
	1 /	Program increase - strategic weapons systems shipboard navigation system modernization					15,000		
	2 /	D5LE2 integration and test early to need					-2,100		
	2 /	D5LE2 growth without acquisition strategy					-20,000		
07	0101224N	SSBN Security Technology Program			45,775		-188		45,587
		FY 2022 Appropriated Base			45,775		-188		45,587
		FFRDC Reductions (Sec. 8027)					-188		
07	0101226N	Submarine Acoustic Warfare Development			64,752		-5,000		59,752
		FY 2022 Appropriated Base			64,752		-5,000		59,752
	2 /	Compact rapid attack weapon concurrency					-5,000		
07	0101402N	Navy Strategic Communications			35,451				35,451
		FY 2022 Appropriated Base			35,451				35,451
07	0204136N	F/A-18 Squadrons			189,224		30,000		219,224
		FY 2022 Appropriated Base			189,224		30,000		219,224
	1 /	Program increase - civil instrument landing system					3,000		
	1 /	Program increase - noise reduction research					4,000		
	1 /	Program increase - solid state light-off detector					8,000		
	1 /	Program increase - neural network algorithms on advanced processors					5,000		
	1 /	Program increase - training technology					10,000		
07	0204228N	Surface Support			13,733				13,733
		FY 2022 Appropriated Base			13,733				13,733

Base for Reprogramming Actions									
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Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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07	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC)	132,181						132,181
		FY 2022 Appropriated Base	132,181						132,181
07	0204311N	Integrated Surveillance System	84,276				-239		84,037
		FY 2022 Appropriated Base	84,276				-239		84,037
		FFRDC Reductions (Sec. 8027)					-239		
07	0204313N	Ship-Towed Array Surveillance Systems	6,261						6,261
		FY 2022 Appropriated Base	6,261						6,261
07	0204413N	Amphibious Tactical Support Units (Displacement Craft)	1,657						1,657
		FY 2022 Appropriated Base	1,657						1,657
07	0204460M	Ground/Air Task Oriented Radar (G/ATOR)	21,367				23,854		45,221
		FY 2022 Appropriated Base	21,367				23,854		45,221
	1 /	Program increase - AN/TPS-80 G/ATOR naval integrated fire control					12,000		
	1 /	Program increase - AN/TPS-80 G/ATOR radar signal processor refresh					12,000		
		FFRDC Reductions (Sec. 8027)					-146		
07	0204571N	Consolidated Training Systems Development	56,741				-4,000		52,741
		FY 2022 Appropriated Base	56,741				-4,000		52,741
	2 /	Fleet training wholeness prior year carryover					-2,000		
	2 /	CIAT to SEA prior year carryover					-2,000		
07	0204575N	Electronic Warfare (EW) Readiness Support	62,006				-6,478		55,528
		FY 2022 Appropriated Base	62,006				-6,478		55,528
	2 /	Project 3426 unjustified growth					-6,478		
07	0205601N	Anti-Radiation Missile Improvement	133,520				5,000		138,520
		FY 2022 Appropriated Base	133,520				5,000		138,520
	1 /	Program increase - Advanced Anti-Radiation Guided Missile (AARGM) and the Extended Range (ER)					5,000		
07	0205620N	Surface ASW Combat System Integration	28,804						28,804
		FY 2022 Appropriated Base	28,804						28,804
07	0205632N	MK-48 ADCAP	114,492				-13,733		100,759
		FY 2022 Appropriated Base	114,492				-13,733		100,759
	2 /	ABP 7 phasing new start					-2,708		
	2 /	TI-2 phasing new start					-11,025		
07	0205633N	Aviation Improvements	132,486				12,135		144,621
		FY 2022 Appropriated Base	132,486				12,135		144,621
	1 /	Program increase - additive manufacturing for metals affordability					7,000		
	1 /	Program increase - FOD mitigation integration					10,000		
	2 /	Historical underexecution					-4,865		

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07	0205675N	Operational Nuclear Power Systems		113,760						113,760
		FY 2022 Appropriated Base		113,760						113,760
07	0206313M	Marine Corps Communications Systems		89,897				18,798		108,695
		FY 2022 Appropriated Base		89,897				18,798		108,695
	1 /	Program increase - multi-function electronic warfare						20,000		
	2 /	Project 3772 SIGMAN unjustified request						-1,000		
		FFRDC Reductions (Sec. 8027)						-202		
07	0206335M	Common Aviation Command and Control System (CAC2S)		9,324				3,545		12,869
		FY 2022 Appropriated Base		9,324				3,545		12,869
	1 /	Program increase - common aviation command and control system naval integrated fire control						3,545		
07	0206623M	Marine Corps Ground Combat/Supporting Arms Systems		108,235				-4,425		103,810
		FY 2022 Appropriated Base		108,235				-4,425		103,810
	2 /	Project 2315 force on force training systems unjustified growth						-3,354		
	2 /	Project 2503 family of expeditionary fuel systems delay						-1,071		
07	0206624M	Marine Corps Combat Services Support		13,185				8,000		21,185
		FY 2022 Appropriated Base		13,185				8,000		21,185
	1 /	Program increase - field-based airborne power generation systems						8,000		
07	0206625M	USMC Intelligence/Electronic Warfare Systems (MIP)		37,695						37,695
		FY 2022 Appropriated Base		37,695						37,695
07	0206629M	Amphibious Assault Vehicle		7,551						7,551
		FY 2022 Appropriated Base		7,551						7,551
07	0207161N	Tactical AIM Missiles		23,881						23,881
		FY 2022 Appropriated Base		23,881						23,881
07	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)		32,564						32,564
		FY 2022 Appropriated Base		32,564						32,564
07	0208043N	Planning and Decision Aid System (PDAS)		3,101						3,101
		FY 2022 Appropriated Base		3,101						3,101
07	0303138N	Afloat Networks		30,890				5,989		36,879
		FY 2022 Appropriated Base		30,890				5,989		36,879
	1 /	Program increase - kubernetes-based geospatial analytics and visualization						6,000		
		FFRDC Reductions (Sec. 8027)						-11		
07	0303140N	Information Systems Security Program		33,311						33,311
		FY 2022 Appropriated Base		33,311						33,311

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0305192N	Military Intelligence Program (MIP) Activities							
			7,514						7,514
			FY 2022 Appropriated Base						7,514
07	0305204N	Tactical Unmanned Aerial Vehicles							
			9,837						9,837
			FY 2022 Appropriated Base						9,837
07	0305205N	UAS Integration and Interoperability							
			9,797				-4,797		5,000
			FY 2022 Appropriated Base				-4,797		5,000
	2 /	Excess to need					-4,797		
07	0305208M	Distributed Common Ground/Surface Systems							
			38,800				-9,051		29,749
			FY 2022 Appropriated Base				-9,051		29,749
	2 /	DCGS-MC GEOINT concurrency					-3,016		
	2 /	DCGS-MC all-source concurrency					-6,035		
07	0305220N	MQ-4C Triton							
			13,029						13,029
			FY 2022 Appropriated Base						13,029
07	0305231N	MQ-8 UAV							
			26,543				7,000		33,543
			FY 2022 Appropriated Base				7,000		33,543
	1 /	Program increase - data bus cybersecurity					7,000		
07	0305232M	RQ-11 UAV							
			533						533
			FY 2022 Appropriated Base						533
07	0305234N	Small (Level 0) Tactical UAS (STUASL0)							
			1,772						1,772
			FY 2022 Appropriated Base						1,772
07	0305241N	Multi-Intelligence Sensor Development							
			59,252						59,252
			FY 2022 Appropriated Base						59,252
07	0305242M	Unmanned Aerial Systems (UAS) Payloads (MIP)							
			9,274						9,274
			FY 2022 Appropriated Base						9,274
07	0305251N	Cyberspace Operations Forces and Force Support							
			36,378						36,378
			FY 2022 Appropriated Base						36,378
07	0305421N	RQ-4 Modernization							
			134,323						134,323
			FY 2022 Appropriated Base						134,323
07	0307577N	Intelligence Mission Data (IMD)							
			907						907
			FY 2022 Appropriated Base						907
07	0308601N	Modeling and Simulation Support							
			9,772						9,772
			FY 2022 Appropriated Base						9,772

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0702207N	Depot Maintenance (Non-IF)							
			36,880				-1,850		35,030
			36,880				-1,850		35,030
	1 /	Program increase - high pressure cold spray					10,000		
	1 /	Program Increase - joint enterprise data interoperability for F-35 depots					5,000		
	2 /	EA-18G SLAP previously funded					-1,850		
	7 /	Realigned to BA04 PE 0603563 Ship Concept Advanced Design for proper execution.					-10,000		
	8 /	Realigned to BA 07 PE 0604840N F-35C C2D2 for proper execution.					-5,000		
07	0708730N	Maritime Technology (MARITECH)					3,000		6,329
			3,329				3,000		6,329
	1 /	Program increase - maritime technology to mitigate IoT/ICS security vulnerabilities					3,000		
07	9999999999	Classified Programs					252,390		2,124,976
			1,872,586				221,290		2,093,876
	1 /	Classified adjustment					221,290		
		Ukrainian Supplemental, Division N of P.L. 117-103					31,100		31,100
		Ukraine Assistance Supplemental (Div. N)					31,100		
Subtotal Budget Activity 07: Operational Systems Development			5,313,319				317,040		5,630,359
Budget Activity 08: Software and Digital Technology Pilot Programs									
08	0608013N	Risk management Information - Software Pilot Program							13,703
			13,703						13,703
		FY 2022 Appropriated Base							13,703
08	0608113N	Navy Next Generation Enterprise Network (NGEN) - Software Pilot program					-955,151		
			955,151				-955,151		
		FY 2022 Appropriated Base					-955,151		
		Transfer to OM,N line BSIT					-778,000		
		Transfer to OP,N line 141					-175,000		
		Transfer to line 156					-2,151		
08	0608231N	Maritime Tactical Command and Control (MTC2) - Software Pilot Program					-12		14,843
			14,855				-12		14,843
		FY 2022 Appropriated Base					-12		14,843
		FFRDC Reductions (Sec. 8027)					-12		
Subtotal Budget Activity 08: Software and Digital Technology Pilot Programs			983,709				-955,163		28,546

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Research, Development, Test, and Evaluation, Navy , 2022/2023 (1319N)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Grand Total Research, Development, Test, and Evaluation, Navy , 2022/2023		22,639,362				-486,924		22,152,438
Financing								
APPROPRIATION, P.L. 117-103 (Base) Ukrainian Supplemental, Division N of P.L. 117-103		22,639,362				-500,282 31,100		22,139,080 31,100
FFRDC Reductions Subtotal General Provision Reductions						-17,742		-17,742
Subtotal General Provisions								-17,742
TOTAL FINANCING - FY 2022 PROGRAM		22,639,362				-486,924		22,152,438
Footnotes: <p>1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.</p> <p>2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.</p> <p>4 / This item reflects an adjustment to correct a congressional conference discrepancy in BA 04, PE 0604659N, Precision Strike Weapons Development Program; to BA 04, PE 0605518N, Conventional Prompt Strike, for proper execution. The adjustment does not change the purpose for which the funds were appropriated.</p> <p>5 / This item reflects an adjustment to realign a congressionally modified item, "Program increase - cargo drone family of advanced batteries," BA 06, PE 0604759N, Major T&E Investment; to BA 04, PE 0603724N, Navy Energy Program, for proper execution. The adjustment does not change the purpose for which the funds were appropriated.</p> <p>6 / This item reflects an adjustment to realign a congressionally modified item, "Program increase – group 3 advanced autonomous systems," BA 04, PE 0304240M, Advanced Tactical Unmanned Aircraft Systems; to BA 03, PE 0603801N, Innovative Naval Prototypes (INP) Advanced Technology Development, for proper execution. The adjustment does not change the purpose for which the funds were appropriated.</p> <p>7 / This item reflects an adjustment to realign a congressionally modified item, "Program increase – high pressure cold spray," BA 07, PE 0702207N, Depot Maintenance (NON IF); to BA 03, PE 0603563N, Ship Concept Advance Design, for proper execution. The adjustment does not change the purpose for which the funds were appropriated.</p> <p>8 / This item reflects an adjustment to realign a congressionally modified item, "Program increase – joint enterprise data interoperability for F-35 depots," BA 07, PE 0702207N, Depot Maintenance (NON IF); to BA 07, PE 0604840N, F-35C C2D2, for proper execution. The adjustment does not change the purpose for which the funds were appropriated.</p> <p>For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.</p>								

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Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Military Personnel, Air Force, 2022/2022 (3500F)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Pay and Allowances of Officers		11,177,038				84,971		11,262,009
FY 2022 Appropriated Base		11,177,038				50,000		11,227,038
Program increase - Basic Allowance for Housing						50,000		
Ukrainian Supplemental, Division N of P.L. 117-103						9,999		9,999
Ukraine Assistance Supplemental (Div. N)						9,999		
Other Supplemental(s)						24,972		24,972
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						20,472		
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						4,500		
Subtotal Budget Activity 01: Pay and Allowances of Officers		11,177,038				84,971		11,262,009
Budget Activity 02: Pay and Allowances of Enlisted		21,019,403				128,822		21,148,225
FY 2022 Appropriated Base		21,019,403				-49,195		20,970,208
Historical unobligated balances						-31,770		
Program increase - Basic Allowance for Housing						97,500		
Revised budget estimate						-114,925		
Ukrainian Supplemental, Division N of P.L. 117-103						38,819		38,819
Ukraine Assistance Supplemental (Div. N)						38,819		
Other Supplemental(s)						139,198		139,198
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						116,134		
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						23,064		
Subtotal Budget Activity 02: Pay and Allowances of Enlisted		21,019,403				128,822		21,148,225
Budget Activity 03: Pay And Allowances Of Cadets		88,069				2,000		90,069
FY 2022 Appropriated Base		88,069				2,000		90,069
Program increase - Basic Allowance for Subsistence						2,000		
Subtotal Budget Activity 03: Pay And Allowances Of Cadets		88,069				2,000		90,069

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Military Personnel, Air Force, 2022/2022 (3500F)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Subsistence of Enlisted Personnel		1,439,442				37,472		1,476,914
FY 2022 Appropriated Base		1,439,442				27,500		1,466,942
Program increase - Basic Allowance for Subsistence						27,500		
Ukrainian Supplemental, Division N of P.L. 117-103						1,578		1,578
Ukraine Assistance Supplemental (Div. N)						1,578		
Other Supplemental(s)						8,394		8,394
1 / Additional Afghanistan Supplemental, Division B of P.L. 117-70						8,394		
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		1,439,442				37,472		1,476,914
Budget Activity 05: Permanent Change of Station Travel		1,205,880						1,205,880
FY 2022 Appropriated Base		1,205,880						1,205,880
Subtotal Budget Activity 05: Permanent Change of Station Travel		1,205,880						1,205,880
Budget Activity 06: Other Military Personnel Costs		118,069						118,069
FY 2022 Appropriated Base		118,069						118,069
Subtotal Budget Activity 06: Other Military Personnel Costs		118,069						118,069
Grand Total Military Personnel, Air Force, 2022/2022		35,047,901				253,265		35,301,166
Financing								
APPROPRIATION, P.L. 117-103 (Base)		35,047,901				30,305		35,078,206
Ukrainian Supplemental, Division N of P.L. 117-103						50,396		50,396
Other Supplemental(s)						172,564		172,564
TOTAL FINANCING - FY 2022 PROGRAM		35,047,901				253,265		35,301,166
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Reserve Personnel, Air Force, 2022/2022 (3700F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i	
Budget Activity 01: Reserve Component Training and Support			2,386,013				-15,012		2,371,001
FY 2022 Appropriated Base			2,386,013				-15,012		2,371,001
Historical unobligated balances							-11,580		
Program increase - Basic Allowance for Housing							7,600		
Program increase - Basic Allowance for Subsistence							1,900		
Revised budget estimate							-12,932		
Subtotal Budget Activity 01: Reserve Component Training and Support			2,386,013				-15,012		2,371,001
Grand Total Reserve Personnel, Air Force, 2022/2022			2,386,013				-15,012		2,371,001
Financing									
APPROPRIATION, P.L. 117-103 (Base)			2,386,013				-15,012		2,371,001
TOTAL FINANCING - FY 2022 PROGRAM			2,386,013				-15,012		2,371,001
Footnotes:									
For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.									

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
National Guard Personnel, Air Force, 2022/2022 (3850F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Reserve Component Training and Support		4,814,974				-50,531		4,764,443
FY 2022 Appropriated Base		4,814,974				-50,531		4,764,443
1 / Program increase - RC-26B						12,700		
1 / Program increase - State Partnership Program						2,500		
1 / Program increase - critical skillsets crosstraining						3,000		
1 / Program increase - trauma training						2,400		
1 / Program increase - warrior resiliency and fitness						500		
1 / Program increase - wildfire training						5,460		
Advanced Trauma and Public Health Direct Training Services						2,665		
Historical unobligated balances						-17,295		
Program increase - Basic Allowance for Housing						19,400		
Program increase - Basic Allowance for Subsistence						2,800		
Program increase - Implementation of the Independent						540		
Review Commission on Sexual Assault in the Military								
Revised budget estimate						-19,701		
Transfer to Operation and Maintenance Air National Guard						-65,500		
Subtotal Budget Activity 01: Reserve Component Training and Support		4,814,974				-50,531		4,764,443
Grand Total National Guard Personnel, Air Force, 2022/2022		4,814,974				-50,531		4,764,443
Financing								
APPROPRIATION, P.L. 117-103 (Base)		4,814,974				-50,531		4,764,443
TOTAL FINANCING - FY 2022 PROGRAM		4,814,974				-50,531		4,764,443
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Air Force, 2022/2022 (3400F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		42,770,508				1,743,549		44,514,057
FY 2022 Appropriated Base		42,770,508				998,107		43,768,615
1 / Program increae - natural resource management						10,000		
1 / Program increase (FSRM)						330,000		
1 / Program increase - A-10 sustainment						148,000		
1 / Program increase - F-35 sustainment						185,000		
1 / Program increase - INDOPACOM mission partner environment BICES-X						3,850		
1 / Program increase - INDOPACOM multi-domain training and experimentation capability						22,110		
1 / Program increase - US Air Force Academy						10,000		
1 / Program increase - adversary air						10,500		
1 / Program increase - cyber resilience for the Pacific						5,000		
1 / Program increase - cyber resiliency for NC3 bases						8,000		
1 / Program increase - cyber training						23,300		
1 / Program increase - natural resource management						5,000		
1 / Program increase - threat hunting platform						10,000		
1 / Red Hill						8,300		
2 / Unjustified growth - OSC-I						-16,000		
Air Force requested transfer to address CENTCOM requirements						100,100		
Air Force requested transfer for USAFE logistics requirements						6,978		
Air Force requested transfer to OP,AF line 9						-2,270		
Air Force requested transfer to address CENTCOM requirements						-100,100		
Childcare Fee						2,300		
Electric Vehicle Programs						10,000		
FFRDC Reductions (Sec. 8027)						-1,730		
Fuel						481,273		
Historical Unobligated Balances						-75,000		
Minimum Wage Increase						33,000		
Program increase - implementation of P.L. 115-68						2,898		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Air Force, 2022/2022 (3400F)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Grand Total Operation and Maintenance, Air Force, 2022/2022		53,876,475				1,971,185		55,847,660
Financing								
APPROPRIATION, P.L. 117-103 (Base)		53,876,475				1,227,473		55,103,948
Ukrainian Supplemental, Division N of P.L. 117-103						415,442		415,442
Other Supplemental(s)						330,000		330,000
FFRDC Reductions						-1,730		
Subtotal General Provision Reductions								-1,730
Subtotal General Provisions								-1,730
TOTAL FINANCING - FY 2022 PROGRAM		53,876,475				1,971,185		55,847,660
Footnotes: <p>1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.</p> <p>2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.</p> <p>4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of these lines for Title II funds : Primary Combat Forces; Combat Enhancement Forces; Depot Purchase Equipment Maintenance; Facilities Sustainment, Restoration, & Modernization; Contractor Logistics Support and System Support; and Flying Hour Program.</p> <p>5 / The line item Base Support has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million into this line item for Title II funds.</p> <p>For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Space Force, 2022/2022 (3410F)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		3,283,965				25,300		3,309,265
FY 2022 Appropriated Base		3,283,965				24,500		3,308,465
1 / Classified adjustment						2,000		
1 / Program increase (FSRM)						9,000		
1 / Program increase - weapon system sustainment						25,000		
1 / Program increase - weapons system sustainment						10,000		
Unjustified growth						-21,500		
4 / Space Force (O&M) - REPROGRAMMING GUIDANCE								
Ukrainian Supplemental, Division N of P.L. 117-103						800		800
Ukraine Assistance Supplemental (Div. N)						800		
Subtotal Budget Activity 01: Operating Forces		3,283,965				25,300		3,309,265
Budget Activity 04: Administration and Service Wide Activities		156,747				-30,000		126,747
FY 2022 Appropriated Base		156,747				-30,000		126,747
Unjustified growth						-30,000		
4 / Space Force (O&M) - REPROGRAMMING GUIDANCE								
Subtotal Budget Activity 04: Administration and Service Wide Activities		156,747				-30,000		126,747
Grand Total Operation and Maintenance, Space Force, 2022/2022		3,440,712				-4,700		3,436,012
Financing								
APPROPRIATION, P.L. 117-103 (Base)		3,440,712				-5,500		3,435,212
Ukrainian Supplemental, Division N of P.L. 117-103						800		800
TOTAL FINANCING - FY 2022 PROGRAM		3,440,712				-4,700		3,436,012
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of these lines for Title II funds: Contractor Logistics Support and System Support; and Administration. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Air Force Reserve, 2022/2022 (3740F)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		3,217,032				65,600		3,282,632
FY 2022 Appropriated Base		3,217,032				65,600		3,282,632
1 / Program increase (FSRM)						30,000		
Fuel						51,400		
Program decrease unaccounted for						-16,000		
Transportation Command Working Capital Fund						18,700		
Trauma Training						1,500		
Unjustified growth						-20,000		
4 / AF Reserve (O&M) - REPROGRAMMING GUIDANCE								
Subtotal Budget Activity 01: Operating Forces		3,217,032				65,600		3,282,632
Budget Activity 04: Administration And Servicewide Activities		135,074						135,074
FY 2022 Appropriated Base		135,074						135,074
Subtotal Budget Activity 04: Administration And Servicewide Activities		135,074						135,074
Grand Total Operation and Maintenance, Air Force Reserve, 2022/2022		3,352,106				65,600		3,417,706
Financing								
APPROPRIATION, P.L. 117-103 (Base)		3,352,106				65,600		3,417,706
TOTAL FINANCING - FY 2022 PROGRAM		3,352,106				65,600		3,417,706
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 4 / The Primary Combat Forces line item has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of the line for Title II funds. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Air National Guard, 2022/2022 (3840F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Operating Forces		6,485,801				212,400		6,698,201
FY 2022 Appropriated Base		6,485,801				212,400		6,698,201
1 / Program increase (FSRM)						42,000		
1 / Program increase - HMMWV modernization program						3,800		
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						6,430		
1 / Program increase - Joint Terminal Attack Controller training						8,000		
1 / Program increase - PFAS environmental activities						19,030		
1 / Program increase - RC-26B						10,000		
1 / Program increase - State Partnership Program						3,700		
1 / Program increase - advanced trauma and public health direct training services						1,800		
1 / Program increase - pilot program for remote provision of cybersecurity technical assistance						2,000		
1 / Program increase - prevention workforce						900		
1 / Program increase - warrior resiliency and fitness						2,500		
1 / Program increase - wildfire training						1,140		
1, 7, 8 / Transfer from National Guard Personnel, Air Force for full time support						65,500		
3 / Realigned from Aircraft Operations to Mission Support Operations for proper execution						-12,042		
4 / Realigned from Aircraft Operations to Base Support for proper execution						-10,977		
5 / Realigned from Aircraft Operations to Mission Support Operations for proper execution						12,042		
6 / Realigned from Aircraft Operations to Base Support for proper execution						10,977		
Fuel						81,100		
Trauma Training						2,000		
Unjustified growth						-37,500		
4 / ANG O&M - AIRCRAFT OPERATIONS								
5 / ANG O&M - REPROGRAMMING GUIDANCE								
Subtotal Budget Activity 01: Operating Forces		6,485,801				212,400		6,698,201
Budget Activity 04: Administration And Service-Wide Activities		88,219						88,219
FY 2022 Appropriated Base		88,219						88,219
Subtotal Budget Activity 04: Administration And Service-Wide Activities		88,219						88,219

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Operation and Maintenance, Air National Guard, 2022/2022 (3840F)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Grand Total Operation and Maintenance, Air National Guard, 2022/2022		6,574,020				212,400		6,786,420
Financing								
APPROPRIATION, P.L. 117-103 (Base)		6,574,020				212,400		6,786,420
TOTAL FINANCING - FY 2022 PROGRAM		6,574,020				212,400		6,786,420
Footnotes: <p>1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.</p> <p>3 / This line item reflects an adjustment to realign a congressionally modified item Transfer from National Guard Personnel, Air Force for full time \$65,500,000 from Aircraft Operations to Mission Support Operations. The adjustment does not change the purpose for which funds were appropriated.</p> <p>4 / This line item reflects an adjustment to realign a congressionally modified item Transfer from National Guard Personnel, Air Force for full time \$65,500,000 from Aircraft Operations to Base Support. The adjustment does not change the purpose for which funds were appropriated.</p> <p>4 / The line item Aircraft Operations has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million out of this line item for Title II funds.</p> <p>5 / The line items Aircraft Operations and Contractor Logistics Support and System Support have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$10 million into this line item for Title II funds.</p> <p>5 / This line item reflects an adjustment to realign a congressionally modified item Transfer from National Guard Personnel, Air Force for full time \$65,500,000 from Aircraft Operations to Mission Support Operations. The adjustment does not change the purpose for which funds were appropriated.</p> <p>6 / This line item reflects an adjustment to realign a congressionally modified item Transfer from National Guard Personnel, Air Force for full time \$65,500,000 from Aircraft Operations to Base Support. The adjustment does not change the purpose for which funds were appropriated.</p> <p>7 / This line item reflects an adjustment to realign a congressionally modified item Transfer from National Guard Personnel, Air Force for full time \$65,500,000 from Aircraft Operations to Mission Support Operations. The adjustment does not change the purpose for which funds were appropriated.</p> <p>8 / This line item reflects an adjustment to realign a congressionally modified item Transfer from National Guard Personnel, Air Force for full time \$65,500,000 from Aircraft Operations to Base Support. The adjustment does not change the purpose for which funds were appropriated.</p> <p>For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Environmental Restoration, Air Force, 2022/XXXX (0810FX)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Department Of The Air Force		301,768				220,242		522,010
FY 2022 Appropriated Base		301,768				220,242		522,010
General program increase						75,442		
Program increase and \$144,800,000 is provided for the Air Force and Air National Guard to address costs associated with remediating contamination caused by per- and polyfluoroalkyl substances						144,800		
Subtotal Budget Activity 03: Department Of The Air Force		301,768				220,242		522,010
Grand Total Environmental Restoration, Air Force, 2022/XXXX		301,768				220,242		522,010
Financing								
APPROPRIATION, P.L. 117-103 (Base)		301,768				220,242		522,010
TOTAL FINANCING - FY 2022 PROGRAM		301,768				220,242		522,010
Footnotes:								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Air Force, 2022/2024 (3010F)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Combat Aircraft								
01 B-21 Raider Advance Procurement (CY)		108,027						108,027
FY 2022 Appropriated Base		108,027						108,027
01 F-35	48	4,167,604				50,000	48	4,217,604
FY 2022 Appropriated Base	48	4,167,604				50,000	48	4,217,604
1 / Program increase - depot acceleration						50,000		
01 F-35 Advance Procurement (CY)		352,632				-10,096		342,536
FY 2022 Appropriated Base		352,632				-10,096		342,536
2 / Airframe/CFE long lead material unjustified growth						-8,380		
2 / Engines/Eng ACC unjustified growth						-1,716		
01 F-15EX	12	1,186,903				-82,463	12	1,104,440
FY 2022 Appropriated Base	12	1,186,903				-82,463	12	1,104,440
2 / Unit cost adjustment						-51,347		
2 / Spares unjustified growth						-9,016		
2 / Depot activation ahead of need						-22,100		
01 F-15EX Advance Procurement (CY)		147,919						147,919
FY 2022 Appropriated Base		147,919						147,919
Subtotal Budget Activity 01: Combat Aircraft		5,963,085				-42,559		5,920,526
Budget Activity 02: Airlift Aircraft								
02 KC-46A MDAP	14	2,380,315				-91,300	14	2,289,015
FY 2022 Appropriated Base	14	2,380,315				-91,300	14	2,289,015
2 / PMA excess growth						-2,400		
2 / G-SIL delays						-88,900		
02 C-130J	1	128,896			20	2,256,310	21	2,385,206
FY 2022 Appropriated Base	1	128,896			20	2,256,310	21	2,385,206
1 / Program increase - four aircraft only for the Air Force Reserve					4	429,200		
1 / Program increase - sixteen aircraft only for Air National Guard operational squadrons					16	1,800,800		
1 / Program increase - critical production DMS requirements						26,310		
02 MC-130J	3	220,049					3	220,049
FY 2022 Appropriated Base	3	220,049					3	220,049
Subtotal Budget Activity 02: Airlift Aircraft		2,729,260				2,165,010		4,894,270

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Air Force, 2022/2024 (3010F)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Trainer Aircraft								
03								
Advanced Trainer Replacement T-X		10,397				-10,397		
FY 2022 Appropriated Base		10,397				-10,397		
2 / Ahead of need						-10,397		
Subtotal Budget Activity 03: Trainer Aircraft		10,397				-10,397		
Budget Activity 04: Other Aircraft								
04								
Combat Rescue Helicopter	14	792,221				-48,300	14	743,921
FY 2022 Appropriated Base	14	792,221				-48,300	14	743,921
2 / Airframe unit cost adjustment						-35,303		
2 / Other flyaway cost adjustment						-12,997		
04								
Civil Air Patrol A/C		2,813				8,587		11,400
FY 2022 Appropriated Base		2,813				8,587		11,400
1 / Program increase						8,587		
04								
Target Drones	22	116,169				-3,726	22	112,443
FY 2022 Appropriated Base	22	116,169				-3,726	22	112,443
2 / Excess to requirement						-3,726		
04								
E-11 BACN/HAG	2	124,435					2	124,435
FY 2022 Appropriated Base	2	124,435					2	124,435
04								
MQ-9		3,288			4	88,979	4	92,267
FY 2022 Appropriated Base		3,288			4	88,979	4	92,267
1 / Program increase - four aircraft					4	88,979		
04								
UH-1N Replacement					8	141,360	8	141,360
FY 2022 Appropriated Base					8	141,360	8	141,360
1 / Reappropriation of FY21 funds for eight aircraft					8	141,360		
Subtotal Budget Activity 04: Other Aircraft		1,038,926				186,900		1,225,826
Budget Activity 05: Modification of Inservice Aircraft								
05								
B-2A		29,944						29,944
FY 2022 Appropriated Base		29,944						29,944
05								
B-1B		30,518				-3,112		27,406
FY 2022 Appropriated Base		30,518				-3,112		27,406
2 / Radio crypto mod ahead of need						-3,112		
05								
B-52		74,957				-4,537		70,420
FY 2022 Appropriated Base		74,957				-4,537		70,420
2 / TDL production decision delays						-10,000		
2 / Low cost improvements ahead of need						-2,400		
Air Force requested transfer from line 71, Initial Spares/Repair Parts, for GPS-IU						7,863		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:						Fiscal Year Program:			
Aircraft Procurement, Air Force, 2022/2024 (3010F)						2022			
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	Combat Rescue Helicopter		61,191				-61,191		
	FY 2022 Appropriated Base		61,191				-61,191		
	2 / DAIRCM ahead of need						-61,191		
05	Large Aircraft Infrared Countermeasures		57,001						57,001
	FY 2022 Appropriated Base		57,001						57,001
05	A-10		83,621						83,621
	FY 2022 Appropriated Base		83,621						83,621
05	E-11 BACN/HAG		68,955						68,955
	FY 2022 Appropriated Base		68,955						68,955
05	F-15		234,340				-55,387		178,953
	FY 2022 Appropriated Base		234,340				-55,387		178,953
	2 / F-15E MIDS-JTRS installs excess to need						-1,883		
	2 / ADCP II contract delays						-28,329		
	2 / ADCP depot hap analysis ahead of need						-10,029		
	2 / F-15E digital color display ahead of need						-15,146		
05	F-16		613,166				-758		612,408
	FY 2022 Appropriated Base		613,166				-758		612,408
	1 / Program increase - AESA radars only for Air National Guard						62,700		
	1 / Program increase - AESA spares kits only for Air National Guard						25,620		
	1 / Program increase - AESA wideband radomes and spares only for Air National Guard						7,540		
	1 / Program increase - HUD upgrade						20,000		
	2 / AESA (active) cost adjustment for increased quantity						-26,975		
	2 / MMC/PDG development delays						-15,386		
	2 / Unjustified growth - MMC/PDG interim contractor support						-4,795		
	2 / Comm suite installations ahead of need						-10,368		
	2 / ALR-69A DRWR decision point alignment						-49,964		
	2 / Center display unit excess to need						-610		
	2 / SLEP induction delays						-8,520		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Aircraft Procurement, Air Force, 2022/2024 (3010F)

Fiscal Year Program:

2022

Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05 F-22A		424,722				-16,795		407,927
FY 2022 Appropriated Base		424,722				-16,795		407,927
1 / Program increase - RAMP						10,000		
2 / Sensor enhancement contract delay						-7,400		
2 / OGC carryover						-13,326		
2 / Link 16 block 35 - ACAT carryover						-6,069		
05 F-35 Modifications		304,135				-56,207		247,928
FY 2022 Appropriated Base		304,135				-56,207		247,928
2 / Block 4 group A installs ahead of need						-44,000		
2 / SLLP2 delays						-12,207		
05 F-15 EPAW	18	149,797					18	149,797
FY 2022 Appropriated Base	18	149,797					18	149,797
05 KC-46A MDAP		1,984						1,984
FY 2022 Appropriated Base		1,984						1,984
05 C-5		25,431				-5,101		20,330
FY 2022 Appropriated Base		25,431				-5,101		20,330
2 / CNS/ATM excess to need						-5,101		
05 C-17A		59,570				-4,921		54,649
FY 2022 Appropriated Base		59,570				-4,921		54,649
2 / PMA carryover						-2,200		
2 / RHUD installations excess to need						-2,721		
05 C-32A		1,949						1,949
FY 2022 Appropriated Base		1,949						1,949
05 C-37A		5,984						5,984
FY 2022 Appropriated Base		5,984						5,984
05 Glider Mods		142						142
FY 2022 Appropriated Base		142						142
05 T-6		8,735						8,735
FY 2022 Appropriated Base		8,735						8,735
05 T-1		3,872				-3,000		872
FY 2022 Appropriated Base		3,872				-3,000		872
2 / AMP A-kit excess to need						-3,000		
05 T-38		49,851				-4,812		45,039
FY 2022 Appropriated Base		49,851				-4,812		45,039
2 / MFD/EED ahead of need						-1,554		
2 / Overestimation of PCIII installation costs						-3,258		
05 U-2 Mods		126,809				-5,800		121,009
FY 2022 Appropriated Base		126,809				-5,800		121,009
2 / ASARS-2B contract delay						-5,800		
05 KC-10A (ATCA)		1,902						1,902
FY 2022 Appropriated Base		1,902						1,902

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:							Fiscal Year Program:		
Aircraft Procurement, Air Force, 2022/2024 (3010F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	VC-25A Mod		96						96
	FY 2022 Appropriated Base		96						96
05	C-40		262				10,000		10,262
	FY 2022 Appropriated Base		262				10,000		10,262
	1 / Program increase - SATCOM upgrades						10,000		
05	C-130		29,071				243,180		272,251
	FY 2022 Appropriated Base		29,071				243,180		272,251
	1 / Program increase - eight blade propeller upgrade						151,000		
	1 / Program increase - engine enhancement program						79,000		
	1 / Program increase - modular airborne firefighting system						20,000		
	2 / AMP Inc 3 installations ahead of need						-6,820		
05	C-130J Mods		110,784						110,784
	FY 2022 Appropriated Base		110,784						110,784
05	C-135		61,376				-2,600		58,776
	FY 2022 Appropriated Base		61,376				-2,600		58,776
	1 / RPI delays						-2,600		
05	Compass Call		195,098						195,098
	FY 2022 Appropriated Base		195,098						195,098
05	RC-135		207,596						207,596
	FY 2022 Appropriated Base		207,596						207,596
05	E-3		109,855				-18,554		91,301
	FY 2022 Appropriated Base		109,855				-18,554		91,301
	2 / ACIP ahead of need						-17,891		
	FFRDC Reductions (Sec. 8027)						-663		
05	E-4		19,081						19,081
	FY 2022 Appropriated Base		19,081						19,081
05	E-8		16,312						16,312
	FY 2022 Appropriated Base		16,312						16,312
05	Airborne Warning and Cntrl Sys (AWACS) 40/45		30,327				-5,500		24,827
	FY 2022 Appropriated Base		30,327				-5,500		24,827
	2 / Overestimation of block 40/45 kit installation costs						-5,500		
05	H-1		1,533						1,533
	FY 2022 Appropriated Base		1,533						1,533

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Air Force, 2022/2024 (3010F)						2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h Amount i
05	H-60		13,709				770	14,479
	FY 2022 Appropriated Base		13,709				770	14,479
	1 / Program increase - combat rescue helicopter load stabilizers						5,370	
	2 / OLR ICS contract delay						-1,000	
	2 / DSU ICS excess to need						-3,600	
05	RQ-4 Mods		3,205					3,205
	FY 2022 Appropriated Base		3,205					3,205
05	HC/MC-130 Modifications		150,263				-2,270	147,993
	FY 2022 Appropriated Base		150,263				-2,270	147,993
	2 / SACU installations ahead of need						-2,200	
	FFRDC Reductions (Sec. 8027)						-70	
05	Other Aircraft		54,828					54,828
	FY 2022 Appropriated Base		54,828					54,828
05	MQ-9 Mods		144,287					144,287
	FY 2022 Appropriated Base		144,287					144,287
05	MQ-9 UAS Payloads		40,800				14,400	55,200
	FY 2022 Appropriated Base		40,800				14,400	55,200
	1 / Program increase - Gorgon Stare operational loss replacement						14,400	
05	Senior Leader C3, System - Aircraft		23,554					23,554
	FY 2022 Appropriated Base		23,554					23,554
05	CV-22 Mods		158,162				72,800	230,962
	FY 2022 Appropriated Base		158,162				72,800	230,962
	1 / Program increase - Docom unfunded priority for CV-22 reliability acceleration						82,400	
	2 / Overestimation of OGA costs						-4,700	
	2 / Level II air vehicle carryover						-4,900	
Subtotal Budget Activity 05: Modification of Inservice Aircraft			3,788,775				90,605	3,879,380

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Air Force, 2022/2024 (3010F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i
Budget Activity 06: Aircraft Spares and Repair Parts								
06 Initial Spares/Repair Parts		923,573				83,495		1,007,068
FY 2022 Appropriated Base		923,573				83,495		1,007,068
1 / Program increase - unfunded priority for F135 spare engine power modules only for Air Force						175,000		
2 / F-15E carryover						-8,250		
2 / F-22 carryover						-8,543		
2 / KC-46A award delays						-55,000		
2 / HH-60 FVE termination						-1,849		
2 / C-17 contract delay						-10,000		
Air Force requested transfer to line 25, B-52, for B-52 GPS-IU						-7,863		
Subtotal Budget Activity 06: Aircraft Spares and Repair Parts		923,573				83,495		1,007,068
Budget Activity 07: Aircraft Supt Equipment & Facilities								
07 Aircraft Replacement Support Equip		138,761						138,761
FY 2022 Appropriated Base		138,761						138,761
07 B-2A		1,651						1,651
FY 2022 Appropriated Base		1,651						1,651
07 B-2B		38,811						38,811
FY 2022 Appropriated Base		38,811						38,811
07 B-52		5,602				-2,000		3,602
FY 2022 Appropriated Base		5,602				-2,000		3,602
2 / CONECT ICD carryover						-2,000		
07 F-15		2,324						2,324
FY 2022 Appropriated Base		2,324						2,324
07 F-16		10,456						10,456
FY 2022 Appropriated Base		10,456						10,456
07 RQ-4 Post Production Charges		24,592						24,592
FY 2022 Appropriated Base		24,592						24,592
07 Industrial Responsiveness		18,110						18,110
FY 2022 Appropriated Base		18,110						18,110
07 War Consumables		35,866						35,866
FY 2022 Appropriated Base		35,866						35,866
07 Other Production Charges		979,388				184,490		1,163,878
FY 2022 Appropriated Base		979,388				184,490		1,163,878
1 / Program increase - P6 combat training system						14,490		
1 / Classified adjustment						170,000		
07 Classified Programs		18,092						18,092
FY 2022 Appropriated Base		18,092						18,092
Subtotal Budget Activity 07: Aircraft Supt Equipment & Facilities		1,273,653				182,490		1,456,143
Grand Total Aircraft Procurement, Air Force, 2022/2024		15,727,669				2,655,544		18,383,213

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Aircraft Procurement, Air Force, 2022/2024 (3010F)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Financing								
APPROPRIATION, P.L. 117-103 (Base)		15,727,669				2,656,277		18,383,946
FFRDC Reductions						-733		
Subtotal General Provision Reductions								-733
Subtotal General Provisions								-733
TOTAL FINANCING - FY 2022 PROGRAM		15,727,669				2,655,544		18,383,213
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Missile Procurement, Air Force, 2022/2024 (3020F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Ballistic Missiles								
01 Missile Replacement Eq-Ballistic		57,793						57,793
FY 2022 Appropriated Base		57,793						57,793
01 Ground Based Strategic Deterrent		10,895				-10,895		
FY 2022 Appropriated Base		10,895				-10,895		
Air Force requested transfer to line 20 for KS-75						-2,000		
Air Force requested transfer to line 2A						-8,895		
01 Ground Based Strategic Deterrent Advance Procurement (AP-CY)						8,895		8,895
FY 2022 Appropriated Base						8,895		8,895
Air Force requested transfer from line 2						8,895		
Subtotal Budget Activity 01: Ballistic Missiles		68,688				-2,000		66,688
Budget Activity 02: Other Missiles								
02 Replac Equip & War Consumables		7,681						7,681
FY 2022 Appropriated Base		7,681						7,681
02 AGM-183A Air-Launched Rapid Response Weapon		160,850				-160,850		
FY 2022 Appropriated Base		160,850				-160,850		
2 / Early to need						-80,425		
Transfer to RDTE, AF line 43A for testing shortfall						-80,425		
02 Joint Air-Surface Standoff Missile	525	710,550					525	710,550
FY 2022 Appropriated Base	525	710,550					525	710,550
02 Sidewinder (AIM-9X)	243	107,587			-13	-5,080	230	102,507
FY 2022 Appropriated Base	243	107,587			-13	-5,080	230	102,507
2 / Unit cost adjustment - AUR Block II					-10	-3,720		
2 / Unit cost adjustment - CATM Block II					-3	-1,360		
02 AMRAAM	168	214,002					168	214,002
FY 2022 Appropriated Base	168	214,002					168	214,002
02 Predator Hellfire Missile	1,176	103,684					1,176	103,684
FY 2022 Appropriated Base	1,176	103,684					1,176	103,684
02 Small Diameter Bomb	998	82,819			-250	-9,960	748	72,859
FY 2022 Appropriated Base	998	82,819			-250	-9,960	748	72,859
2 / Contract delays					-250	-9,960		
02 SMALL DIAMETER BOMB II	985	294,649			-9	-18,715	976	275,934
FY 2022 Appropriated Base	985	294,649			-9	-18,715	976	275,934
2 / Pricing adjustment					-9	-18,715		
02 Industry Preparedness/Pol Prevention		757						757
FY 2022 Appropriated Base		757						757
Subtotal Budget Activity 02: Other Missiles		1,682,579				-194,605		1,487,974

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Missile Procurement, Air Force, 2022/2024 (3020F)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Modification of Inservice Missiles								
03 ICBM FUZE MOD	40	53,013				12,250	40	65,263
FY 2022 Appropriated Base	40	53,013				12,250	40	65,263
Air Force requested transfer from line 16						12,250		
03 ICBM FUZE MOD Advance Procurement (CY)		47,757				-12,250		35,507
FY 2022 Appropriated Base		47,757				-12,250		35,507
Air Force requested transfer to line 15						-12,250		
03 MM III Modifications		88,579						88,579
FY 2022 Appropriated Base		88,579						88,579
03 Air Launch Cruise Missile (ALCM)		46,799						46,799
FY 2022 Appropriated Base		46,799						46,799
Subtotal Budget Activity 03: Modification of Inservice Missiles		236,148						236,148
Budget Activity 04: Spares and Repair Parts								
04 Msl Sprs/Repair Parts (Initial)		14,212				2,000		16,212
FY 2022 Appropriated Base		14,212				2,000		16,212
Air Force requested transfer from line 2 for KS-75						2,000		
04 Msl Sprs/Repair Parts (Replen)		63,547						63,547
FY 2022 Appropriated Base		63,547						63,547
04 Initial Spares/Repair Parts		4,045						4,045
FY 2022 Appropriated Base		4,045						4,045
Subtotal Budget Activity 04: Spares and Repair Parts		81,804				2,000		83,804
Budget Activity 05: Other Support								
05 Special Update Programs		30,352						30,352
FY 2022 Appropriated Base		30,352						30,352
05 Classified Programs		570,240						570,240
FY 2022 Appropriated Base		570,240						570,240
Subtotal Budget Activity 05: Other Support		600,592						600,592
Grand Total Missile Procurement, Air Force, 2022/2024		2,669,811				-194,605		2,475,206
Financing								
APPROPRIATION, P.L. 117-103 (Base)		2,669,811				-194,605		2,475,206
TOTAL FINANCING - FY 2022 PROGRAM		2,669,811				-194,605		2,475,206
Footnotes:								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Procurement, Space Force, 2022/2024 (3022F)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Space Procurement, SF								
01 AF Satellite Comm System		43,655				-4,000		39,655
FY 2022 Appropriated Base		43,655				-4,000		39,655
2 / Unjustified cost growth						-4,000		
01 Counterspace Systems		64,804						64,804
FY 2022 Appropriated Base		64,804						64,804
01 Family of Beyond Line-of-Sight Terminals		39,444				-2,900		36,544
FY 2022 Appropriated Base		39,444				-2,900		36,544
2 / Unjustified support services growth						-2,900		
01 General Information Tech - Space		3,316						3,316
FY 2022 Appropriated Base		3,316						3,316
01 GPSIII Follow On	2	601,418			1	251,500	3	852,918
FY 2022 Appropriated Base	2	601,418			1	251,500	3	852,918
1 / Program increase - one spacecraft					1	260,000		
2 / Unjustified cost growth						-8,500		
01 GPS III Space Segment		84,452						84,452
FY 2022 Appropriated Base		84,452						84,452
01 Global Positioning (Space)		2,274						2,274
FY 2022 Appropriated Base		2,274						2,274
01 HERITAGE TRANSITION		13,529						13,529
FY 2022 Appropriated Base		13,529						13,529
01 Spaceborne Equip (Comsec)		26,245				20,700		46,945
FY 2022 Appropriated Base		26,245				20,700		46,945
1 / Program increase - space-rated crypto devices						22,700		
2 / Unjustified unit cost growth						-2,000		
01 MILSATCOM		24,333						24,333
FY 2022 Appropriated Base		24,333						24,333
01 SBIR High (Space)		154,526						154,526
FY 2022 Appropriated Base		154,526						154,526
01 Special Space Activities		142,188				-10,700		131,488
FY 2022 Appropriated Base		142,188				-10,700		131,488
2 / Classified adjustment						-10,700		
01 Mobile User Objective System		45,371						45,371
FY 2022 Appropriated Base		45,371						45,371

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Space Force, 2022/2024 (3022F)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01 National Security Space Launch	5	1,337,347				-10,000	5	1,327,347
FY 2022 Appropriated Base	5	1,337,347				-10,000	5	1,327,347
2 / Unjustified request - manifest flexibility						-10,000		
01 NUDET Detection System		6,690						6,690
FY 2022 Appropriated Base		6,690						6,690
01 PTES HUB		7,406						7,406
FY 2022 Appropriated Base		7,406						7,406
01 Rocket Systems Launch Program		10,429				20,000		30,429
FY 2022 Appropriated Base		10,429				20,000		30,429
1 / Program increase - small launch services						20,000		
01 Space Mods		64,371				-8,046		56,325
FY 2022 Appropriated Base		64,371				-8,046		56,325
2 / Inadequate justification						-8,046		
01 Spacelift Range System Space		93,774						93,774
FY 2022 Appropriated Base		93,774						93,774
Subtotal Budget Activity 01: Space Procurement, SF		2,765,572				256,554		3,022,126
Budget Activity 02: Spares								
02 Spares and Repair Parts		1,282						1,282
FY 2022 Appropriated Base		1,282						1,282
Subtotal Budget Activity 02: Spares		1,282						1,282
Grand Total Procurement, Space Force, 2022/2024		2,766,854				256,554		3,023,408
<i>Financing</i>								
APPROPRIATION, P.L. 117-103 (Base)		2,766,854				256,554		3,023,408
TOTAL FINANCING - FY 2022 PROGRAM		2,766,854				256,554		3,023,408
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement of Ammunition, Air Force, 2022/2024 (3011F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Ammunition								
01 Rockets		36,597				-25		36,572
FY 2022 Appropriated Base		36,597				-25		36,572
2 / Excess to need - warhead SMK M156						-25		
01 Cartridges		169,163				-7,246		161,917
FY 2022 Appropriated Base		169,163				-7,246		161,917
2 / Quantities previously funded - A165 cartridge 7.62MM M80						-1,650		
2 / Quantities previously funded - AA24 20MM, TP PGU-27 A/B						-3,197		
2 / Excess to need - BA54						-2,399		
01 Practice Bombs		48,745						48,745
FY 2022 Appropriated Base		48,745						48,745
01 General Purpose Bombs		176,565				-15,589		160,976
FY 2022 Appropriated Base		176,565				-15,589		160,976
2 / Quantities previously funded - BLU-136/B 2000LB GP Bomb						-15,589		
01 Massive Ordnance Penetrator (MOP)		15,500						15,500
FY 2022 Appropriated Base		15,500						15,500
01 Joint Direct Attack Munition	1,919	124,102			-739	-75,518	1,180	48,584
FY 2022 Appropriated Base	1,919	124,102			-739	-75,518	1,180	48,584
2,4 / Prior year carryover - JDAM tail kits					-739	-75,518		
01 B-61		2,709						2,709
FY 2022 Appropriated Base		2,709						2,709
01 Cad/Pad		47,210				11,800		59,010
FY 2022 Appropriated Base		47,210				11,800		59,010
1 / Program increase - CAD/PAD safety improvements						11,800		
01 Explosive Ordnance Disposal (EOD)		6,151				-1,000		5,151
FY 2022 Appropriated Base		6,151				-1,000		5,151
2 / Excess to need - CTG, 50 CAL Elec Blank MK201 MOD 1						-500		
2 / Excess to need - M031 CHG Demo TNT 1/2 LB						-500		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:						Fiscal Year Program:			
Procurement of Ammunition, Air Force, 2022/2024 (3011F)						2022			
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01	Spares And Repair Parts		535						535
	FY 2022 Appropriated Base		535						535
01	Modifications		292						292
	FY 2022 Appropriated Base		292						292
01	Items Less Than \$5,000,000		9,164						9,164
	FY 2022 Appropriated Base		9,164						9,164
01	Flares		95,297				-9,363		85,934
	FY 2022 Appropriated Base		95,297				-9,363		85,934
	2 / Excess to need - LA85 MJU-75 flare						-9,363		
01	Fuzes		50,795				-30,000		20,795
	FY 2022 Appropriated Base		50,795				-30,000		20,795
	2 / Early to need - C-HOBS						-25,000		
	2 / Reduce carryover - FMU-139D/B						-5,000		
Subtotal Budget Activity 01: Ammunition			782,825				-126,941		655,884
Budget Activity 02: Weapons									
02	Small Arms		12,343				-2,250		10,093
	FY 2022 Appropriated Base		12,343				-2,250		10,093
	2 / Hold for price adjustments excess growth						-2,250		
Subtotal Budget Activity 02: Weapons			12,343				-2,250		10,093
Grand Total Procurement of Ammunition, Air Force, 2022/2024			795,168				-129,191		665,977
Financing									
APPROPRIATION, P.L. 117-103 (Base)			795,168				-129,191		665,977
TOTAL FINANCING - FY 2022 PROGRAM			795,168				-129,191		665,977
Footnotes:									
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.									
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.									
4 / Decrease in quantity reflects congressional action.									
For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.									

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Air Force, 2022/2024 (3080F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Vehicular Equipment								
02 Passenger Carrying Vehicles		8,448						8,448
FY 2022 Appropriated Base		8,448						8,448
02 Medium Tactical Vehicle		5,804						5,804
FY 2022 Appropriated Base		5,804						5,804
02 Cap Vehicles		1,066				734		1,800
FY 2022 Appropriated Base		1,066				734		1,800
1 / Program increase - Civil Air Patrol						734		
02 Cargo and Utility Vehicles		57,459						57,459
FY 2022 Appropriated Base		57,459						57,459
02 Joint Light Tactical Vehicle		97,326				-6,742		90,584
FY 2022 Appropriated Base		97,326				-6,742		90,584
2 / JLRV and trailers unit cost adjustments						-6,742		
02 Security And Tactical Vehicles		488				5,600		6,088
FY 2022 Appropriated Base		488				5,600		6,088
1 / Program increase - HMMWV modernization program						5,600		
02 Special Purpose Vehicles		75,694				2,000		77,694
FY 2022 Appropriated Base		75,694				2,000		77,694
1 / Program increase - special purpose vehicles						2,000		
02 Fire Fighting/Crash Rescue Vehicles		12,525						12,525
FY 2022 Appropriated Base		12,525						12,525
02 Materials Handling Vehicles		34,933				2,270		37,203
FY 2022 Appropriated Base		34,933				2,270		37,203
Air Force requested transfer from OM.AF line 11R						2,270		
02 Runway Snow Remov And Cleaning Equ		9,134						9,134
FY 2022 Appropriated Base		9,134						9,134
02 Base Maintenance Support Vehicles		111,820				-8,092		103,728
FY 2022 Appropriated Base		111,820				-8,092		103,728
2 / Base vehicle replacement funding carryover						-8,092		
Subtotal Budget Activity 02: Vehicular Equipment		414,697				-4,230		410,467

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Air Force, 2022/2024 (3080F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Electronics and Telecommunications Equip								
03 Comsec Equipment		66,022						66,022
FY 2022 Appropriated Base		66,022						66,022
03 Strategic Microelectronic Supply System		885,051						885,051
FY 2022 Appropriated Base		885,051						885,051
03 International Intel Tech & Architectures		5,809						5,809
FY 2022 Appropriated Base		5,809						5,809
03 Intelligence Training Equipment		5,719						5,719
FY 2022 Appropriated Base		5,719						5,719
03 Intelligence Comm Equipment		25,844						25,844
FY 2022 Appropriated Base		25,844						25,844
03 Air Traffic Control & Landing Sys		44,516				-3,843		40,673
FY 2022 Appropriated Base		44,516				-3,843		40,673
2 / Deployable instrument Landing System (D-ILS) contractor services and support early to need						-1,471		
2 / Deployable Radar Approach Control (D-RAPCON) contractor services early to need						-2,372		
03 Battle Control System - Fixed		2,940						2,940
FY 2022 Appropriated Base		2,940						2,940
03 Theater Air Control Sys Improvemen		43,442						43,442
FY 2022 Appropriated Base		43,442						43,442
03 3D Expeditionary Long-Range Radar		96,186						96,186
FY 2022 Appropriated Base		96,186						96,186
03 Weather Observation Forecast		32,376						32,376
FY 2022 Appropriated Base		32,376						32,376
03 Strategic Command And Control		37,950				212		38,162
FY 2022 Appropriated Base		37,950				212		38,162
Transfer from RDTE,AF line 317						212		
03 Cheyenne Mountain Complex		8,258						8,258
FY 2022 Appropriated Base		8,258						8,258
03 Mission Planning Systems		14,717						14,717
FY 2022 Appropriated Base		14,717						14,717
03 General Information Technology		43,917				30,530		74,447
FY 2022 Appropriated Base		43,917				30,530		74,447
1 / Program increase - INDOPACOM Mission Partner Environment						30,530		
03 Af Global Command & Control Sys		414						414
FY 2022 Appropriated Base		414						414

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Air Force, 2022/2024 (3080F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03 Mobility Command And Control		10,619						10,619
FY 2022 Appropriated Base		10,619						10,619
03 Air Force Physical Security System		101,896						101,896
FY 2022 Appropriated Base		101,896						101,896
03 Combat Training Ranges		222,598				120,490		343,088
FY 2022 Appropriated Base		222,598				120,490		343,088
1 / Program increase - simplified planning execution analysis and reconstruction						5,000		
1 / ARTS-V1 full funding						14,730		
1 / Program increase - P6CTS (TCT II) ground system						2,460		
1 / Program increase - AESA radar characterization for test infrastructure						23,000		
1 / Program increase - C-band and S-band radar emulator upgrade for test infrastructure						75,300		
03 Combat Training Ranges Advance Procurement (CY)		14,730				-14,730		
FY 2022 Appropriated Base		14,730				-14,730		
2 / Unjustified request						-14,730		
03 Minimum Essential Emergency Comm N		77,119				-11,793		65,326
FY 2022 Appropriated Base		77,119				-11,793		65,326
2 / GASNTi1 ICS excess growth						-9,035		
2 / GASNTi1 fixed revised budget estimate						-800		
2 / Installation travel early to need						-1,958		
03 Wide Area Surveillance (WAS)		38,794						38,794
FY 2022 Appropriated Base		38,794						38,794
03 C3 Countermeasures		131,238				-11,603		119,635
FY 2022 Appropriated Base		131,238				-11,603		119,635
2 / Air Force Cyber Defense insufficient budget justification						-11,603		
03 Integrated Personnel and Pay System		15,240						15,240
FY 2022 Appropriated Base		15,240						15,240
03 GCSS-AF Fos		3,959						3,959
FY 2022 Appropriated Base		3,959						3,959
03 Maintenance Repair & Overhaul Initiative		4,387						4,387
FY 2022 Appropriated Base		4,387						4,387
03 Theater Battle Mgt C2 System		4,052						4,052
FY 2022 Appropriated Base		4,052						4,052

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Air Force, 2022/2024 (3080F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03 Air & Space Operations Center (AOC)		2,224				20,795		23,019
FY 2022 Appropriated Base		2,224				20,795		23,019
Transfer from RDTE,AF line 318						20,795		
03 Base Information Transpnt Infrast (BITI) Wired		58,499						58,499
FY 2022 Appropriated Base		58,499						58,499
03 AFNET		65,354						65,354
FY 2022 Appropriated Base		65,354						65,354
03 Joint Communications Support Element (JCSE)		4,377						4,377
FY 2022 Appropriated Base		4,377						4,377
03 USCENTCOM		18,101						18,101
FY 2022 Appropriated Base		18,101						18,101
03 USSTRATCOM		4,226						4,226
FY 2022 Appropriated Base		4,226						4,226
03 Tactical C-E Equipment		162,955				-5,138		157,817
FY 2022 Appropriated Base		162,955				-5,138		157,817
2 / Excess growth						-5,138		
03 Radio Equipment		14,232						14,232
FY 2022 Appropriated Base		14,232						14,232
03 Base Comm Infrastructure		200,797				750		201,547
FY 2022 Appropriated Base		200,797				750		201,547
1 / Program increase - land mobile radios						750		
03 Comm Elect Mods		18,607						18,607
FY 2022 Appropriated Base		18,607						18,607
03 Integrated Strat Plan & Analy Network (ISPAN)						4,845		4,845
FY 2022 Appropriated Base						4,845		4,845
Transfer from RDTE,AF line 317						4,845		
03 Defense Enterprise Accounting & Mgt Sys						3,103		3,103
FY 2022 Appropriated Base						3,103		3,103
Transfer from RDTE,AF line 319						3,103		
Subtotal Budget Activity 03: Electronics and Telecommunications Equip		2,487,165				133,618		2,620,783

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Other Procurement, Air Force, 2022/2024 (3080F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Other Base Maintenance and Support Equip								
04 Personal Safety and Rescue Equipment		106,449				-36,662		69,787
FY 2022 Appropriated Base		106,449				-36,662		69,787
2 / NGES ahead of need						-36,662		
04 Power Conditioning Equipment		11,274						11,274
FY 2022 Appropriated Base		11,274						11,274
04 Mechanized Material Handling Equip		8,594						8,594
FY 2022 Appropriated Base		8,594						8,594
04 Base Procured Equipment		1				30,999		31,000
FY 2022 Appropriated Base		1				30,999		31,000
1 / Program increase - modular small arms ranges only for Air National Guard						25,000		
1 / Program increase - civil engineering survey equipment						6,000		
2 / Programming error						-1		
04 Engineering and EOD Equipment		32,139						32,139
FY 2022 Appropriated Base		32,139						32,139
04 Mobility Equipment		63,814						63,814
FY 2022 Appropriated Base		63,814						63,814
04 Fuels Support Equipment (FSE)		17,928						17,928
FY 2022 Appropriated Base		17,928						17,928
04 Base Maintenance and Support Equipment		48,534				-9,467		39,067
FY 2022 Appropriated Base		48,534				-9,467		39,067
2 / Trailers early to need						-9,467		
04 DARP RC135		27,359						27,359
FY 2022 Appropriated Base		27,359						27,359
04 DCGS-AF		261,070						261,070
FY 2022 Appropriated Base		261,070						261,070
04 Special Update Program		777,652				159,000		936,652
FY 2022 Appropriated Base		777,652				159,000		936,652
1 / Classified adjustment						159,000		
04 Classified Programs		20,983,908				1,304,377		22,288,285
FY 2022 Appropriated Base		20,983,908				1,090,684		22,074,592
1 / Classified adjustment						1,090,684		
Ukrainian Supplemental, Division N of P.L. 117-103						213,693		213,693
Ukraine Assistance Supplemental (Div. N)						213,693		
Subtotal Budget Activity 04: Other Base Maintenance and Support Equip		22,338,722				1,448,247		23,786,969

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Other Procurement, Air Force, 2022/2024 (3080F)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 05: Spares and Repair Parts								
05 Spares and Repair Parts (Cyber)		978						978
FY 2022 Appropriated Base		978						978
05 Spares And Repair Parts		9,575						9,575
FY 2022 Appropriated Base		9,575						9,575
Subtotal Budget Activity 05: Spares and Repair Parts		10,553						10,553
Grand Total Other Procurement, Air Force, 2022/2024		25,251,137				1,577,635		26,828,772
Financing								
APPROPRIATION, P.L. 117-103 (Base) Ukrainian Supplemental, Division N of P.L. 117-103		25,251,137				1,363,942 213,693		26,615,079 213,693
TOTAL FINANCING - FY 2022 PROGRAM		25,251,137				1,577,635		26,828,772
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 01: Basic Research								
01 0601102F Defense Research Sciences		328,303				25,000		353,303
FY 2022 Appropriated Base		328,303				25,000		353,303
1 / Program increase - basic research						25,000		
01 0601103F University Research Initiatives		162,403				25,000		187,403
FY 2022 Appropriated Base		162,403				25,000		187,403
1 / Program increase - Defense university research instrumentation program						25,000		
Subtotal Budget Activity 01: Basic Research		490,706				50,000		540,706
Budget Activity 02: Applied Research								
02 0602020F Future AF Capabilities Applied Research		79,901						79,901
FY 2022 Appropriated Base		79,901						79,901
02 0602102F Materials		113,460				107,500		220,960
FY 2022 Appropriated Base		113,460				107,500		220,960
1 / Program increase - born qualified additive manufacturing						20,000		
1 / Program increase - deployable passive cooling						5,000		
1 / Program increase - digital maintenance advisor demonstration for F-16						5,000		
1 / Program increase = failure prediction in material models						5,000		
1 / Program increase - nano-bio technologies for aeromedical and en route care						10,000		
1 / Program increase - additive manufacturing of alloys						10,000		
1 / Program increase - high energy synchrotron x-ray research						8,500		
1 / Program increase - photonic radio frequency CM						10,000		
1 / Program increase - stealth aircraft coatings research						4,000		
1 / Program increase - thermal protection for hypersonic vehicles						10,000		
1 / Program increase - coating technologies to reduce lifecycle costs						5,000		
1 / Program increase - maturation of carbon-carbon thermal protection systems						5,000		
1 / Program increase - high and ultra-high temperature ceramic-matrix composites for hypersonics						10,000		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	0602201F	Aerospace Vehicle Technologies		163,032				20,000		183,032
		FY 2022 Appropriated Base		163,032				20,000		183,032
	1	/ Program increase - educational partnership agreement for secure UAV technologies						10,000		
	1	/ Program increase - collaborative hypersonic demonstration						10,000		
02	0602202F	Human Effectiveness Applied Research		136,273				20,590		156,863
		FY 2022 Appropriated Base		136,273				20,590		156,863
	1	/ Program increase - F-35 helmet mounted display system tech refresh and weight reduction						9,590		
	1	/ Program increase - pilot hypoxia detection and notification						7,000		
	1	/ Program increase - special tactics support assessment						4,000		
02	0602203F	Aerospace Propulsion		174,683				16,000		190,683
		FY 2022 Appropriated Base		174,683				16,000		190,683
	1	/ Program increase - modular open system architecture for turbine engine technology						6,000		
	1	/ Program increase - small business research for rocket technology						5,000		
	1	/ Program increase - emergency power and cooling thermal management growth						5,000		
02	0602204F	Aerospace Sensors		193,514				62,404		255,918
		FY 2022 Appropriated Base		193,514				62,404		255,918
	1	/ Program increase - exploitation detection for flexible combat avionics						5,000		
	1	/ Program increase - low cost sensors for UAVs						5,000		
	1	/ Program increase - zero-trust environment for semi-conductor technology						10,000		
	1	/ Program increase - extreme wideband RF sensor						19,000		
	1	/ Program increase - reliability of combat cloud communications systems						7,000		
	1	/ Program increase - hardware-based oversight system for microelectronic endpoints						6,000		
	1	/ Program increase - enhanced security sensors to detect threats in near and far field emissions						5,000		
		Air Force requested transfer from RDTE,SF line 1 for civilian pay						5,404		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	0602298F	Science and Technology Management - Major Headquarters Activities	8,891						8,891
		FY 2022 Appropriated Base	8,891						8,891
02	0602602F	Conventional Munitions	151,757						151,757
		FY 2022 Appropriated Base	151,757						151,757
02	0602605F	Directed Energy Technology	121,869				-5,413		116,456
		FY 2022 Appropriated Base	121,869				-5,413		116,456
		Air Force requested transfer to RDTE,SF line 1 for civilian pay					-5,413		
02	0602788F	Dominant Information Sciences and Methods	169,110				52,000		221,110
		FY 2022 Appropriated Base	169,110				52,000		221,110
	1 /	Program increase - quantum network testbed					10,000		
	1 /	Program increase - photonic quantum computing					25,000		
	1 /	Program increase - quantum internet battlefield					7,000		
	1 /	Program increase - ion trap quantum computing					10,000		
Subtotal Budget Activity 02: Applied Research			1,312,490				273,081		1,585,571
Budget Activity 03: Advanced Technology Development									
03	0603032F	Future AF Integrated Technology Demos	131,643				-19,000		112,643
		FY 2022 Appropriated Base	131,643				-19,000		112,643
	2 /	Program growth - Rocket Cargo					-19,000		
03	0603112F	Advanced Materials for Weapon Systems	31,905				31,473		63,378
		FY 2022 Appropriated Base	31,905				31,473		63,378
	1 /	Program increase - metals affordability research					10,000		
	1 /	Program increase - polymer printing technology for additive manufacturing					5,000		
	1 /	Program increase - certification for advanced materials					15,000		
	1 /	Program increase - laser protective eyewear					1,800		
	2 /	Transformational technology development lack of justification					-327		
03	0603199F	Sustainment Science and Technology (S&T)	21,057				-1,945		19,112
		FY 2022 Appropriated Base	21,057				-1,945		19,112
	2 /	Transformational technology development lack of justification					-1,945		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603203F	Advanced Aerospace Sensors		44,730				9,020		53,750
		FY 2022 Appropriated Base		44,730				9,020		53,750
	1 /	Program increase - software verification and validation for autonomous sensors						9,300		
	2 /	Transformational technology development lack of justification						-1,014		
		Air Force requested transfer from RDTE,SF line 2						734		
03	0603211F	Aerospace Technology Dev/Demo		70,486				35,000		105,486
		FY 2022 Appropriated Base		70,486				35,000		105,486
	1 /	Program increase - heavy fuel engine hybrid electric ducted fan advanced propulsion						15,000		
	1 /	Program increase - small unit autonomous UAS resupply						20,000		
03	0603216F	Aerospace Propulsion and Power Technology		75,273				35,000		110,273
		FY 2022 Appropriated Base		75,273				35,000		110,273
	1 /	Program increase - domestic manufacturing of solid state power controllers						10,000		
	1 /	Program increase - silicon carbide research						10,000		
	1 /	Program increase = hypersonic liquid rocket propulsion						10,000		
	1 /	Program increase - altitude chamber infrastructure upgrades						5,000		
03	0603270F	Electronic Combat Technology		46,591				-1,653		44,938
		FY 2022 Appropriated Base		46,591				-1,653		44,938
	2 /	Transformational technology development -EW quick reaction capabilities lack of justification						-1,517		
	2 /	Transformational technology development - RF warning and countermeasures technology lack of justification						-136		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603456F	Human Effectiveness Advanced Technology Development		24,589				-1,130		23,459
		FY 2022 Appropriated Base		24,589				-1,130		23,459
	2 /	Transformational technology development - directed energy bioeffects parameters lack of justification						-240		
	2 /	Transformational technology development - human dynamics and terrain demonstration lack of justification						-308		
	2 /	Transformational technology development - mission effective performance lack of justification						-411		
	2 /	Transformational technology development - warfighter interfaces lack of justification						-171		
03	0603601F	Conventional Weapons Technology		157,423				-2,117		155,306
		FY 2022 Appropriated Base		157,423				-2,117		155,306
	2 /	Transformational component lack of justification						-2,117		
03	0603605F	Advanced Weapons Technology		28,258				3,597		31,855
		FY 2022 Appropriated Base		28,258				3,597		31,855
	1 /	Program increase - LIDAR CUAS automated target recognition						5,000		
	2 /	Transformational technology development - high power solid state laser technology lack of justification						-188		
	2 /	Transformational technology development - high power microwave development and integration lack of justification						-1,215		
03	0603680F	Manufacturing Technology Program		45,259				130,941		176,200
		FY 2022 Appropriated Base		45,259				130,941		176,200
	1 /	Program increase - academic-industry partnerships for advanced materials and manufacturing processes						6,000		
	1 /	Program increase - adaptive modeling for low-cost titanium						5,000		
	1 /	Program increase - beryllium additive manufacturing						3,000		
	1 /	Program increase - component 3D online demonstration						10,000		
	1 /	Program increase - flexible thermal protection systems for hypersonics						10,000		
	1 /	Program increase - hybrid manufacturing for rapid tooling and repair						10,000		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
1 / Program increase - massive area additive manufacturing						10,000		
1 / Program increase - MRO advanced process technology development						10,000		
1 / Program increase - sustainment and modernization research and development						10,000		
1 / Program increase - technologies to repair fastener holes						5,000		
1 / Program increase - thermoplastic material systems						4,751		
1 / Program increase - virtual augmented mixed reality readiness						8,000		
1 / Program increase = affordable manufacture of resistive films						10,000		
1 / Program increase - automated fiber placement for composite structures						5,000		
1 / Program increase - rapid large format metal additive manufacturing to optimize scramjet production						5,000		
1 / Program increase - universal robotic controller						6,000		
1 / Program increase - manufacturing technology for reverse engineering						5,000		
1 / Program increase - hypersonics supply chain research						10,000		
2 / Manufacturing for transformational technologies lack of justification						-1,810		
03 0603788F Battlespace Knowledge Development and Demonstration		56,772				15,366		72,138
FY 2022 Appropriated Base		56,772				15,366		72,138
1 / Program increase - assured communication and networks						10,000		
1 / Project increase - development of cybersecurity methodologies						2,990		
1 / Project increase - Skydome trusted Smart-X experimentation environment						200		
1 / Program increase - command and control capability development and deployment						5,000		
2 / Transformational technology development - battlespace development and demonstration lack of justification						-2,011		
2 / Transformational technology development - cyber battlespace development and demonstration lack of justification						-813		
Subtotal Budget Activity 03: Advanced Technology Development		733,986				234,552		968,538

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Advanced Component Development & Prototypes								
04 0603260F Intelligence Advanced Development		5,795						5,795
FY 2022 Appropriated Base		5,795						5,795
04 0603742F Combat Identification Technology		21,939						21,939
FY 2022 Appropriated Base		21,939						21,939
04 0603790F NATO Research and Development		4,114						4,114
FY 2022 Appropriated Base		4,114						4,114
04 0603851F Intercontinental Ballistic Missile - Dem/Val		49,621				27,000		76,621
FY 2022 Appropriated Base		49,621				27,000		76,621
1 / Program increase - ICBM mission enhancements						27,000		
04 0604001F NC3 Advanced Concepts		6,900						6,900
FY 2022 Appropriated Base		6,900						6,900
04 0604002F Air Force Weather Services Research		986				2,869		3,855
FY 2022 Appropriated Base		986				2,869		3,855
1 / Program increase - drought warning system						2,869		
04 0604003F Advanced Battle Management System (ABMS)		203,849				65,000		268,849
FY 2022 Appropriated Base		203,849				65,000		268,849
1 / Program increase						15,000		
1 / Program increase - digital infrastructure						50,000		
04 0604004F Advanced Engine Development		123,712				460,000		583,712
FY 2022 Appropriated Base		123,712				460,000		583,712
1 / Program increase - AETP						460,000		
04 0604006F Architecture Initiatives		82,438				-57,300		25,138
FY 2022 Appropriated Base		82,438				-57,300		25,138
2 / Architecture design and integration excess to need						-4,000		
2 / Architecture demonstration and evaluation excess to need						-53,300		
04 0604015F Long Range Strike - Bomber		2,872,624						2,872,624
FY 2022 Appropriated Base		2,872,624						2,872,624
04 0604032F Directed Energy Prototyping		10,820				5,000		15,820
FY 2022 Appropriated Base		10,820				5,000		15,820
1 / Program increase - HEL prototype with advanced thermal and power technology						5,000		
04 0604033F Hypersonics Prototyping		438,378				-119,691		318,687
FY 2022 Appropriated Base		438,378				-119,691		318,687
Transfer ARRW funding to new line 43A						-238,262		
Transfer HACM funding to new line 43B						-200,116		
Transfer from line 43 for greater transparency and budget discipline						238,262		
Transfer from MP,AF line 4 for testing shortfall						80,425		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0604201F	PNT Resiliency, Mods, and Improvements	39,742						39,742
		FY 2022 Appropriated Base	39,742						39,742
04	0604257F	Advanced Technology and Sensors	23,745						23,745
		FY 2022 Appropriated Base	23,745						23,745
04	0604288F	Survivable Airborne Operations Center	133,253				-37,465		95,788
		FY 2022 Appropriated Base	133,253				-37,465		95,788
		Air Force requested transfer to line 240 for common VLF/LF receiver incr 2					-37,465		
04	0604317F	Technology Transfer	15,768				41,000		56,768
		FY 2022 Appropriated Base	15,768				41,000		56,768
	1 /	Program increase - technology transfer					7,000		
	1 /	Program increase - academic partnership intermediary agreements					10,000		
	1 /	Program increase - partnership intermediary agreements					4,000		
	1 /	Program increase - digital part transformation to support operational readiness					20,000		
04	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	15,886				-3,000		12,886
		FY 2022 Appropriated Base	15,886				-3,000		12,886
	2 /	Unexecuted prior year balances					-3,000		
04	0604414F	Cyber Resiliency of Weapon Systems-ACS	71,229						71,229
		FY 2022 Appropriated Base	71,229						71,229
04	0604776F	Deployment & Distribution Enterprise R&D	40,103						40,103
		FY 2022 Appropriated Base	40,103						40,103
04	0604858F	Tech Transition Program	343,545				25,500		369,045
		FY 2022 Appropriated Base	343,545				25,500		369,045
	1 /	Program increase - additive metals manufacturing					10,000		
	1 /	Program increase - Agility Prime					54,000		
	1 /	Program increase - logistics enhancements					4,000		
	1 /	Program increase - autonomous air combat operations					10,000		
	1 /	Program increase - alternative PNT phase III demonstration					4,000		
	2 /	Prototyping program growth					-11,500		
	2 /	MC-130 amphibious capability experimentation					-11,000		
		Transfer to line 51A operational energy efforts					-34,000		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0605230F	Ground Based Strategic Deterrent		2,553,541						2,553,541
		FY 2022 Appropriated Base		2,553,541						2,553,541
04	0207110F	Next Generation Air Dominance		1,524,667						1,524,667
		FY 2022 Appropriated Base		1,524,667						1,524,667
04	0207522F	Airbase Air Defense Systems (ABADS)		10,905						10,905
		FY 2022 Appropriated Base		10,905						10,905
04	0208030F	War Reserve Materiel - Ammunition		3,943						3,943
		FY 2022 Appropriated Base		3,943						3,943
04	0305236F	Common Data Link Executive Agent (CDL EA)		43,881						43,881
		FY 2022 Appropriated Base		43,881						43,881
04	0305601F	Mission Partner Environments		16,420						16,420
		FY 2022 Appropriated Base		16,420						16,420
04	0306250F	Cyber Operations Technology Support		242,499				39,719		282,218
		FY 2022 Appropriated Base		242,499						242,499
		Ukrainian Supplemental, Division N of P.L. 117-103						39,719		39,719
		Ukraine Assistance Supplemental (Div. N)						39,719		
04	0306415F	Enabled Cyber Activities		16,578				7,781		24,359
		FY 2022 Appropriated Base		16,578						16,578
		Ukrainian Supplemental, Division N of P.L. 117-103						7,781		7,781
		Ukraine Assistance Supplemental (Div. N)						7,781		
04	0901410F	Contracting Information Technology System		20,343						20,343
		FY 2022 Appropriated Base		20,343						20,343
04	0604183F	Hypersonics Prototyping - Hypersonic Attack Cruise Missile (HACM)						190,116		190,116
		FY 2022 Appropriated Base						190,116		190,116
	2 /	HACM ahead of need						-10,000		
		Transfer from line 43 for greater transparency and budget discipline						200,116		
04	0604860F	Operational Energy and Installation Resilience						104,000		104,000
		FY 2022 Appropriated Base						104,000		104,000
	1 /	Program increase - energy and climate resilience						70,000		
		Transfer from line 51 for operational energy efforts						34,000		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0708051F	Rapid Sustainment Modernization						55,000		55,000
		FY 2022 Appropriated Base						55,000		55,000
	1 /	Program increase - additive manufacturing with integrated digital engineering						5,000		
	1 /	Program increase - additive manufacturing						16,000		
	1 /	Program increase - research and rapid repair and sustainability						6,000		
	1 /	Program increase - laser metal deposition powder for turbine engine component restoration						13,000		
	1 /	Program increase - air frame additive manufacturing						15,000		
Subtotal Budget Activity 04: Advanced Component Development & Prototypes				8,937,224				805,529		9,742,753
Budget Activity 05: System Development & Demonstration										
05	0604200F	Future Advanced Weapon Analysis & Programs		23,499				-5,000		18,499
		FY 2022 Appropriated Base		23,499				-5,000		18,499
	2 /	Underexecution						-5,000		
05	0604201F	PNT Resiliency, Mods, and Improvements		167,520				-4,000		163,520
		FY 2022 Appropriated Base		167,520				-4,000		163,520
	2 /	Reduce program growth						-4,000		
05	0604222F	Nuclear Weapons Support		30,050						30,050
		FY 2022 Appropriated Base		30,050						30,050
05	0604270F	Electronic Warfare Development		2,110				5,000		7,110
		FY 2022 Appropriated Base		2,110				5,000		7,110
	1 /	Program increase - next generation ultra wideband receiver for radar jammer						5,000		
05	0604281F	Tactical Data Networks Enterprise		169,836				-10,000		159,836
		FY 2022 Appropriated Base		169,836				-10,000		159,836
	2 /	Underexecution						-10,000		
05	0604287F	Physical Security Equipment		8,469						8,469
		FY 2022 Appropriated Base		8,469						8,469
05	0604602F	Armament/Ordnance Development		9,047						9,047
		FY 2022 Appropriated Base		9,047						9,047
05	0604604F	Submunitions		2,954						2,954
		FY 2022 Appropriated Base		2,954						2,954

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0604617F	Agile Combat Support		16,603				11,335		27,938
		FY 2022 Appropriated Base		16,603				11,335		27,938
	1 /	Program increase - airfield sustainment and damage recovery technologies						5,000		
	1 /	Program increase - carbon materials						3,000		
	1 /	Program increase - modern timber products for expeditionary construction						5,000		
	2 /	Contract award delays						-1,665		
05	0604706F	Life Support Systems		25,437						25,437
		FY 2022 Appropriated Base		25,437						25,437
05	0604735F	Combat Training Ranges		23,980						23,980
		FY 2022 Appropriated Base		23,980						23,980
05	0604932F	Long Range Standoff Weapon		609,042				-10,000		599,042
		FY 2022 Appropriated Base		609,042				-10,000		599,042
	2 /	Rephase funds for EMD contract award						-10,000		
05	0604933F	ICBM Fuze Modernization		129,709						129,709
		FY 2022 Appropriated Base		129,709						129,709
05	0605056F	Open Architecture Management		37,109						37,109
		FY 2022 Appropriated Base		37,109						37,109
05	0605221F	KC-46		1				-1		
		FY 2022 Appropriated Base		1				-1		
	2 /	Programming error						-1		
05	0605223F	Advanced Pilot Training		188,898						188,898
		FY 2022 Appropriated Base		188,898						188,898
05	0605229F	HH-60W		66,355				-4,100		62,255
		FY 2022 Appropriated Base		66,355				-4,100		62,255
	2 /	Contract award delays						-4,100		
05	0207171F	F-15 EPAWSS		112,012						112,012
		FY 2022 Appropriated Base		112,012						112,012
05	0207328F	Stand In Attack Weapon		166,570						166,570
		FY 2022 Appropriated Base		166,570						166,570
05	0207701F	Full Combat Mission Training		7,064				5,000		12,064
		FY 2022 Appropriated Base		7,064				5,000		12,064
	1 /	Program increase - airborne augmented reality for pilot training						5,000		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:						Fiscal Year Program:				
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022				
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	0401221F	KC-46A Tanker Squadrons		73,458				-6,700		66,758
		FY 2022 Appropriated Base		73,458				-6,700		66,758
	2 /	Underexecution						-6,700		
05	0401319F	VC-25B		680,665				-25,000		655,665
		FY 2022 Appropriated Base		680,665				-25,000		655,665
	2 /	Program delays						-25,000		
05	0701212F	Automated Test Systems		15,445						15,445
		FY 2022 Appropriated Base		15,445						15,445
05	0804772F	Training Developments		4,482				-2,000		2,482
		FY 2022 Appropriated Base		4,482				-2,000		2,482
	2 /	Underexecution						-2,000		
Subtotal Budget Activity 05: System Development & Demonstration				2,570,315				-45,466		2,524,849
Budget Activity 06: Management Support										
06	0604256F	Threat Simulator Development		41,909				5,000		46,909
		FY 2022 Appropriated Base		41,909				5,000		46,909
	1 /	Program increase - commercial physics-based modeling and simulation technology						5,000		
06	0604759F	Major T&E Investment		130,766						130,766
		FY 2022 Appropriated Base		130,766						130,766
06	0605101F	RAND Project Air Force		36,017						36,017
		FY 2022 Appropriated Base		36,017						36,017
06	0605712F	Initial Operational Test & Evaluation		12,582						12,582
		FY 2022 Appropriated Base		12,582						12,582
06	0605807F	Test and Evaluation Support		811,032						811,032
		FY 2022 Appropriated Base		811,032						811,032
06	0605827F	Acq Workforce- Global Vig & Combat Sys		243,796				24,123		267,919
		FY 2022 Appropriated Base		243,796				24,123		267,919
		Air Force requested realignment						24,123		
06	0605828F	Acq Workforce- Global Reach		435,930				-6,271		429,659
		FY 2022 Appropriated Base		435,930				-6,271		429,659
		Air Force requested realignment						-6,271		
06	0605829F	Acq Workforce- Cyber, Network, & Bus Sys		435,274				4,297		439,571
		FY 2022 Appropriated Base		435,274				4,297		439,571
	1 /	Program increase - business enterprise systems product innovation						4,000		
		Air Force requested realignment						297		

Base for Reprogramming Actions										
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Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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06	0605831F	Acq Workforce- Capability Integration		243,806				19,208		263,014
		FY 2022 Appropriated Base		243,806				19,208		263,014
		Air Force requested realignment						19,208		
06	0605832F	Acq Workforce- Advanced Prgm Technology		103,041				-40,286		62,755
		FY 2022 Appropriated Base		103,041				-40,286		62,755
		Air Force requested realignment						-40,286		
06	0605833F	Acq Workforce- Nuclear Systems		226,055				1,370		227,425
		FY 2022 Appropriated Base		226,055				1,370		227,425
		Air Force requested realignment						1,370		
06	0605898F	Management HQ - R&D		4,079				1,458		5,537
		FY 2022 Appropriated Base		4,079				1,458		5,537
		Air Force requested realignment						1,458		
06	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support		70,788						70,788
		FY 2022 Appropriated Base		70,788						70,788
06	0605978F	Facilities Sustainment - Test and Evaluation Support		30,057						30,057
		FY 2022 Appropriated Base		30,057						30,057
06	0606017F	Requirements Analysis and Maturation		85,799				5,000		90,799
		FY 2022 Appropriated Base		85,799				5,000		90,799
	1 /	Program increase - nuclear modernization analytics						10,000		
	2 /	Prior year carryover						-5,000		
06	0606398F	Management HQ - T&E		6,163						6,163
		FY 2022 Appropriated Base		6,163						6,163
06	0303166F	Support to Information Operations (IO) Capabilities		537						537
		FY 2022 Appropriated Base		537						537
06	0303255F	Command, Control, Communication, and Computers (C4) - STRATCOM		25,340				10,000		35,340
		FY 2022 Appropriated Base		25,340				10,000		35,340
	1 /	Program increase - NC3 rapid engineering architecture collaboration hub						10,000		
06	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)		28,720				-2,000		26,720
		FY 2022 Appropriated Base		28,720				-2,000		26,720
	2 /	Reduce program growth						-2,000		
06	0702806F	Acquisition and Management Support		37,211						37,211
		FY 2022 Appropriated Base		37,211						37,211

Base for Reprogramming Actions								
(Dollars in Thousands)								
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Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
06 0804731F General Skill Training		1,506						1,506
FY 2022 Appropriated Base		1,506						1,506
06 0804772F Training Developments		2,957						2,957
FY 2022 Appropriated Base		2,957						2,957
06 1001004F International Activities		2,420						2,420
FY 2022 Appropriated Base		2,420						2,420
06 1206864F Space Test Program (STP)		3						3
FY 2022 Appropriated Base		3						3
Subtotal Budget Activity 06: Management Support		3,015,788				21,899		3,037,687
Budget Activity 07: Operational Systems Development								
07 0604233F Specialized Undergraduate Flight Training		5,509				3,080		8,589
FY 2022 Appropriated Base		5,509				3,080		8,589
1 / Program increase - PRIME desktop trainer						3,080		
07 0604445F Wide Area Surveillance		2,760						2,760
FY 2022 Appropriated Base		2,760						2,760
07 0604840F F-35 C2D2		985,404				120,000		1,105,404
FY 2022 Appropriated Base		985,404				120,000		1,105,404
1 / Program increase - F-135 engine enhancement						120,000		
07 0605018F AF Integrated Personnel and Pay System (AF-IPPS)		22,010						22,010
FY 2022 Appropriated Base		22,010						22,010
07 0605024F Anti-Tamper Technology Executive Agency		51,492						51,492
FY 2022 Appropriated Base		51,492						51,492
07 0605117F Foreign Materiel Acquisition and Exploitation		71,391						71,391
FY 2022 Appropriated Base		71,391						71,391
07 0605278F HC/MC-130 Recap RDT&E		46,796						46,796
FY 2022 Appropriated Base		46,796						46,796
07 0606018F NC3 Integration		26,532						26,532
FY 2022 Appropriated Base		26,532						26,532
07 0101113F B-52 Squadrons		715,811				-69,000		646,811
FY 2022 Appropriated Base		715,811				-69,000		646,811
1 / Program increase - global strike innovation hub						10,000		
1 / Program increase - B-52 training automation						2,000		
2 / CERP rapid prototyping material contract delay						-55,000		
2 / Radar modernization contract delay						-26,000		
07 0101122F Air-Launched Cruise Missile (ALCM)		453						453
FY 2022 Appropriated Base		453						453

Base for Reprogramming Actions										
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Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022				
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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07	0101126F	B-1B Squadrons		29,127				10,000		39,127
		FY 2022 Appropriated Base		29,127				10,000		39,127
	1 /	Hypersonic integration						10,000		
07	0101127F	B-2 Squadrons		144,047				-12,400		131,647
		FY 2022 Appropriated Base		144,047				-12,400		131,647
	2 /	B-2 display modernization carryover						-12,400		
07	0101213F	Minuteman Squadrons		113,622						113,622
		FY 2022 Appropriated Base		113,622						113,622
07	0101316F	Worldwide Joint Strategic Communications		15,202						15,202
		FY 2022 Appropriated Base		15,202						15,202
07	0101328F	ICBM Reentry Vehicles		96,313						96,313
		FY 2022 Appropriated Base		96,313						96,313
07	0102110F	UH-1N Replacement Program		16,132						16,132
		FY 2022 Appropriated Base		16,132						16,132
07	0102326F	Region/Sector Operation Control Center Modernization Program		771						771
		FY 2022 Appropriated Base		771						771
07	0102412F	North Warning System (NWS)		99						99
		FY 2022 Appropriated Base		99						99
07	0102417F	Over-the-Horizon Backscatter Radar		42,300				25,100		67,400
		FY 2022 Appropriated Base		42,300				25,100		67,400
	1 /	Program increase - North Warning System (NWS) OTH radar						25,100		
07	0202834F	Vehicles and Support Equipment - General		5,889						5,889
		FY 2022 Appropriated Base		5,889						5,889
07	0205219F	MQ-9 UAV		85,135				-6,014		79,121
		FY 2022 Appropriated Base		85,135				-6,014		79,121
	2 /	Program protection technology insertion ahead of need						-1,014		
	2 /	Government cost growth						-5,000		
07	0205671F	Joint Counter RCIED Electronic Warfare		3,111						3,111
		FY 2022 Appropriated Base		3,111						3,111
07	0207040F	Multi-Platform Electronic Warfare Equipment		36,607						36,607
		FY 2022 Appropriated Base		36,607						36,607
07	0207131F	A-10 Squadrons		39,224				-5,000		34,224
		FY 2022 Appropriated Base		39,224				-5,000		34,224
	2 /	OFP delays						-5,000		

Base for Reprogramming Actions									
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Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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07	0207133F		224,573				1,000		225,573
			224,573				1,000		225,573
	1 /						5,000		
	2 /						-4,000		
07	0207134F		239,616						239,616
			239,616						239,616
07	0207136F		15,855						15,855
			15,855						15,855
07	0207138F		647,296						647,296
			647,296						647,296
07	0207142F		69,365						69,365
			69,365						69,365
07	0207146F		118,126				-11,000		107,126
			118,126				-11,000		107,126
	2 /						-11,000		
07	0207161F		32,974						32,974
			32,974						32,974
07	0207163F		51,288						51,288
			51,288						51,288
07	0207227F		852						852
			852						852
07	0207247F		23,685						23,685
			23,685						23,685
07	0207249F		12,083						12,083
			12,083						12,083
07	0207253F		91,266						91,266
			91,266						91,266
07	0207268F		103,715				12,000		115,715
			103,715				12,000		115,715
	1 /						12,000		
07	0207325F		117,325						117,325
			117,325						117,325
07	0207327F		27,109				5,000		32,109
			27,109				5,000		32,109
	1 /						5,000		

Base for Reprogramming Actions										
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Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0207410F	Air & Space Operations Center (AOC)		3				90,024		90,027
		FY 2022 Appropriated Base		3				90,024		90,027
	2 /	Programming error						-3		
		Transfer from line 318						90,027		
07	0207412F	Control and Reporting Center (CRC)		9,875						9,875
		FY 2022 Appropriated Base		9,875						9,875
07	0207417F	Airborne Warning and Control System (AWACS)		171,014				-4,000		167,014
		FY 2022 Appropriated Base		171,014				-4,000		167,014
	2 /	Reduce program growth						-4,000		
07	0207418F	AFSPECWAR - TACP		4,598						4,598
		FY 2022 Appropriated Base		4,598						4,598
07	0207431F	Combat Air Intelligence System Activities		21,863				-4,000		17,863
		FY 2022 Appropriated Base		21,863				-4,000		17,863
	2 /	Underexecution						-4,000		
07	0207438F	Theater Battle Management (TBM) C4I		7,905						7,905
		FY 2022 Appropriated Base		7,905						7,905
07	0207439F	Electronic Warfare Integrated Reprogramming (EWIR)		15,000						15,000
		FY 2022 Appropriated Base		15,000						15,000
07	0207444F	Tactical Air Control Party-Mod		13,081						13,081
		FY 2022 Appropriated Base		13,081						13,081
07	0207452F	DCAPES		4,305						4,305
		FY 2022 Appropriated Base		4,305						4,305
07	0207521F	Air Force Calibration Programs		1,984						1,984
		FY 2022 Appropriated Base		1,984						1,984
07	0207522F	Airbase Air Defense Systems (ABADS)		7,392						7,392
		FY 2022 Appropriated Base		7,392						7,392
07	0207573F	National Technical Nuclear Forensics		1,971						1,971
		FY 2022 Appropriated Base		1,971						1,971
07	0207590F	Seek Eagle		30,539						30,539
		FY 2022 Appropriated Base		30,539						30,539
07	0207601F	USAF Modeling and Simulation		17,110						17,110
		FY 2022 Appropriated Base		17,110						17,110
07	0207605F	Wargaming and Simulation Centers		7,535						7,535
		FY 2022 Appropriated Base		7,535						7,535

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07 0207610F		32,008						32,008
		32,008						32,008
07 0207697F		4,007						4,007
		4,007						4,007
07 0208006F		92,557				3,500		96,057
		92,557				3,500		96,057
1 /						3,500		
07 0208007F		489				13,849		14,338
		489				13,849		14,338
1 /						6,849		
1 /						7,000		
07 0208064F		2,115						2,115
		2,115						2,115
07 0208087F		72,487						72,487
		72,487						72,487
07 0208088F		18,449						18,449
		18,449						18,449
07 0208097F		79,079						79,079
		79,079						79,079
07 0208099F		101,893				-10,000		91,893
		101,893				-10,000		91,893
2 /						-10,000		
07 0208288F		493						493
		493						493
07 0301025F		2,782						2,782
		2,782						2,782
07 0301113F		5,224						5,224
		5,224						5,224
07 0301401F		2,463						2,463
		2,463						2,463
07 0302015F		26,331						26,331
		26,331						26,331
07 0303131F		20,700				37,465		58,165
		20,700				37,465		58,165
						37,465		

Base for Reprogramming Actions										
(Dollars in Thousands)										
Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0303140F	Information Systems Security Program		8,032						8,032
		FY 2022 Appropriated Base		8,032						8,032
07	0303142F	Global Force Management - Data Initiative		452						452
		FY 2022 Appropriated Base		452						452
07	0303248F	All Domain Common Platform		64,000						64,000
		FY 2022 Appropriated Base		64,000						64,000
07	0304260F	Airborne SIGINT Enterprise		97,546				-4,000		93,546
		FY 2022 Appropriated Base		97,546				-4,000		93,546
	2 /	Program element carryover						-4,000		
07	0304310F	Commercial Economic Analysis		3,770						3,770
		FY 2022 Appropriated Base		3,770						3,770
07	0305020F	CCMD Intelligence Information Technology		1,663						1,663
		FY 2022 Appropriated Base		1,663						1,663
07	0305022F	ISR Modernization & Automation Dvmt (IMAD)		18,888				-3,000		15,888
		FY 2022 Appropriated Base		18,888				-3,000		15,888
	2 /	Underexecution						-3,000		
07	0305099F	Global Air Traffic Management (GATM)		4,672						4,672
		FY 2022 Appropriated Base		4,672						4,672
07	0305103F	Cyber Security Initiative		290						290
		FY 2022 Appropriated Base		290						290
07	0305111F	Weather Service		26,228				13,000		39,228
		FY 2022 Appropriated Base		26,228				13,000		39,228
	1 /	Program increase - commercial weather data pilot						10,000		
	1 /	Program increase - atmospheric rivers research						3,000		
07	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)		8,749				7,000		15,749
		FY 2022 Appropriated Base		8,749				7,000		15,749
	1 /	Program increase - wind turbine impact mitigation radar certification						2,000		
	1 /	Program increase - mobile air traffic system with UAS negation						5,000		
07	0305116F	Aerial Targets		1,528						1,528
		FY 2022 Appropriated Base		1,528						1,528
07	0305128F	Security and Investigative Activities		223						223
		FY 2022 Appropriated Base		223						223

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0305146F	Defense Joint Counterintelligence Activities	8,733						8,733
		FY 2022 Appropriated Base	8,733						8,733
07	0305179F	Integrated Broadcast Service (IBS)	21,335						21,335
		FY 2022 Appropriated Base	21,335						21,335
07	0305202F	Dragon U-2	17,146				18,700		35,846
		FY 2022 Appropriated Base	17,146				18,700		35,846
	1 /	Program increase - unfunded priority for avionics tech refresh and sensor on-board processor					18,700		
07	0305206F	Airborne Reconnaissance Systems	71,791				36,500		108,291
		FY 2022 Appropriated Base	71,791				36,500		108,291
	1 /	Program increase - wide area motion imagery					12,500		
	1 /	Program increase - Air Force unfunded priority for ASARS upgrades					24,000		
07	0305207F	Manned Reconnaissance Systems	14,799						14,799
		FY 2022 Appropriated Base	14,799						14,799
07	0305208F	Distributed Common Ground/Surface Systems	24,568						24,568
		FY 2022 Appropriated Base	24,568						24,568
07	0305220F	RQ-4 UAV	83,124						83,124
		FY 2022 Appropriated Base	83,124						83,124
07	0305221F	Network-Centric Collaborative Targeting	17,224						17,224
		FY 2022 Appropriated Base	17,224						17,224
07	0305238F	NATO AGS	19,473						19,473
		FY 2022 Appropriated Base	19,473						19,473
07	0305240F	Support to DCGS Enterprise	40,421						40,421
		FY 2022 Appropriated Base	40,421						40,421
07	0305600F	International Intelligence Technology and Architectures	14,473						14,473
		FY 2022 Appropriated Base	14,473						14,473
07	0305881F	Rapid Cyber Acquisition	4,326						4,326
		FY 2022 Appropriated Base	4,326						4,326
07	0305984F	Personnel Recovery Command & Ctrl (PRC2)	2,567						2,567
		FY 2022 Appropriated Base	2,567						2,567
07	0307577F	Intelligence Mission Data (IMD)	6,169						6,169
		FY 2022 Appropriated Base	6,169						6,169
07	0401115F	C-130 Airlift Squadron	9,752				2,800		12,552
		FY 2022 Appropriated Base	9,752				2,800		12,552
	1 /	Program increase - C-130H infrared suppression					2,800		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07	0401119F		17,507						17,507
	C-5 Airlift Squadrons (IF)								
	FY 2022 Appropriated Base		17,507						17,507
07	0401130F		16,360						16,360
	C-17 Aircraft (IF)								
	FY 2022 Appropriated Base		16,360						16,360
07	0401132F		14,112				10,000		24,112
	C-130J Program								
	FY 2022 Appropriated Base		14,112				10,000		24,112
1	/ HUD with enhanced vision system for firefighting						10,000		
07	0401134F		5,540						5,540
	Large Aircraft IR Countermeasures (LAIRCM)								
	FY 2022 Appropriated Base		5,540						5,540
07	0401218F		3,564						3,564
	KC-135s								
	FY 2022 Appropriated Base		3,564						3,564
07	0401318F		17,189						17,189
	CV-22								
	FY 2022 Appropriated Base		17,189						17,189
07	0408011F		6,640						6,640
	Special Tactics / Combat Control								
	FY 2022 Appropriated Base		6,640						6,640
07	0708055F		26,921						26,921
	Maintenance, Repair & Overhaul System								
	FY 2022 Appropriated Base		26,921						26,921
07	0708610F		7,071				4,000		11,071
	Logistics Information Technology (LOGIT)								
	FY 2022 Appropriated Base		7,071				4,000		11,071
1	/ Program increase - automated inventory management demonstration						4,000		
07	0804743F		1,999				4,000		5,999
	Other Flight Training								
	FY 2022 Appropriated Base		1,999				4,000		5,999
1	/ Program increase - aircraft transition optimization support						4,000		
07	0901202F		1,841						1,841
	Joint Personnel Recovery Agency								
	FY 2022 Appropriated Base		1,841						1,841
07	0901218F		3,560						3,560
	Civilian Compensation Program								
	FY 2022 Appropriated Base		3,560						3,560
07	0901220F		3,368						3,368
	Personnel Administration								
	FY 2022 Appropriated Base		3,368						3,368
07	0901226F		1,248						1,248
	Air Force Studies and Analysis Agency								
	FY 2022 Appropriated Base		1,248						1,248
07	0901538F		4,852						4,852
	Financial Management Information Systems Development								
	FY 2022 Appropriated Base		4,852						4,852

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07 1202140F Service Support to SPACECOM Activities		6,737						6,737
FY 2022 Appropriated Base		6,737						6,737
07 9999999999 Classified Programs		15,868,973				1,142,080		17,011,053
FY 2022 Appropriated Base		15,868,973				1,142,080		17,011,053
1 / Classified adjustment						1,142,080		
07 0101324F Integrated Strategic Planning & Analysis Network						29,564		29,564
FY 2022 Appropriated Base						29,564		29,564
Air Force Requested transfer Realigned from BA 07, PE 0301112F, Nuclear Planning and Execution System (NPES), for proper execution.						29,564		
07 0301112F Nuclear Planning and Execution System (NPES)						15,120		15,120
FY 2022 Appropriated Base						15,120		15,120
Transfer from line 317						44,684		
Air Force Requested Transfer Realigned to BA 07, PE 0101324F, Integrated Strategic Planning & Analysis Network, for proper execution.						-29,564		
07 0808716F Other Personnel Activities						5,000		5,000
FY 2022 Appropriated Base						5,000		5,000
1 / Program increase - implementation of Independent Review Commission on Sexual Assault in the Military						5,000		
07 0901554F Defense Enterprise Acntng and Mgt Sys (DEAMS)						54,400		54,400
FY 2022 Appropriated Base						54,400		54,400
Transfer from line 319						54,400		
Subtotal Budget Activity 07: Operational Systems Development		21,705,541				1,534,768		23,240,309
Budget Activity 08: Software and Digital Technology Pilot Programs								
08 0608158F Strategic Mission Planning and Execution System - Software Pilot Program		96,100				-96,100		
FY 2022 Appropriated Base		96,100				-96,100		
Transfer to OMAD lines 11C, 15D, and 42A						-46,374		
Transfer to OPAF line 23						-212		
Transfer to OPAF line 26						-4,845		
Transfer to line 230						-44,669		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Air Force , 2022/2023 (3600F)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
08	0608410F	Air & Space Operations Center (AOC) - Software Pilot Program			186,915		-186,915		
		FY 2022 Appropriated Base			186,915		-186,915		
	2 /	Excess to need					-1,244		
		Transfer to OMAF lines 11C, 15D and 42A					-74,849		
		Transfer to OPAF line 42					-20,795		
		Transfer to line 200					-90,027		
08	0608920F	Defense Enterprise Accounting and Management System (DEAMS) - Software Pilot Pro			135,263		-135,263		
		FY 2022 Appropriated Base			135,263		-135,263		
		Transfer to OMAF lines 11C, 15D and 42A					-77,760		
		Transfer to OPAF line 39					-3,103		
		Transfer to line 296					-54,400		
Subtotal Budget Activity 08: Software and Digital Technology Pilot Programs			418,278				-418,278		
Grand Total Research, Development, Test, and Evaluation, Air Force , 2022/2023			39,184,328				2,456,085		41,640,413
Financing									
			39,184,328				2,408,585		41,592,913
							47,500		47,500
TOTAL FINANCING - FY 2022 PROGRAM			39,184,328				2,456,085		41,640,413
Footnotes:									
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.									
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.									
For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.									

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: RDTE, Space Force, 2022/2023 (3620F)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 02: Applied Research								
02 1206601SF Space Technology		175,796				110,709		286,505
FY 2022 Appropriated Base		175,796				110,709		286,505
1 / Program increase - radiation hardened microprocessor						8,900		
1 / Program increase - lithium sulfur battery development						4,000		
1 / Program increase - thin-film photovoltaic energy						3,000		
1 / Program increase - multi-mission distributed antenna technology						10,000		
1 / Program increase - hybrid space architecture						5,000		
1 / Program increase - autonomy in space						10,000		
1 / Program increase - ground-based interferometry						6,000		
1 / Program increase - non-toxic fuels						3,000		
1 / Program increase - open architecture payloads						10,000		
1 / Program increase - ultra-lightweight space solar arrays						5,000		
1 / Program increase - university consortia for space technology						10,000		
1 / Program increase - advanced multi-physics thermal management						5,000		
1 / Program increase - fundamental research						15,000		
1 / Program increase - adaptive medium-lift engine architecture						5,000		
1 / Program increase - architecture for space domain awareness beyond GEO						15,400		
1 / Program increase - space solar power inc demonstration						2,900		
2 / Inadequate justification						-7,500		
Air Force requested transfer to RDTE,AF line 9 for civilian pay						-5,404		
Air Force requested transfer from RDTE,AF line 13 for civilian pay						5,413		
Subtotal Budget Activity 02: Applied Research		175,796				110,709		286,505

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
RDTE, Space Force, 2022/2023 (3620F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 03: Advanced Technology Development								
03 1206616SF Space Advanced Technology Development/Demo		76,653				161,931		238,584
FY 2022 Appropriated Base		76,653				161,931		238,584
1 / Program increase - tridyne multi-mode propulsion						7,000		
1 / Project increase - core manipulator joint						1,665		
1 / Program increase - accelerate cislunar flight experiment						61,000		
1 / Program increase - nuclear propulsion technologies for cislunar flight						70,000		
1 / Program increase - upper stage engine technology						23,000		
Air Force requested transfer to RDTE,AF line 20						-734		
Subtotal Budget Activity 03: Advanced Technology Development		76,653				161,931		238,584
Budget Activity 04: Advanced Component Development & Prototypes								
04 1203164SF NAVSTAR Global Positioning System (User Equipment) (SPACE)		434,194						434,194
FY 2022 Appropriated Base		434,194						434,194
04 1203710SF EO/IR Weather Systems		162,274						162,274
FY 2022 Appropriated Base		162,274						162,274
04 1203905SF Space System Support		37,000						37,000
FY 2022 Appropriated Base		37,000						37,000
04 1206422SF Weather System Follow-on		61,521				-8,100		53,421
FY 2022 Appropriated Base		61,521				-8,100		53,421
2 / WSF-M product development excess to need						-8,100		
04 1206425SF Space Situation Awareness Systems		123,262				-18,200		105,062
FY 2022 Appropriated Base		123,262				-18,200		105,062
2 / DARC site 1 contract delays						-18,200		
04 1206427SF Space Systems Prototype Transitions (SSPT)		101,851				-10,000		91,851
FY 2022 Appropriated Base		101,851				-10,000		91,851
1 / Program increase - space combat cloud						5,000		
2 / ROOSTER development delay						-15,000		
04 1206438SF Space Control Technology		32,931				3,000		35,931
FY 2022 Appropriated Base		32,931				3,000		35,931
1 / Program increase - high-thrust gridded ion engine						3,000		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
RDTE, Space Force, 2022/2023 (3620F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04 1206730SF Space Security and Defense Program		56,546				-2,650		53,896
FY 2022 Appropriated Base		56,546				-2,650		53,896
2 / Forward financing						-2,650		
04 1206760SF Protected Tactical Enterprise Service (PTES)		100,320						100,320
FY 2022 Appropriated Base		100,320						100,320
04 1206761SF Protected Tactical Service (PTS)		243,285				-13,956		229,329
FY 2022 Appropriated Base		243,285				-13,956		229,329
2 / Rapid prototyping excess to need						-13,956		
04 1206855SF Evolved Strategic SATCOM (ESS)		160,056				12,033		172,089
FY 2022 Appropriated Base		160,056				12,033		172,089
1 / Program increase - IT upgrades for NC3 cybersecurity						20,000		
2 / Prototyping excess to need						-7,967		
04 1206857SF Space Rapid Capabilities Office		66,193				7,000		73,193
FY 2022 Appropriated Base		66,193				7,000		73,193
1 / Program increase - Digital beamformed ground-based SATCOM						7,000		
04 1206458SF Tech Transition program (SPACE)						50,000		50,000
FY 2022 Appropriated Base						50,000		50,000
1 / Program increase - arctic communications						50,000		
Subtotal Budget Activity 04: Advanced Component Development & Prototypes		1,579,433				19,127		1,598,560
Budget Activity 05: System Development & Demonstration								
05 1203269SF GPS III Follow-On (GPS IIIF)		264,265				-17,933		246,332
FY 2022 Appropriated Base		264,265				-17,933		246,332
2 / Historical carryover						-17,933		
05 1203940SF Space Situation Awareness Operations		56,279				-14,271		42,008
FY 2022 Appropriated Base		56,279				-14,271		42,008
2 / Management services unjustified increase						-4,000		
2 / GBOSS EMD contract excess to need						-10,271		
05 1206421SF Counterspace Systems		38,063				10,000		48,063
FY 2022 Appropriated Base		38,063				10,000		48,063
1 / Program increase - Bounty Hunter						10,000		
05 1206422SF Weather System Follow-on		1,438						1,438
FY 2022 Appropriated Base		1,438						1,438
05 1206425SF Space Situation Awareness Systems		127,026						127,026
FY 2022 Appropriated Base		127,026						127,026
05 1206431SF Advanced EHF MILSATCOM (SPACE)		28,218				-1,276		26,942
FY 2022 Appropriated Base		28,218				-1,276		26,942
2 / Capabilities insertion program excess to need						-1,276		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title: RDTE, Space Force, 2022/2023 (3620F)							Fiscal Year Program: 2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
05	1206432SF								
	Polar MILSATCOM (SPACE)		127,870				-15,700		112,170
	FY 2022 Appropriated Base		127,870				-15,700		112,170
	2 / EPS-R product development excess to need						-8,000		
	2 / EPS-R product development forward financing						-7,700		
05	1206442SF								
	Next Generation OPIR		2,451,256				-2,325,403		125,853
	FY 2022 Appropriated Base		2,451,256				-2,325,403		125,853
	2 / SMI technology maturation overestimation						-12,335		
	2 / Overestimation of FORGE command and control						-10,000		
	2 / Excess to need						-90,000		
	Transfer to line 22A for project 657120 Next-Gen OPIR Space, Block 0 GEO						-1,137,393		
	Transfer to line 22B for project 657121 Next-Gen OPIR Space, Block 0 Polar						-471,398		
	Transfer to line 22C for project 657106 Next-Gen OPIR Ground						-504,577		
	Space Force requested realignment						-99,700		
05	1206445SF								
	Commercial SATCOM (COMSATCOM) Integration		23,400						23,400
	FY 2022 Appropriated Base		23,400						23,400
05	1206853SF								
	National Security Space Launch Program (SPACE) - EMD		221,510				-20,000		201,510
	FY 2022 Appropriated Base		221,510				-20,000		201,510
	2 / Inadequate justification - enabling technologies						-20,000		
05	1206440SF								
	Next Generation OPIR – Ground						542,477		542,477
	FY 2022 Appropriated Base						542,477		542,477
	Transfer from line 22 for project 657106 Next-Gen OPIR Ground						504,577		
	Space Force requested realignment						37,900		
05	1206443SF								
	Next Generation OPIR – GEO						1,199,193		1,199,193
	FY 2022 Appropriated Base						1,199,193		1,199,193
	Transfer from line 22 for project 657120 Next-Gen OPIR Space, Block 0 GEO						1,137,393		
	Space Force requested realignment						61,800		
05	1206444SF								
	Next Generation OPIR – Polar						471,398		471,398
	FY 2022 Appropriated Base						471,398		471,398
	Transfer from line 22 for project 657121 Next-Gen OPIR Space, Block 0 Polar						471,398		
Subtotal Budget Activity 05: System Development & Demonstration			3,339,325				-171,515		3,167,810

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
RDTE, Space Force, 2022/2023 (3620F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 06: Management Support								
06 1206116SF Space Test and Training Range Development		19,319				50,500		69,819
FY 2022 Appropriated Base		19,319				50,500		69,819
1 / Program increase - cyber training range						17,500		
1 / Program increase - advance threat simulation environment						33,000		
06 1206392SF ACQ Workforce - Space & Missile Systems		214,051						214,051
FY 2022 Appropriated Base		214,051						214,051
06 1206398SF Space & Missile Systems Center - MHA		12,119						12,119
FY 2022 Appropriated Base		12,119						12,119
06 1206759SF Major T&E Investment - Space		71,503				15,000		86,503
FY 2022 Appropriated Base		71,503				15,000		86,503
1 / Program increase - lab and test range upgrades for space						15,000		
06 1206860SF Rocket Systems Launch Program (SPACE)		17,769						17,769
FY 2022 Appropriated Base		17,769						17,769
06 1206864SF Space Test Program (STP)		20,881						20,881
FY 2022 Appropriated Base		20,881						20,881
06 1206862SF Tactically Responsive Launch						50,000		50,000
FY 2022 Appropriated Base						50,000		50,000
1 / Program increase						50,000		
Subtotal Budget Activity 06: Management Support		355,642				115,500		471,142

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
RDTE, Space Force, 2022/2023 (3620F)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 07: Operational System Development								
07 1201017SF Global Sensor Integrated on Network (GSIN)		4,731						4,731
FY 2022 Appropriated Base		4,731						4,731
07 1203001SF Family of Advanced BLoS Terminals (FAB-T)		156,788						156,788
FY 2022 Appropriated Base		156,788						156,788
07 1203040SF DCO-Space		2,150						2,150
FY 2022 Appropriated Base		2,150						2,150
07 1203109SF Narrowband Satellite Communications		112,012				-2,000		110,012
FY 2022 Appropriated Base		112,012				-2,000		110,012
1 / Program increase - L-Band communications						3,000		
2 / Analysis of alternatives inadequate justification						-5,000		
07 1203110SF Satellite Control Network (SPACE)		36,810						36,810
FY 2022 Appropriated Base		36,810						36,810
07 1203165SF NAVSTAR Global Positioning System (Space and Control Segments)		1,966						1,966
FY 2022 Appropriated Base		1,966						1,966
07 1203173SF Space and Missile Test and Evaluation Center		1,699						1,699
FY 2022 Appropriated Base		1,699						1,699
07 1203174SF Space Innovation, Integration and Rapid Technology Development		18,054						18,054
FY 2022 Appropriated Base		18,054						18,054
07 1203182SF Spacelift Range System (SPACE)		11,115				20,000		31,115
FY 2022 Appropriated Base		11,115				20,000		31,115
1 / Program increase - space launch range services and capabilities						20,000		
07 1203265SF GPS III Space Segment		7,207						7,207
FY 2022 Appropriated Base		7,207						7,207
07 1203330SF Space Superiority ISR		18,109						18,109
FY 2022 Appropriated Base		18,109						18,109

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: RDTE, Space Force, 2022/2023 (3620F)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07 1203620SF National Space Defense Center		1,280						1,280
FY 2022 Appropriated Base		1,280						1,280
07 1203873SF Ballistic Missile Defense Radars		12,292						12,292
FY 2022 Appropriated Base		12,292						12,292
07 1203906SF NCMC - TW/AA System		9,858						9,858
FY 2022 Appropriated Base		9,858						9,858
07 1203913SF NUDET Detection System (SPACE)		45,887						45,887
FY 2022 Appropriated Base		45,887						45,887
07 1203940SF Space Situation Awareness Operations		64,763						64,763
FY 2022 Appropriated Base		64,763						64,763
07 1206423SF Global Positioning System III - Operational Control Segment		413,766				-11,234		402,532
FY 2022 Appropriated Base		413,766				-11,234		402,532
2 / OCX unjustified growth						-11,234		
07 1206770SF Enterprise Ground Services		191,713						191,713
FY 2022 Appropriated Base		191,713						191,713
07 9999999999 Classified Programs		4,474,809				88,500		4,563,309
FY 2022 Appropriated Base		4,474,809				88,500		4,563,309
1 / Classified adjustment						88,500		
Subtotal Budget Activity 07: Operational System Development		5,585,009				95,266		5,680,275
Budget Activity 08: Software & Digital Technology Pilot Programs								
08 1203614SF JSpOC Mission System		154,529						154,529
FY 2022 Appropriated Base		154,529						154,529
Subtotal Budget Activity 08: Software & Digital Technology Pilot Programs		154,529						154,529
Grand Total RDTE, Space Force, 2022/2023		11,266,387				331,018		11,597,405
Financing								
APPROPRIATION, P.L. 117-103 (Base)		11,266,387				331,018		11,597,405
TOTAL FINANCING - FY 2022 PROGRAM		11,266,387				331,018		11,597,405
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

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Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Civil Military Programs								
Budget Activity 04: Administration and Servicewide Activities								
Civil Military Programs		137,311				127,281		264,592
FY 2022 Appropriated Base		137,311				127,281		264,592
1 / Program increase - National Guard Youth Challenge						85,281		
1 / Program increase - STARBASE						42,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities		137,311				127,281		264,592
Subtotal Civil Military Programs		137,311				127,281		264,592
Classified Programs								
Budget Activity 04: Administration and Servicewide Activities								
Classified Programs		17,872,589				48,446		17,921,035
FY 2022 Appropriated Base		17,872,589				-102,032		17,770,557
2 / Classified adjustment						-30,032		
Transfer from Operation and Maintenance, Defense-wide, Classified Programs, 2022/2022 to Operation Maintenance, Defense-Wide, Classified Programs 2022/XXXX for classified activities.						-72,000		
Ukrainian Supplemental, Division N of P.L. 117-103						150,478		150,478
Ukraine Assistance Supplemental (Div. N)						150,478		
Subtotal Budget Activity 04: Administration and Servicewide Activities		17,872,589				48,446		17,921,035
Subtotal Classified Programs		17,872,589				48,446		17,921,035
Defense Acquisition University								
Budget Activity 03: Training and Recruiting								
Defense Acquisition University		171,607						171,607
FY 2022 Appropriated Base		171,607						171,607
Subtotal Budget Activity 03: Training and Recruiting		171,607						171,607
Subtotal Defense Acquisition University		171,607						171,607
Defense Contract Audit Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Contract Audit Agency		618,526				-12,000		606,526
FY 2022 Appropriated Base		618,526				-12,000		606,526
Unjustified growth						-12,000		
Defense Contract Audit Agency - CYBER		3,984						3,984
FY 2022 Appropriated Base		3,984						3,984
Subtotal Budget Activity 04: Administration and Servicewide Activities		622,510				-12,000		610,510
Subtotal Defense Contract Audit Agency		622,510				-12,000		610,510

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Contract Management Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Contract Management Agency		1,438,296				-5,000		1,433,296
FY 2022 Appropriated Base		1,438,296				-5,000		1,433,296
Unjustified growth						-5,000		
Defense Contract Management Agency - CYBER		11,999						11,999
FY 2022 Appropriated Base		11,999						11,999
Subtotal Budget Activity 04: Administration and Servicewide Activities		1,450,295				-5,000		1,445,295
Subtotal Defense Contract Management Agency		1,450,295				-5,000		1,445,295
Defense Counterintelligence and Security Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Counterintelligence and Security Agency		958,922						958,922
FY 2022 Appropriated Base		958,922						958,922
1 / Program increase - commercial FOCI analytic tools						10,000		
Program decrease unaccounted for						-10,000		
Defense Counterintelligence and Security Agency - CYBER		9,859						9,859
FY 2022 Appropriated Base		9,859						9,859
Subtotal Budget Activity 04: Administration and Servicewide Activities		968,781						968,781
Subtotal Defense Counterintelligence and Security Agency		968,781						968,781
Defense Human Resource Activities								
Budget Activity 04: Administration and Servicewide Activities								
Defense Human Resources Activity		816,168				132,009		948,177
FY 2022 Appropriated Base		816,168				132,009		948,177
1 / Program increase - DLNSEO						15,000		
1 / Program increase - Language Flagship program						6,000		
1 / Program increase - Special Victims' Counsel						47,000		
1 / Program increase - Defense Suicide Prevention Office						3,000		
1 / Program increase - Sexual Assault Prevention and Response						7,500		
1 / Program increase - Defense Language Training Centers						20,000		
1 / Program increase - EASE						10,000		
1 / Program increase - Beyond Yellow Ribbon						22,000		
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						7,280		
Unjustified growth						-4,000		
FFRDC Reductions (Sec. 8027)						-1,771		
Defense Human Resources Activity - CYBER		17,655						17,655
FY 2022 Appropriated Base		17,655						17,655
Subtotal Budget Activity 04: Administration and Servicewide Activities		833,823				132,009		965,832
Subtotal Defense Human Resource Activities		833,823				132,009		965,832

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Information Systems Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Information Systems Agency		1,913,734				70,442		1,984,176
FY 2022 Appropriated Base		1,913,734				9,392		1,923,126
Transfer from RDTE,DW line 203 JAIC for proper execution - Responsible AI (RAI)						4,250		
Transfer from RDTE,DW line 203 JAIC for proper execution - strategy and policy						4,775		
Transfer from RDTE,DW line 203 for proper execution - JCF/Infrastructure						19,800		
Transfer from RDTE,DW line 203 for proper execution - PB&A						750		
Unjustified growth						-20,000		
FFRDC Reductions (Sec. 8027)						-183		
Ukrainian Supplemental, Division N of P.L. 117-103						61,050		61,050
Ukraine Assistance Supplemental (Div. N)						61,050		
Defense Information Systems Agency - CYBER		530,278				62,100		592,378
FY 2022 Appropriated Base		530,278				62,100		592,378
1 / Program increase - hardening DOD networks						62,100		
Subtotal Budget Activity 04: Administration and Servicewide Activities		2,444,012				132,542		2,576,554
Subtotal Defense Information Systems Agency		2,444,012				132,542		2,576,554
Defense Legal Services Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Legal Services Agency		229,498				-5,000		224,498
FY 2022 Appropriated Base		229,498				-5,000		224,498
Historical unobligated balances						-5,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities		229,498				-5,000		224,498
Subtotal Defense Legal Services Agency		229,498				-5,000		224,498
Defense Logistics Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Logistics Agency		402,864				24,400		427,264
FY 2022 Appropriated Base		402,864				24,400		427,264
1 / Program increase - Procurement Technical Assistance Program						24,400		
Subtotal Budget Activity 04: Administration and Servicewide Activities		402,864				24,400		427,264
Subtotal Defense Logistics Agency		402,864				24,400		427,264

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Media Activity								
Budget Activity 04: Administration and Servicewide Activities								
Defense Media Activity		222,655						222,655
FY 2022 Appropriated Base		222,655						222,655
Subtotal Budget Activity 04: Administration and Servicewide Activities		222,655						222,655
Subtotal Defense Media Activity		222,655						222,655
Defense POW/MIA Accounting Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Personnel Accounting Agency		130,174						130,174
FY 2022 Appropriated Base		130,174						130,174
Subtotal Budget Activity 04: Administration and Servicewide Activities		130,174						130,174
Subtotal Defense POW/MIA Accounting Agency		130,174						130,174
Defense Security Cooperation Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Security Cooperation Agency		2,067,446				-1,787,571		279,875
FY 2022 Appropriated Base		2,067,446				-1,825,388		242,058
1 / Program increase - International Security Cooperation Programs with countries in AFRICOM						59,571		
1 / Program increase - International Security Cooperation Programs - CENTCOM - Jordan						12,699		
1 / Program increase - International Security Cooperation Programs - EUCOM - Baltic Security Initiative						75,140		
1 / Program increase - International Security Cooperation Programs - EUCOM - Georgia						32,398		
1 / Program increase - International Security Cooperation Programs - EUCOM - Poland						28,740		
1 / Program increase - International Security Cooperation Programs - EUCOM - Romania						23,382		
1 / Program increase - International Security Cooperation Programs - EUCOM - Bulgaria						12,021		
1 / Program increase - International Security Cooperation Programs women's program						3,000		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
1 / Program increase - International Security Cooperation Programs human rights training						1,000		
1 / Program increase - Ukraine Security Assistance Initiative						50,000		
1 / Program increase - Regional Centers						4,000		
1 / Program increase - Regional Centers cybersecurity capacity building						3,000		
1 / Program increase - Arctic Regional Center						10,000		
1 / Program increase - Institute for Security Governance cybersecurity capacity building						5,000		
1 / Program increase - Irregular Warfare Functional Center						10,000		
1 / Program increase - Northern Triangle boarder security						8,000		
2 / International Security Cooperation Programs - CENTCOM program decrease						-785		
2 / Lift and Sustain program adjustment						-125,000		
2 / Unjustified growth - Regional Defense Fellowship Program						-1,356		
2 / Unjustified request - International Security Cooperation Programs - Afghanistan						-6,686		
2 / Coalition Support Funds program adjustment						-10,000		
Transfer from Regional Defense Fellowship Program to Regional Defense Combatting Terrorism and Irregular Warfare Fellowship Program						-25,193		
Transfer to Regional Defense Combating Terrorism and Irregular Warfare Fellowship Program from Regional Defense Fellowship Program						25,193		
Ukraine Security Assistance (Sec. 8139)						-300,000		
Reimbursement under section 1226 of NDAA for FY 2016 (Sec. 8137)						-370,000		
Reimbursement to key cooperating nations for logistical, military and other support (Sec. 8136)						-50,000		
International Security Cooperation Programs (Sec. 8135)						-1,299,386		
FFRDC Reductions (Sec. 8027)						-126		
Ukrainian Supplemental, Division N of P.L. 117-103						37,817		37,817
Ukraine Assistance Supplemental (Div. N)						37,817		
Subtotal Budget Activity 04: Administration and Servicewide Activities		2,067,446				-1,787,571		279,875
Subtotal Defense Security Cooperation Agency		2,067,446				-1,787,571		279,875

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
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Defense Technology Security Administration								
Budget Activity 04: Administration and Servicewide Activities								
Defense Technology Security Administration		39,305						39,305
FY 2022 Appropriated Base		39,305						39,305
Subtotal Budget Activity 04: Administration and Servicewide Activities		39,305						39,305
Subtotal Defense Technology Security Administration		39,305						39,305
Defense Threat Reduction Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Threat Reduction Agency		895,872				-10,000		885,872
FY 2022 Appropriated Base		895,872				-10,000		885,872
Program decrease unaccounted for						-10,000		
Defense Threat Reduction Agency - CYBER		36,736						36,736
FY 2022 Appropriated Base		36,736						36,736
Subtotal Budget Activity 04: Administration and Servicewide Activities		932,608				-10,000		922,608
Subtotal Defense Threat Reduction Agency		932,608				-10,000		922,608
Defense Wide								
Budget Activity 04: Administration and Servicewide Activities								
Undistributed						250,000		250,000
FY 2022 Appropriated Base						250,000		250,000
Improving tactical artificial intelligence (Sec. 8070)						200,000		
Recruiting and Training Artificial Intelligence-literate						50,000		
Acquisition Workforce (Sec. 8080)								
Subtotal Budget Activity 04: Administration and Servicewide Activities						250,000		250,000
Subtotal Defense Wide						250,000		250,000
Department of Defense Education Activity								
Budget Activity 04: Administration and Servicewide Activities								
Department of Defense Education Activity		3,138,345				99,191		3,237,536
FY 2022 Appropriated Base		3,138,345				99,191		3,237,536
1 / Program increase - World Language grants						15,000		
1 / Program increase - Impact Aid						50,000		
1 / Program increase - Impact Aid for children with disabilities						20,000		
1 / Program increase - military spouse pilot program						5,000		
1 / Program increase - military spouse licensures						3,000		
1 / Program increase - medical credentialing for military personnel transitioning to civilian medical employment						2,500		
Minimum Wage Increase						3,800		
FFRDC Reductions (Sec. 8027)						-109		
Subtotal Budget Activity 04: Administration and Servicewide Activities		3,138,345				99,191		3,237,536
Subtotal Department of Defense Education Activity		3,138,345				99,191		3,237,536

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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Missile Defense Agency								
Budget Activity 04: Administration and Servicewide Activities								
Missile Defense Agency		502,450				-32		502,418
FY 2022 Appropriated Base		502,450				-32		502,418
FFRDC Reductions (Sec. 8027)						-32		
Subtotal Budget Activity 04: Administration and Servicewide Activities		502,450				-32		502,418
Subtotal Missile Defense Agency		502,450				-32		502,418
OSD								
Budget Activity 04: Administration and Servicewide Activities								
Office of the Secretary of Defense		1,766,614				139,681		1,906,295
FY 2022 Appropriated Base		1,766,614				136,241		1,902,855
1 / Program increase - Legacy Resources Management Program						5,000		
1 / Program increase - DASD Environment civilian growth						3,000		
1 / Program increase - CDC water contamination study and assessment						15,000		
1 / Program increase - Information Assurance Scholarship Program						20,000		
1 / Program increase - Emerging Contaminants Program						4,000		
1 / Program increase - Commission on Planning, Programming, Budgeting and Execution Reform						2,200		
1 / Program increase -Defense Environmental International Cooperation						1,500		
1 / Program increase - Office of the Under Secretary for Acquisition and Sustainment - domestic supply chain resiliency matrix						5,000		
1 / Program increase - Native American Lands Environmental Mitigation Program						8,000		
1 / Program increase - Ex Gratia payments						5,000		
1 / Program increase - Vietnam MIA program						2,000		
1 / Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						17,050		
1 / Program increase - Red Hill operational risk assessment and auxiliary systems vulnerability study						5,000		
1 / United Service Organizations (Sec. 8053)						24,000		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
1 / Red Cross (Sec. 8053)						25,000		
1 / Climate Programs						10,000		
1 / Commissions						10,000		
1 / Vietnam Dioxin Remediation						15,000		
Transfer from SOLIC SOPP to OIOP						-1,250		
Transfer from SOLIC OIOP from SOPP						1,250		
Office of Secretary of Defense requested transfer to line 4GTC						-16,724		
Unjustified growth - non-pay						-20,000		
P.L. 115-68 Implementation						2,100		
FFRDC Reductions (Sec. 8027)						-5,885		
Ukrainian Supplemental, Division N of P.L. 117-103						3,440		3,440
Ukraine Assistance Supplemental (Div. N)						3,440		
Office of the Secretary of Defense - CYBER		32,851				16,724		49,575
FY 2022 Appropriated Base		32,851				16,724		49,575
Office of Secretary of Defense requested transfer from 4GTN						16,724		
Subtotal Budget Activity 04: Administration and Servicewide Activities		1,799,465				156,405		1,955,870
Subtotal OSD		1,799,465				156,405		1,955,870
Office of Local Defense Community Cooperation								
Budget Activity 04: Administration and Servicewide Activities								
Office of Local Defense Community Cooperation		89,686				73,000		162,686
FY 2022 Appropriated Base		89,686				73,000		162,686
1 / Program increase - Defense Community Infrastructure Program						40,000		
1 / Program increase - Noise Mitigation Community Partnership						75,000		
1 / Program increase - Defense Manufacturing Community Support Program						30,000		
Program increase - personnel increase						3,000		
Transfer from Operation and Maintenance, Defense-wide OLDCC, 2022/2022 to Operation Maintenance Defense-wide, OLDCC 2022/2025 for grants to communities for military aviation noise for the purpose of installing noise mitigating insulation at covered facilities (Sec. 8120)						-75,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities		89,686				73,000		162,686
Subtotal Office of Local Defense Community Cooperation		89,686				73,000		162,686

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Space Development Agency								
Budget Activity 04: Administration and Servicewide Activities								
Space Development Agency		53,851				-1,017		52,834
FY 2022 Appropriated Base		53,851				-1,017		52,834
FFRDC Reductions (Sec. 8027)						-1,017		
Subtotal Budget Activity 04: Administration and Servicewide Activities		53,851				-1,017		52,834
Subtotal Space Development Agency		53,851				-1,017		52,834
Special Operations Command								
Budget Activity 01: Operating Forces								
Special Operations Command Combat Development Activities		2,044,479				19,714		2,064,193
FY 2022 Appropriated Base		2,044,479				-786		2,043,693
1 / Classified adjustment						1,000		
1 / Program increase - AGMS acceleration						3,310		
SOCOM requested realignment to SAG 1PLU and 1PLR for civilian personnel costs						-9,096		
Fuel						4,000		
Ukrainian Supplemental, Division N of P.L. 117-103						20,500		20,500
Ukraine Assistance Supplemental (Div. N)						20,500		
Special Operations Command Cyberspace Activities		45,851						45,851
FY 2022 Appropriated Base		45,851						45,851
Special Operations Command Intelligence		1,614,757				17,144		1,631,901
FY 2022 Appropriated Base		1,614,757				16,562		1,631,319
1 / Program increase - DOMEX						10,000		
2 / Underexecution of JTWS						-2,502		
SOCOM requested realignment from SAG 1PL6 for civilian personnel costs						9,064		
Ukrainian Supplemental, Division N of P.L. 117-103						582		582
Ukraine Assistance Supplemental (Div. N)						582		
Special Operations Command Maintenance		1,081,869				-14,346		1,067,523
FY 2022 Appropriated Base		1,081,869				-14,346		1,067,523
1 / Program increase - MC-12						1,102		
1 / Program increase - modernized forward-look sonar						900		
Program decrease - excess to need						-16,348		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:						Fiscal Year Program:			
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022			
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Special Operations Command Management/Operational Headquarters			180,042				-1,241		178,801
FY 2022 Appropriated Base			180,042				-1,241		178,801
1 /	Program increase - Implementation of the Independent Review Commission on Sexual Assault in the Military						130		
	SOCOM requested realignment to SAG 1PLR for civilian personnel costs						-1,371		
Special Operations Command Operational Support			1,202,060				-12,522		1,189,538
FY 2022 Appropriated Base			1,202,060				-12,522		1,189,538
1 /	Program increase - identity management						15,000		
2 /	Underexecution of C4IAS						-27,303		
	SOCOM requested realignments to SAG 3EV8 for civilian personnel costs						-219		
Special Operations Command Theater Forces			3,175,789				138,871		3,314,660
FY 2022 Appropriated Base			3,175,789				101,155		3,276,944
1 /	Program increase - tactical rinse system for aircraft						2,500		
1 /	Program increase - subterranean training facility						9,000		
1 /	Program increase - Transportation Command Working Capital Fund						28,400		
2 /	Overestimation of flying hours						-9,640		
2 /	Overestimation of 127e						-6,791		
	SOCOM requested realignment from SAG 1PLM for civilian personnel costs						3,717		
	Transfer from Section 1202						-4,000		
	Transfer to USSOCOM Information Operations						4,000		
	SOCOM requested realignment from 127e for civilian personnel costs						-2,531		
	Fuel						50,000		
	Transportation Working Capital Fund						26,500		
Ukrainian Supplemental, Division N of P.L. 117-103							37,716		37,716
Ukraine Assistance Supplemental (Div. N)							37,716		
Subtotal Budget Activity 01: Operating Forces			9,344,847				147,620		9,492,467

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i
Budget Activity 03: Training and Recruiting								
Professional Development Education		31,669				436		32,105
FY 2022 Appropriated Base		31,669				436		32,105
SOCOM requested realignment from SAG 1PLV for civilian personnel costs						436		
Subtotal Budget Activity 03: Training and Recruiting		31,669				436		32,105
Subtotal Special Operations Command		9,376,516				148,056		9,524,572
The Joint Staff								
Budget Activity 01: Operating Forces								
Joint Chiefs of Staff		407,240				-4,800		402,440
FY 2022 Appropriated Base		407,240				-4,800		402,440
1 / Program increase - Transportation Working Capital Fund						1,700		
Unjustified growth						-6,500		
Joint Chiefs of Staff - CE2T2		554,634				17,500		572,134
FY 2022 Appropriated Base		554,634				17,500		572,134
1 / Program increase - AFRICOM joint exercise program						18,000		
Unjustified growth						-4,000		
Transportation Working Capital Fund						3,500		
Joint Chiefs of Staff - CYBER		8,098						8,098
FY 2022 Appropriated Base		8,098						8,098
Subtotal Budget Activity 01: Operating Forces		969,972				12,700		982,672
Budget Activity 03: Training and Recruiting								
Joint Chiefs of Staff		92,905						92,905
FY 2022 Appropriated Base		92,905						92,905
Subtotal Budget Activity 03: Training and Recruiting		92,905						92,905
Subtotal The Joint Staff		1,062,877				12,700		1,075,577

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2022 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Washington Headquarters Services								
Budget Activity 04: Administration and Servicewide Activities								
Washington Headquarters Services		369,698				-2,534		367,164
FY 2022 Appropriated Base		369,698				-2,534		367,164
Unjustified growth						-2,500		
FFRDC Reductions (Sec. 8027)						-34		
Subtotal Budget Activity 04: Administration and Servicewide Activities		369,698				-2,534		367,164
Subtotal Washington Headquarters Services		369,698				-2,534		367,164
Grand Total Operation and Maintenance, Defense-Wide , 2022/2022		44,918,366				-619,124		44,299,242
<i>Financing</i>								
APPROPRIATION, P.L. 117-103 (Base)		44,918,366				-921,550		43,996,816
Ukrainian Supplemental, Division N of P.L. 117-103						311,583		311,583
FFRDC Reductions						-9,157		
Subtotal General Provision Reductions								-9,157
Subtotal General Provisions								-9,157
TOTAL FINANCING - FY 2022 PROGRAM		44,918,366				-619,124		44,299,242
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2023 (0100D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Security Cooperation Agency								
Budget Activity 04: Administration and Servicewide Activities								
Defense Security Cooperation Agency						2,018,258		2,018,258
FY 2022 Appropriated Base						2,018,258		2,018,258
FFRDC Reductions (Sec. 8027)						-1,128		
International Security Cooperation Programs (Sec. 8135)						1,299,386		
Ukraine Security Assistance (Sec. 8139)						300,000		
Reimbursement under section 1226 of NDAA for FY 2016 (Sec. 8137)						370,000		
Reimbursement to key cooperating nations for logistical, military and other support (Sec. 8136)						50,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities						2,018,258		2,018,258
Subtotal Defense Security Cooperation Agency						2,018,258		2,018,258
Defense Wide								
Budget Activity 04: Administration and Servicewide Activities								
Ukraine Presidential Drawdown						3,500,000		3,500,000
Ukrainian Supplemental, Division N of P.L. 117-103						3,500,000		3,500,000
Ukraine Assistance Supplemental (Div. N)						3,500,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities						3,500,000		3,500,000
Subtotal Defense Wide						3,500,000		3,500,000
Grand Total Operation and Maintenance, Defense-Wide , 2022/2023						5,518,258		5,518,258
Financing								
APPROPRIATION, P.L. 117-103 (Base)						2,019,386		2,019,386
Ukrainian Supplemental, Division N of P.L. 117-103						3,500,000		3,500,000
FFRDC Reductions						-1,128		
Subtotal General Provision Reductions								-1,128
Subtotal General Provisions								-1,128
TOTAL FINANCING - FY 2022 PROGRAM						5,518,258		5,518,258
Footnotes:								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2022/2025 (0100D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Office of Local Defense Community Cooperation								
Budget Activity 04: Administration and Servicewide Activities								
Office of Local Defense Community Cooperation						75,000		75,000
FY 2022 Appropriated Base						75,000		75,000
Transfer from Operation and Maintenance, Defense-wide, OLDCC, 2022/2022 to Operation and Maintenance Defense-wide, OLDCC 2022/2025 for grants to communities for military aviation noise for the purpose of installing noise mitigating insulation at covered facilities (Sec. 8120)						75,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities						75,000		75,000
Subtotal Office of Local Defense Community Cooperation						75,000		75,000
Grand Total Operation and Maintenance, Defense-Wide , 2022/2025						75,000		75,000
Financing								
APPROPRIATION, P.L. 117-103 (Base)						75,000		75,000
TOTAL FINANCING - FY 2022 PROGRAM						75,000		75,000
Footnotes:								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide, 2022/XXXX (0100DX)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Classified Programs								
Budget Activity 04: Administration and Servicewide Activities								
Classified Programs						72,000		72,000
FY 2022 Appropriated Base						72,000		72,000
Transfer from Operation and Maintenance, Defense-wide, Classified Programs, 2022/2022 to Operation Maintenance, Defense-Wide, Classified Programs 2022/XXXX for classified activities.						72,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities						72,000		72,000
Subtotal Classified Programs						72,000		72,000
Defense Wide								
Budget Activity 04: Administration and Servicewide Activities								
Red Hill Recovery Transfer Funds						200,000		200,000
FY 2022 Appropriated Base						100,000		100,000
1 / Red Hill (Sec. 8150)						100,000		
Other Supplemental(s)						100,000		100,000
1 / Red Hill Bulk Fuel Storage Facility, Sec. 165 of P.L. 117-86						100,000		
Subtotal Budget Activity 04: Administration and Servicewide Activities						200,000		200,000
Subtotal Defense Wide						200,000		200,000
OSD								
Budget Activity 04: Administration and Servicewide Activities								
Office of the Secretary of Defense								
Subtotal Budget Activity 04: Administration and Servicewide Activities								
Subtotal OSD								
Office of Local Defense Community Cooperation								
Budget Activity 04: Administration and Servicewide Activities								
Office of Local Defense Community Cooperation						516,233		516,233
FY 2022 Appropriated Base						516,233		516,233
1 / Schools on Military Installations (Sec. 8109)						516,233		
Subtotal Budget Activity 04: Administration and Servicewide Activities						516,233		516,233
Subtotal Office of Local Defense Community Cooperation						516,233		516,233

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Operation and Maintenance, Defense-Wide, 2022/XXXX (0100DX)							2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action		
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i	
Grand Total Operation and Maintenance, Defense-Wide, 2022/XXXX						788,233		788,233	
Financing									
APPROPRIATION, P.L. 117-103 (Base)						688,233		688,233	
Other Supplemental(s)						100,000		100,000	
TOTAL FINANCING - FY 2022 PROGRAM						788,233		788,233	
Footnotes:									
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.									
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.									

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Office of the Inspector General, 2022/2022 (0107D)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Inspector General								
Budget Activity 01: Operation And Maintenance		435,918						435,918
FY 2022 Appropriated Base		435,918						435,918
Subtotal Budget Activity 01: Operation And Maintenance		435,918						435,918
Subtotal Inspector General		435,918						435,918
Grand Total Office of the Inspector General, 2022/2022		435,918						435,918
Financing								
APPROPRIATION, P.L. 117-103 (Base)		435,918						435,918
TOTAL FINANCING - FY 2022 PROGRAM		435,918						435,918
Footnotes:								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Office of the Inspector General, 2022/2023 (0107D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
a								
Inspector General								
Budget Activity 02: RDT&E		2,365						2,365
FY 2022 Appropriated Base		2,365						2,365
Subtotal Budget Activity 02: RDT&E		2,365						2,365
Subtotal Inspector General		2,365						2,365
Grand Total Office of the Inspector General, 2022/2023		2,365						2,365
Financing								
APPROPRIATION, P.L. 117-103 (Base)		2,365						2,365
TOTAL FINANCING - FY 2022 PROGRAM		2,365						2,365
Footnotes:								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Office of the Inspector General, 2022/2024 (0107D)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Inspector General								
Budget Activity 03: Procurement		80						80
FY 2022 Appropriated Base		80						80
Subtotal Budget Activity 03: Procurement		80						80
Subtotal Inspector General		80						80
Grand Total Office of the Inspector General, 2022/2024		80						80
Financing								
APPROPRIATION, P.L. 117-103 (Base)		80						80
TOTAL FINANCING - FY 2022 PROGRAM		80						80
Footnotes:								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
United States Court of Appeals for the Armed Forces, 2022/2022 (0104D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
a								
US Court of Appeals for the Armed Forces, Defense								
Budget Activity 04: Administration And Associated Activities		15,589						15,589
FY 2022 Appropriated Base		15,589						15,589
Subtotal Budget Activity 04: Administration And Associated Activities		15,589						15,589
Subtotal US Court of Appeals for the Armed Forces, Defense		15,589						15,589
Grand Total United States Court of Appeals for the Armed Forces, 2022/2022		15,589						15,589
<i>Financing</i>								
APPROPRIATION, P.L. 117-103 (Base)		15,589						15,589
TOTAL FINANCING - FY 2022 PROGRAM		15,589						15,589
Footnotes:								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Drug Interdiction and Counter-Drug Activities, Defense, 2022/2022 (0105D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
DEPS								
Budget Activity 01: Counter-Narcotics Support		593,250				-13,500		579,750
FY 2022 Appropriated Base		593,250				-13,500		579,750
2 / Project 1387 insufficient budget justification						-8,500		
Reduce duplicative efforts						-5,000		
Subtotal Budget Activity 01: Counter-Narcotics Support		593,250				-13,500		579,750
Budget Activity 03: National Guard Counter-Drug Program		96,970				97,241		194,211
FY 2022 Appropriated Base		96,970				97,241		194,211
Program increase						97,241		
Subtotal Budget Activity 03: National Guard Counter-Drug Program		96,970				97,241		194,211
Budget Activity 04: National Guard Counter-Drug Schools		5,664				20,000		25,664
FY 2022 Appropriated Base		5,664				20,000		25,664
Program increase						20,000		
Subtotal Budget Activity 04: National Guard Counter-Drug Schools		5,664				20,000		25,664
Subtotal DEPS		695,884				103,741		799,625
DEPSDDR								
Budget Activity 02: Drug Demand Reduction Program		126,024						126,024
FY 2022 Appropriated Base		126,024						126,024
Subtotal Budget Activity 02: Drug Demand Reduction Program		126,024						126,024
Subtotal DEPSDDR		126,024						126,024
Grand Total Drug Interdiction and Counter-Drug Activities, Defense, 2022/2022		821,908				103,741		925,649
<i>Financing</i>								
APPROPRIATION, P.L. 117-103 (Base)		821,908				103,741		925,649
TOTAL FINANCING - FY 2022 PROGRAM		821,908				103,741		925,649
Footnotes:								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Defense Health Program, 2022/2022 (0130D)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Health Agency								
Budget Activity 01: Operation & Maintenance		34,182,719				-224,733		33,957,986
FY 2022 Appropriated Base		34,182,719				-224,733		33,957,986
1 / Program increase - FSRM						78,000		
1 / Program increase - Uniformed Services University of the Health Sciences fetal alcohol spectrum disorders prevention and clinical guidelines research						5,000		
1 / Program increase - anomalous health incidents care capacity						3,500		
1 / Program increase - specialized medical pilot program						2,500		
1 / Program increase - telehealth for military children and families						5,000		
1 / Program increase - therapeutic service dog training program						14,000		
2 / DHMSM excess growth						-2,528		
2 / Equipment purchases excess growth						-13,068		
2 / Excess funding for capability replacement						-104,462		
2 / Medical care contracts excess growth						-48,275		
2 / Unjustified cost growth						-140,600		
2 / Unjustified support services growth						-23,800		
Subtotal Budget Activity 01: Operation & Maintenance		34,182,719				-224,733		33,957,986
Subtotal Defense Health Agency		34,182,719				-224,733		33,957,986
Grand Total Defense Health Program, 2022/2022		34,182,719				-224,733		33,957,986
Financing								
APPROPRIATION, P.L. 117-103 (Base)		34,182,719				-224,733		33,957,986
TOTAL FINANCING - FY 2022 PROGRAM		34,182,719				-224,733		33,957,986
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. For Operation and Maintenance, any transfers into or out of the In-House Care and Private Sector Care budget subactivities is required to submit a prior approval reprogramming action. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Defense Health Program, 2022/2023 (0130D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Health Agency								
Budget Activity 02: RDT&E		630,680				2,002,808		2,633,488
FY 2022 Appropriated Base		630,680				2,002,808		2,633,488
1 / Chronic pain management						15,000		
1 / Combat readiness medical research						10,000		
1 / Global HIV/AIDS prevention						10,000		
1 / HIV/AIDS program increase						18,000		
1 / Joint warfighter medical research						40,000		
1 / Orthotics and prosthetics outcome research						20,000		
1 / Peer-reviewed ALS research						40,000		
1 / Peer-reviewed Duchenne muscular dystrophy research						10,000		
1 / Peer-reviewed alcohol and substance use disorders research						4,000		
1 / Peer-reviewed alzheimer research						15,000		
1 / Peer-reviewed autism research						15,000		
1 / Peer-reviewed bone marrow failure disease research						7,500		
1 / Peer-reviewed breast cancer research						150,000		
1 / Peer-reviewed cancer research						130,000		
1 / Peer-reviewed epilepsy research						12,000		
1 / Peer-reviewed hearing restoration research						10,000		
1 / Peer-reviewed kidney cancer research						50,000		
1 / Peer-reviewed lung cancer research						20,000		
1 / Peer-reviewed lupus research						10,000		
1 / Peer-reviewed medical research						370,000		
1 / Peer-reviewed melanoma research						40,000		
1 / Peer-reviewed multiple sclerosis research						20,000		
1 / Peer-reviewed orthopedic research						30,000		
1 / Peer-reviewed ovarian cancer research						45,000		
1 / Peer-reviewed pancreatic cancer research						15,000		
1 / Peer-reviewed prostate cancer research						110,000		
1 / Peer-reviewed rare cancers research						17,500		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Defense Health Program, 2022/2023 (0130D)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
a								
1 / Peer-reviewed reconstructive transplant research						12,000		
1 / Peer-reviewed spinal cord research						40,000		
1 / Peer-reviewed tickborne disease research						7,000		
1 / Peer-reviewed toxic exposures research						30,000		
1 / Peer-reviewed traumatic brain injury and psychological health research						175,000		
1 / Peer-reviewed tuberous sclerosis complex research						8,000		
1 / Peer-reviewed vision research						20,000		
1 / Program increase - Armed Forces Institute of Regenerative Medicine III						10,000		
1 / Program increase - GDF - medical products support and advanced concept development						5,608		
1 / Program increase - NDMS medical surge pilot						15,000		
1 / Program increase - Uniformed Services University of the Health Sciences military surgical teams simulation technology						5,000		
1 / Program increase - Uniformed Services University of the Health Sciences multi-domain operations						35,000		
1 / Program increase - brain injury and disease prevention research						60,000		
1 / Program increase - clinical research						10,000		
1 / Program increase - joint civilian-medical surge facility						14,000		
1 / Restore core funding reduction						312,200		
1 / Trauma clinical research program						10,000		
Subtotal Budget Activity 02: RDT&E		630,680				2,002,808		2,633,488
Subtotal Defense Health Agency		630,680				2,002,808		2,633,488
Grand Total Defense Health Program, 2022/2023		630,680				2,002,808		2,633,488
Financing								
APPROPRIATION, P.L. 117-103 (Base)		630,680				2,002,808		2,633,488
TOTAL FINANCING - FY 2022 PROGRAM		630,680				2,002,808		2,633,488
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Defense Health Program, 2022/2024 (0130D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Health Agency								
Budget Activity 03: Procurement		779,008				-20,300		758,708
FY 2022 Appropriated Base		779,008				-20,300		758,708
2 / Excess growth						-20,300		
Subtotal Budget Activity 03: Procurement		779,008				-20,300		758,708
Subtotal Defense Health Agency		779,008				-20,300		758,708
Grand Total Defense Health Program, 2022/2024		779,008				-20,300		758,708
Financing								
APPROPRIATION, P.L. 117-103 (Base)		779,008				-20,300		758,708
TOTAL FINANCING - FY 2022 PROGRAM		779,008				-20,300		758,708
Footnotes:								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
For Procurement, the Below Threshold Reprogramming limitation is \$20 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Defense Health Program, 2022/XXXX (0130DX)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Health Agency								
Budget Activity 01: Operation & Maintenance						5,000		5,000
FY 2022 Appropriated Base						5,000		5,000
1 / Fisher House (Sec. 8069)						5,000		
Subtotal Budget Activity 01: Operation & Maintenance						5,000		5,000
Subtotal Defense Health Agency						5,000		5,000
Grand Total Defense Health Program, 2022/XXXX						5,000		5,000
Financing								
APPROPRIATION, P.L. 117-103 (Base)						5,000		5,000
TOTAL FINANCING - FY 2022 PROGRAM						5,000		5,000
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Environmental Restoration Accounts, Defense, 2022/XXXX (0810DX)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Wide								
Budget Activity 04: Defense-Wide		8,783				2,196		10,979
FY 2022 Appropriated Base		8,783				2,196		10,979
Program increase						2,196		
Subtotal Budget Activity 04: Defense-Wide		8,783				2,196		10,979
Subtotal Defense Wide		8,783				2,196		10,979
Grand Total Environmental Restoration Accounts, Defense, 2022/XXXX		8,783				2,196		10,979
Financing								
APPROPRIATION, P.L. 117-103 (Base)		8,783				2,196		10,979
TOTAL FINANCING - FY 2022 PROGRAM		8,783				2,196		10,979
Footnotes:								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Environmental Restoration, Formerly Used Defense Sites , 2022/XXXX (0811DX)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Wide								
Budget Activity 05: Defense-Wide		218,580				74,000		292,580
FY 2022 Appropriated Base		218,580				74,000		292,580
Program increase						74,000		
Subtotal Budget Activity 05: Defense-Wide		218,580				74,000		292,580
Subtotal Defense Wide		218,580				74,000		292,580
Grand Total Environmental Restoration, Formerly Used Defense Sites , 2022/XXXX		218,580				74,000		292,580
Financing								
APPROPRIATION, P.L. 117-103 (Base)		218,580				74,000		292,580
TOTAL FINANCING - FY 2022 PROGRAM		218,580				74,000		292,580
Footnotes:								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Overseas Humanitarian, Disaster, and Civic Aid, Defense, 2022/2023 (0819D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Security Cooperation Agency								
Budget Activity 01: Humanitarian Assistance		110,051				6,250,000		6,360,051
FY 2022 Appropriated Base		110,051				50,000		160,051
1 / Program increase - Foreign Disaster Relief						10,000		
1 / Program increase - Humanitarian Assistance						32,500		
1 / Program increase - Humanitarian Mine Action Program						7,500		
Other Supplemental(s)						6,200,000		6,200,000
Additional Afghanistan Supplemental, Division B of P.L. 117-70						4,000,000		
Afghanistan Supplemental, Division C of P.L. 117-43						2,200,000		
Subtotal Budget Activity 01: Humanitarian Assistance		110,051				6,250,000		6,360,051
Subtotal Defense Security Cooperation Agency		110,051				6,250,000		6,360,051
Grand Total Overseas Humanitarian, Disaster, and Civic Aid, Defense, 2022/2023		110,051				6,250,000		6,360,051
Financing								
APPROPRIATION, P.L. 117-103 (Base)		110,051				50,000		160,051
Other Supplemental(s)						6,200,000		6,200,000
TOTAL FINANCING - FY 2022 PROGRAM		110,051				6,250,000		6,360,051
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Cooperative Threat Reduction Account, 2022/2024 (0134D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
a								
Defense Threat Reduction Agency								
Budget Activity 01: Cooperative Threat Reduction		239,849				105,000		344,849
FY 2022 Appropriated Base		239,849				105,000		344,849
1 / Program increase - Biological Threat Reduction Program						105,000		
Subtotal Budget Activity 01: Cooperative Threat Reduction		239,849				105,000		344,849
Subtotal Defense Threat Reduction Agency		239,849				105,000		344,849
Grand Total Cooperative Threat Reduction Account, 2022/2024		239,849				105,000		344,849
Financing								
APPROPRIATION, P.L. 117-103 (Base)		239,849				105,000		344,849
TOTAL FINANCING - FY 2022 PROGRAM		239,849				105,000		344,849
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: DoD Acquisition Workforce Development Fund, 2022/2022 (0111D)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Acquisition University								
Budget Activity 01: Acquisition Workforce Development		54,679				2,000		56,679
FY 2022 Appropriated Base		54,679				2,000		56,679
1 / Program increase - diversity STEM talent development						2,000		
Subtotal Budget Activity 01: Acquisition Workforce Development		54,679				2,000		56,679
Subtotal Defense Acquisition University		54,679				2,000		56,679
Grand Total DoD Acquisition Workforce Development Fund, 2022/2022		54,679				2,000		56,679
Financing								
APPROPRIATION, P.L. 117-103 (Base)		54,679				2,000		56,679
TOTAL FINANCING - FY 2022 PROGRAM		54,679				2,000		56,679
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Defense-Wide, 2022/2024 (0300D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Chemical and Biological Defense Program								
Budget Activity 03: Chemical/Biological Defense								
03 Chemical Biological Situational Awareness		167,918				-16,738		151,180
FY 2022 Appropriated Base		167,918				-16,738		151,180
2 / FC ACS excess growth						-16,450		
2 / Unit cost growth - DRS						-188		
2 / Program Support growth -SCIRP						-100		
03 CB Protection & Hazard Mitigation		189,265				1,769		191,034
FY 2022 Appropriated Base		189,265				1,769		191,034
1 / Program increase - smallpox antiviral stockpile						10,000		
2 / UIPE FOS GP						-5,381		
2 / UIPE FOS air support cost growth						-2,250		
2 / JSAM SA cost growth						-600		
Subtotal Budget Activity 03: Chemical/Biological Defense		357,183				-14,969		342,214
Subtotal Chemical and Biological Defense Program		357,183				-14,969		342,214
Classified Programs								
Budget Activity 01: Major Equipment								
01 Classified Programs		635,338				-4,891		630,447
FY 2022 Appropriated Base		635,338				-9,000		626,338
2 / Classified adjustment						-9,000		
Ukrainian Supplemental, Division N of P.L. 117-103						4,109		4,109
Ukraine Assistance Supplemental (Div. N)						4,109		
Subtotal Budget Activity 01: Major Equipment		635,338				-4,891		630,447
Subtotal Classified Programs		635,338				-4,891		630,447
Defense Counterintelligence and Security Agency								
Budget Activity 01: Major Equipment								
01 Major Equipment		3,014						3,014
FY 2022 Appropriated Base		3,014						3,014
Subtotal Budget Activity 01: Major Equipment		3,014						3,014
Subtotal Defense Counterintelligence and Security Agency		3,014						3,014
Defense Human Resource Activities								
Budget Activity 01: Major Equipment								
01 Personnel Administration		4,042						4,042
FY 2022 Appropriated Base		4,042						4,042
Subtotal Budget Activity 01: Major Equipment		4,042						4,042
Subtotal Defense Human Resource Activities		4,042						4,042

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Procurement, Defense-Wide, 2022/2024 (0300D)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Information Systems Agency								
Budget Activity 01: Major Equipment								
01 Information Systems Security		18,923						18,923
FY 2022 Appropriated Base		18,923						18,923
01 Teleport Program		34,908						34,908
FY 2022 Appropriated Base		34,908						34,908
01 Joint Forces Headquarters - DODIN		1,968						1,968
FY 2022 Appropriated Base		1,968						1,968
01 Items Less Than \$5 Million		42,270				2,150		44,420
FY 2022 Appropriated Base		42,270						42,270
Ukrainian Supplemental, Division N of P.L. 117-103						2,150		2,150
Ukraine Assistance Supplemental (Div. N)						2,150		
01 Defense Information System Network		18,025						18,025
FY 2022 Appropriated Base		18,025						18,025
01 White House Communication Agency		44,522						44,522
FY 2022 Appropriated Base		44,522						44,522
01 Senior Leadership Enterprise		54,592						54,592
FY 2022 Appropriated Base		54,592						54,592
01 Joint Regional Security Stacks (JRSS)		62,657						62,657
FY 2022 Appropriated Base		62,657						62,657
01 Joint Service Provider		102,039						102,039
FY 2022 Appropriated Base		102,039						102,039
01 Fourth Estate Network Optimization (4ENO)		80,645						80,645
FY 2022 Appropriated Base		80,645						80,645
Subtotal Budget Activity 01: Major Equipment		460,549				2,150		462,699
Subtotal Defense Information Systems Agency		460,549				2,150		462,699
Defense Logistics Agency								
Budget Activity 01: Major Equipment								
01 Major Equipment		530,896				-20,000		510,896
FY 2022 Appropriated Base		530,896				-20,000		510,896
2 / MGUE excess growth						-20,000		
Subtotal Budget Activity 01: Major Equipment		530,896				-20,000		510,896
Subtotal Defense Logistics Agency		530,896				-20,000		510,896
Defense Media Activity								
Budget Activity 01: Major Equipment								
01 Major Equipment		8,498						8,498
FY 2022 Appropriated Base		8,498						8,498
Subtotal Budget Activity 01: Major Equipment		8,498						8,498
Subtotal Defense Media Activity		8,498						8,498

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Defense-Wide, 2022/2024 (0300D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense POW/MIA Accounting Agency								
Budget Activity 01: Major Equipment								
01 Major Equipment, DPAA	10	494					10	494
FY 2022 Appropriated Base	10	494					10	494
Subtotal Budget Activity 01: Major Equipment		494						494
Subtotal Defense POW/MIA Accounting Agency		494						494
Defense Threat Reduction Agency								
Budget Activity 01: Major Equipment								
01 Vehicles		118						118
FY 2022 Appropriated Base		118						118
01 Other Major Equipment		12,681						12,681
FY 2022 Appropriated Base		12,681						12,681
Subtotal Budget Activity 01: Major Equipment		12,799						12,799
Subtotal Defense Threat Reduction Agency		12,799						12,799
Department of Defense Education Activity								
Budget Activity 01: Major Equipment								
01 Automation/Educational Support & Logistics		2,963						2,963
FY 2022 Appropriated Base		2,963						2,963
Subtotal Budget Activity 01: Major Equipment		2,963						2,963
Subtotal Department of Defense Education Activity		2,963						2,963
Missile Defense Agency								
Budget Activity 01: Major Equipment								
01 THAAD	18	251,543			14	129,179	32	380,722
FY 2022 Appropriated Base	18	251,543			14	129,179	32	380,722
1 / Program increase - fourteen THAAD interceptors					14	129,179		
01 Aegis BMD	40	334,621					40	334,621
FY 2022 Appropriated Base	40	334,621					40	334,621
01 Aegis BMD Advance Procurement (CY)		17,493						17,493
FY 2022 Appropriated Base		17,493						17,493
01 BMDS AN/TPY-2 Radars		2,738						2,738
FY 2022 Appropriated Base		2,738						2,738
01 SM-3 IAs	8	295,322			8	192,700	16	488,022
FY 2022 Appropriated Base	8	295,322			8	192,700	16	488,022
1 / Program increase - eight SM-3 IIA interceptors					8	192,700		
01 Arrow 3 Upper Tier Systems	1	62,000					1	62,000
FY 2022 Appropriated Base	1	62,000					1	62,000

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Defense-Wide, 2022/2024 (0300D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01 Short Range Ballistic Missile Defense (SRBMD)	1	30,000					1	30,000
FY 2022 Appropriated Base	1	30,000					1	30,000
01 Defense of Guam Procurement		40,000				40,000		80,000
FY 2022 Appropriated Base		40,000				40,000		80,000
1 / Program increase - Guam defense system acceleration						40,000		
01 Aegis Ashore Phase III		25,866						25,866
FY 2022 Appropriated Base		25,866						25,866
01 Iron Dome	1	108,000				1,000,000	1	1,108,000
FY 2022 Appropriated Base	1	108,000				1,000,000	1	1,108,000
1 / Government of Israel procurement of Iron Dome (Sec. 8142)						1,000,000		
01 Aegis BMD Hardware and Software	14	81,791			-9		5	81,791
FY 2022 Appropriated Base	14	81,791			-9		5	81,791
3 / Reduction in quantity reflects a change in the counting method					-9			
Subtotal Budget Activity 01: Major Equipment		1,249,374				1,361,879		2,611,253
Subtotal Missile Defense Agency		1,249,374				1,361,879		2,611,253
National Security Agency								
Budget Activity 01: Major Equipment								
01 Information Systems Security Program (ISSP)		315						315
FY 2022 Appropriated Base		315						315
Subtotal Budget Activity 01: Major Equipment		315						315
Subtotal National Security Agency		315						315
OSD								
Budget Activity 01: Major Equipment								
01 Major Equipment, OSD		31,420				136,000		167,420
FY 2022 Appropriated Base		31,420				128,000		159,420
1 / Program increase - mentor-protege program						3,000		
1 / Indian Financing (Sec. 8025)						25,000		
1, / Agile Procurement Transition Pilot						100,000		
4								
Ukrainian Supplemental, Division N of P.L. 117-103						8,000		8,000
Ukraine Assistance Supplemental (Div. N)						8,000		
Subtotal Budget Activity 01: Major Equipment		31,420				136,000		167,420
Subtotal OSD		31,420				136,000		167,420

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Defense-Wide, 2022/2024 (0300D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Space Development Agency								
Budget Activity 01: Major Equipment								
01 Major Equipment, SDA		74,060				12,000		86,060
FY 2022 Appropriated Base		74,060				12,000		86,060
Transfer from RDDW line 126 (PE1206410SDA (BA04)) only to fully fund Tranche 1 launch						12,000		
Subtotal Budget Activity 01: Major Equipment		74,060				12,000		86,060
Subtotal Space Development Agency		74,060				12,000		86,060
Special Operations Command								
Budget Activity 02: Special Operations Command								
02 Armed Overwatch/Targeting	6	170,000				-4,000	6	166,000
FY 2022 Appropriated Base	6	170,000				-4,000	6	166,000
2 / Unit cost growth						-4,000		
02 Manned ISR		2,500						2,500
FY 2022 Appropriated Base		2,500						2,500
02 MC-12		2,250						2,250
FY 2022 Appropriated Base		2,250						2,250
02 MH-60 Blackhawk		29,900				29,076		58,976
FY 2022 Appropriated Base		29,900				29,076		58,976
1 / Program increase - battle loss replacement						29,076		
02 Rotary Wing Upgrades and Sustainment		202,278				5,000		207,278
FY 2022 Appropriated Base		202,278				5,000		207,278
1 / Program increase - DVEPS						5,000		
02 Unmanned ISR		55,951				9,000		64,951
FY 2022 Appropriated Base		55,951				9,000		64,951
1 / Program increase - soldier borne systems						9,000		
02 Non-Standard Aviation		3,282						3,282
FY 2022 Appropriated Base		3,282						3,282
02 U-28		4,176						4,176
FY 2022 Appropriated Base		4,176						4,176
02 MH-47 Chinook		130,485						130,485
FY 2022 Appropriated Base		130,485						130,485
02 CV-22 Modification		41,762				4,810		46,572
FY 2022 Appropriated Base		41,762				4,810		46,572
1 / Program increase - CV-22 reliability acceleration						5,810		
2 / ICS growth						-1,000		
02 MQ-9 Unmanned Aerial Vehicle		8,020						8,020
FY 2022 Appropriated Base		8,020						8,020

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Procurement, Defense-Wide, 2022/2024 (0300D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Precision Strike Package		165,224						165,224
FY 2022 Appropriated Base		165,224						165,224
02 AC/MC-130J		205,216						205,216
FY 2022 Appropriated Base		205,216						205,216
02 C-130 Modifications		13,373						13,373
FY 2022 Appropriated Base		13,373						13,373
02 Underwater Systems		17,227				6,100		23,327
FY 2022 Appropriated Base		17,227				6,100		23,327
1 / Program increase - modernized forward-look sonar						900		
1 / Program increase - combat diving advanced equipment acceleration						5,200		
02 Ordnance Items <\$5M		168,072				-5,860		162,212
FY 2022 Appropriated Base		168,072				-5,860		162,212
2 / Excess to need						-5,860		
02 Intelligence Systems		131,889						131,889
FY 2022 Appropriated Base		131,889						131,889
02 Distributed Common Ground/Surface Systems		5,991						5,991
FY 2022 Appropriated Base		5,991						5,991
02 Other Items <\$5M		62,722				-7,000		55,722
FY 2022 Appropriated Base		62,722				-7,000		55,722
2 / Collateral equipment program decrease						-7,000		
02 Combatant Craft Systems		17,080						17,080
FY 2022 Appropriated Base		17,080						17,080
02 Special Programs		44,351				31,180		75,531
FY 2022 Appropriated Base		44,351				31,180		75,531
1 / Program increase - medium fixed wing mobility modifications						31,180		
02 Tactical Vehicles		26,806				10,000		36,806
FY 2022 Appropriated Base		26,806				10,000		36,806
1 / Program increase - non-standard commercial vehicles						10,000		
02 Warrior Systems <\$5M		284,548				79,830		364,378
FY 2022 Appropriated Base		284,548				79,830		364,378
1 / Program increase - STC						1,500		
1 / Program increase - cUAS						78,330		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Procurement, Defense-Wide, 2022/2024 (0300D)						Fiscal Year Program: 2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 Combat Mission Requirements		27,513				-23,000		4,513
FY 2022 Appropriated Base		27,513				-23,000		4,513
2 / Underexecution						-23,000		
02 Operational Enhancements Intelligence		20,252						20,252
FY 2022 Appropriated Base		20,252						20,252
02 Operational Enhancements		328,569				61,303		389,872
FY 2022 Appropriated Base		328,569				61,303		389,872
1 / Program increase - AGMS acceleration						33,303		
1 / Program increase - fused panoramic night vision goggles (F-PANO) acceleration						28,000		
Subtotal Budget Activity 02: Special Operations Command		2,169,437				196,439		2,365,876
Subtotal Special Operations Command		2,169,437				196,439		2,365,876
The Joint Staff								
Budget Activity 01: Major Equipment								
01 Major Equipment, TJS		7,830						7,830
FY 2022 Appropriated Base		7,830						7,830
Subtotal Budget Activity 01: Major Equipment		7,830						7,830
Subtotal The Joint Staff		7,830						7,830
Washington Headquarters Services								
Budget Activity 01: Major Equipment								
01 Major Equipment, WHS								
FY 2022 Appropriated Base								
1 / Agile Procurement Transition Pilot						100,000		
4 / Agile Procurement Transition Pilot						-100,000		
Subtotal Budget Activity 01: Major Equipment								
Subtotal Washington Headquarters Services								
Grand Total Procurement, Defense-Wide, 2022/2024		5,548,212				1,668,608		7,216,820
Financing								
APPROPRIATION, P.L. 117-103 (Base)		5,548,212				1,654,349		7,202,561
Ukrainian Supplemental, Division N of P.L. 117-103						14,259		14,259
TOTAL FINANCING - FY 2022 PROGRAM		5,548,212				1,668,608		7,216,820
Footnotes: <ul style="list-style-type: none"> 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. 2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions. 3 / Quantity reduction reflects a change to hardware installs only in accordance with the Financial Management Regulation (FMR). 4 / Realignment from WHS to OSD for Proper Execution <p>For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.</p>								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
National Guard and Reserve Equipment, 2022/2024 (0350D)						2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Air Force								
Budget Activity 01: Reserve Equipment								
01 Miscellaneous Equipment, AF Reserve						155,000		155,000
FY 2022 Appropriated Base						155,000		155,000
1 / Program increase - miscellaneous equipment						155,000		
Subtotal Budget Activity 01: Reserve Equipment						155,000		155,000
Budget Activity 02: National Guard Equipment								
02 Miscellaneous Equipment, Air National Guard						285,000		285,000
FY 2022 Appropriated Base						285,000		285,000
1 / Program increase - miscellaneous equipment						285,000		
Subtotal Budget Activity 02: National Guard Equipment						285,000		285,000
Subtotal Air Force						440,000		440,000
Army								
Budget Activity 01: Reserve Equipment								
01 Miscellaneous Equipment, Army Reserve						155,000		155,000
FY 2022 Appropriated Base						155,000		155,000
1 / Program increase - miscellaneous equipment						155,000		
Subtotal Budget Activity 01: Reserve Equipment						155,000		155,000
Budget Activity 02: National Guard Equipment								
02 Miscellaneous Equipment, Army National Guard						285,000		285,000
FY 2022 Appropriated Base						285,000		285,000
1 / Program increase - miscellaneous equipment						285,000		
Subtotal Budget Activity 02: National Guard Equipment						285,000		285,000
Subtotal Army						440,000		440,000

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
National Guard and Reserve Equipment, 2022/2024 (0350D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
NAVY								
Budget Activity 01: Reserve Equipment								
01 Miscellaneous Equipment, Navy Reserve						52,500		52,500
FY 2022 Appropriated Base						52,500		52,500
1 / Program increase - miscellaneous equipment						52,500		
01 Miscellaneous Equipment, Marine Corps Reserve						17,500		17,500
FY 2022 Appropriated Base						17,500		17,500
1 / Program increase - miscellaneous equipment						17,500		
Subtotal Budget Activity 01: Reserve Equipment						70,000		70,000
Subtotal NAVY						70,000		70,000
Grand Total National Guard and Reserve Equipment, 2022/2024						950,000		950,000
Financing								
APPROPRIATION, P.L. 117-103 (Base)						950,000		950,000
TOTAL FINANCING - FY 2022 PROGRAM						950,000		950,000
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title: Defense Production Act Purchases, 2022/XXXX (0360DX)						Fiscal Year Program: 2022		
Line Item a	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
OSD								
Budget Activity 01: Defense Production Act Purchases								
01 Defense Production Act Purchases		340,927				47,400		388,327
FY 2022 Appropriated Base		340,927				47,400		388,327
1 / Program increase - rare earth supply chain						40,000		
1 / Program increase - manufacturing of shipbuilding components						5,000		
1 / Program increase - inspection and process control technology for microfluidic device						2,400		
Subtotal Budget Activity 01: Defense Production Act Purchases		340,927				47,400		388,327
Subtotal OSD		340,927				47,400		388,327
Grand Total Defense Production Act Purchases, 2022/XXXX		340,927				47,400		388,327
Financing								
APPROPRIATION, P.L. 117-103 (Base)		340,927				47,400		388,327
TOTAL FINANCING - FY 2022 PROGRAM		340,927				47,400		388,327
Footnotes: 1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program. For Procurement, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Chemical Agents and Munitions Destruction, 2022/2022 (0390D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Army								
Budget Activity 01: Operation and Maintenance								
01 Chem Demilitarization - O&M		93,121				-26,534		66,587
FY 2022 Appropriated Base		93,121				-26,534		66,587
Transfer to 0390D 22/23 per PL 117-103, Title VI, page 123						-26,534		
Subtotal Budget Activity 01: Operation and Maintenance		93,121				-26,534		66,587
Subtotal Army		93,121				-26,534		66,587
Grand Total Chemical Agents and Munitions Destruction, 2022/2022		93,121				-26,534		66,587
Financing								
APPROPRIATION, P.L. 117-103 (Base)		93,121				-26,534		66,587
TOTAL FINANCING - FY 2022 PROGRAM		93,121				-26,534		66,587
Footnotes:								
For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Chemical Agents and Munitions Destruction, 2022/2023 (0390D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Army								
Budget Activity 01: Operation and Maintenance								
01 Chem Demilitarization - O&M						26,534		26,534
FY 2022 Appropriated Base						26,534		26,534
Transfer from 0390D 22/22 per PL 117-103, Title VI, page 123						26,534		
Subtotal Budget Activity 01: Operation and Maintenance						26,534		26,534
Budget Activity 02: Research, Development, Test, And Evaluation								
02 Chem Demilitarization - RDT&E		1,001,231				-1,100		1,000,131
FY 2022 Appropriated Base		1,001,231				-1,100		1,000,131
FFRDC Reductions (Sec. 8027)						-1,100		
Subtotal Budget Activity 02: Research, Development, Test, And Evaluation		1,001,231				-1,100		1,000,131
Subtotal Army		1,001,231				25,434		1,026,665
Grand Total Chemical Agents and Munitions Destruction, 2022/2023		1,001,231				25,434		1,026,665
Financing								
APPROPRIATION, P.L. 117-103 (Base)		1,001,231				26,534		1,027,765
FFRDC Reductions						-1,100		
Subtotal General Provision Reductions								-1,100
Subtotal General Provisions								-1,100
TOTAL FINANCING - FY 2022 PROGRAM		1,001,231				25,434		1,026,665
Footnotes:								
For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$10 million between Defense Agencies.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Chemical and Biological Defense Program								
Budget Activity 01: Basic Research								
01 0601384BP Chemical and Biological Defense Program		34,708				2,500		37,208
FY 2022 Appropriated Base		34,708				2,500		37,208
1 / Program increase - chemically resistant, high-performance military cordage, rope, and webbing						2,500		
Subtotal Budget Activity 01: Basic Research		34,708				2,500		37,208
Budget Activity 02: Applied Research								
02 0602384BP Chemical and Biological Defense Program		206,956				3,000		209,956
FY 2022 Appropriated Base		206,956				3,000		209,956
1 / Program increase - tularemia medical countermeasure						3,000		
Subtotal Budget Activity 02: Applied Research		206,956				3,000		209,956
Budget Activity 03: Advanced Technology Development								
03 0603384BP Chemical and Biological Defense Program - Advanced Development		197,824						197,824
FY 2022 Appropriated Base		197,824						197,824
Subtotal Budget Activity 03: Advanced Technology Development		197,824						197,824
Budget Activity 04: Advanced Component Development & Prototypes								
04 0603884BP Chemical and Biological Defense Program - Dem/Val		129,445				4,500		133,945
FY 2022 Appropriated Base		129,445				4,500		133,945
1 / Program increase - development of medical countermeasures against novel entities (DOMANE)						4,500		
Subtotal Budget Activity 04: Advanced Component Development & Prototypes		129,445				4,500		133,945
Budget Activity 05: System Development and Demonstration								
05 0604384BP Chemical and Biological Defense Program - EMD		299,848						299,848
FY 2022 Appropriated Base		299,848						299,848
Subtotal Budget Activity 05: System Development and Demonstration		299,848						299,848
Budget Activity 06: Management Support								
06 0605384BP Chemical and Biological Defense Program		110,503				5,000		115,503
FY 2022 Appropriated Base		110,503				5,000		115,503
1 / Program increase - biological weapons testing						5,000		
Subtotal Budget Activity 06: Management Support		110,503				5,000		115,503
Budget Activity 07: Operational Systems Development								
07 0607384BP Chemical and Biological Defense (Operational Systems Development)		58,261						58,261
FY 2022 Appropriated Base		58,261						58,261
Subtotal Budget Activity 07: Operational Systems Development		58,261						58,261
Subtotal Chemical and Biological Defense Program		1,037,545				15,000		1,052,545

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Classified Programs								
Budget Activity 06: Management Support								
06 999999999 Classified Programs		37,520						37,520
FY 2022 Appropriated Base		37,520						37,520
Subtotal Budget Activity 06: Management Support		37,520						37,520
Budget Activity 07: Operational Systems Development								
07 999999999 Classified Programs		5,207,305				177,605		5,384,910
FY 2022 Appropriated Base		5,207,305				166,260		5,373,565
1 / Classified adjustment						166,260		
Ukrainian Supplemental, Division N of P.L. 117-103						11,345		11,345
Ukraine Assistance Supplemental (Div. N)						11,345		
Subtotal Budget Activity 07: Operational Systems Development		5,207,305				177,605		5,384,910
Subtotal Classified Programs		5,244,825				177,605		5,422,430
Defense Advanced Research Projects Agency								
Budget Activity 01: Basic Research								
01 0601101E Defense Research Sciences		395,781				48,061		443,842
FY 2022 Appropriated Base		395,781				48,061		443,842
1 / Program increase - ERI 2.0						20,000		
1 / Program increase - AI, cyber, and data analytics						30,000		
FFRDC Reductions (Sec. 8027)						-1,939		
01 0601117E Basic Operational Medical Research Science		76,018				1,500		77,518
FY 2022 Appropriated Base		76,018				1,500		77,518
1 / Project increase - novel analytical and empirical approaches to the prediction and monitoring of disease transmission						1,500		
Subtotal Budget Activity 01: Basic Research		471,799				49,561		521,360
Budget Activity 02: Applied Research								
02 0602115E Biomedical Technology		108,698						108,698
FY 2022 Appropriated Base		108,698						108,698
02 0602303E Information & Communications Technology		430,363				50,000		480,363
FY 2022 Appropriated Base		430,363				50,000		480,363
1 / Project increase - quantum computing						25,000		
1 / Program increase - AI cyber and data analytics						25,000		
02 0602383E Biological Warfare Defense		31,421						31,421
FY 2022 Appropriated Base		31,421						31,421

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02 0602702E Tactical Technology		202,515				5,000		207,515
FY 2022 Appropriated Base		202,515				5,000		207,515
1 / Program increase - AI, cyber, and data analytics						15,000		
2 / Underexecution						-10,000		
02 0602715E Materials and Biological Technology		317,024				-9,000		308,024
FY 2022 Appropriated Base		317,024				-9,000		308,024
2 / Unjustified increase						-9,000		
02 0602716E Electronics Technology		357,384				36,000		393,384
FY 2022 Appropriated Base		357,384				36,000		393,384
1 / Program increase - ERI 2.0						36,000		
Subtotal Budget Activity 02: Applied Research		1,447,405				82,000		1,529,405
Budget Activity 03: Advanced Technology Development								
03 0603286E Advanced Aerospace Systems		174,043				20,000		194,043
FY 2022 Appropriated Base		174,043				20,000		194,043
1 / Program increase - hypersonics risk reduction						20,000		
03 0603287E Space Programs and Technology		101,524				80,000		181,524
FY 2022 Appropriated Base		101,524				80,000		181,524
1 / Program increase - hypersonics risk reduction						80,000		
03 0603739E Advanced Electronics Technologies		116,716				24,000		140,716
FY 2022 Appropriated Base		116,716				24,000		140,716
1 / Program increase - ERI 2.0						24,000		
03 0603760E Command, Control and Communications Systems		251,794						251,794
FY 2022 Appropriated Base		251,794						251,794
03 0603766E Network-Centric Warfare Technology		584,771				83,500		668,271
FY 2022 Appropriated Base		584,771				71,000		655,771
1 / Program increase - deployable surveillance systems						21,000		
1 / Program increase - Assault Breaker II acceleration						50,000		
Ukrainian Supplemental, Division N of P.L. 117-103						12,500		12,500
Ukraine Assistance Supplemental (Div. N)						12,500		
03 0603767E Sensor Technology		294,792						294,792
FY 2022 Appropriated Base		294,792						294,792
Subtotal Budget Activity 03: Advanced Technology Development		1,523,640				207,500		1,731,140
Budget Activity 06: Management Support								
06 0605001E Mission Support		73,145						73,145
FY 2022 Appropriated Base		73,145						73,145
06 0605898E Management HQ - R&D		12,740						12,740
FY 2022 Appropriated Base		12,740						12,740
Subtotal Budget Activity 06: Management Support		85,885						85,885
Subtotal Defense Advanced Research Projects Agency		3,528,729				339,061		3,867,790

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Defense Contract Audit Agency								
Budget Activity 04: Advanced Component Development & Prototypes								
04 0300206R Enterprise Information Technology Systems		2,568						2,568
FY 2022 Appropriated Base		2,568						2,568
Subtotal Budget Activity 04: Advanced Component Development & Prototypes		2,568						2,568
Subtotal Defense Contract Audit Agency		2,568						2,568
Defense Contract Management Agency								
Budget Activity 05: System Development and Demonstration								
05 0605013BL Information Technology Development		4,265						4,265
FY 2022 Appropriated Base		4,265						4,265
Subtotal Budget Activity 05: System Development and Demonstration		4,265						4,265
Subtotal Defense Contract Management Agency		4,265						4,265
Defense Counterintelligence and Security Agency								
Budget Activity 07: Operational Systems Development								
07 0604130V Enterprise Security System (ESS)		5,355						5,355
FY 2022 Appropriated Base		5,355						5,355
07 0303430V Federal Investigative Services Information Technology		16,050						16,050
FY 2022 Appropriated Base		16,050						16,050
07 0305128V Security and Investigative Activities		8,800						8,800
FY 2022 Appropriated Base		8,800						8,800
07 0305146V Defense Joint Counterintelligence Activities		3,820						3,820
FY 2022 Appropriated Base		3,820						3,820
07 0305327V Insider Threat						3,000		3,000
FY 2022 Appropriated Base						3,000		3,000
1 / Program increase						3,000		
Subtotal Budget Activity 07: Operational Systems Development		34,025				3,000		37,025
Budget Activity 08: Software And Digital Technology Pilot Programs								
08 0608197V National Background Investigation Services - Software Pilot Program		123,570						123,570
FY 2022 Appropriated Base		123,570						123,570
Subtotal Budget Activity 08: Software And Digital Technology Pilot Programs		123,570						123,570
Subtotal Defense Counterintelligence and Security Agency		157,595				3,000		160,595

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
a								
Defense Human Resource Activities								
Budget Activity 05: System Development and Demonstration								
05 0605021SE Homeland Personnel Security Initiative		7,205						7,205
FY 2022 Appropriated Base		7,205						7,205
Subtotal Budget Activity 05: System Development and Demonstration		7,205						7,205
Budget Activity 06: Management Support								
06 0605803SE R&D in Support of DoD Enlistment, Testing and Evaluation		18,762				3,000		21,762
FY 2022 Appropriated Base		18,762				3,000		21,762
1 / Program increase - implementation of the Independent Review Commission on Sexual Assault in the Military						3,000		
06 0303140SE Information Systems Security Program		853						853
FY 2022 Appropriated Base		853						853
06 0808709SE Defense Equal Opportunity Management Institute (DEOMI)		689						689
FY 2022 Appropriated Base		689						689
Subtotal Budget Activity 06: Management Support		20,304				3,000		23,304
Subtotal Defense Human Resource Activities		27,509				3,000		30,509
Defense Information Systems Agency								
Budget Activity 06: Management Support								
06 0208045K C4I Interoperability		55,361						55,361
FY 2022 Appropriated Base		55,361						55,361
06 0305172K Combined Advanced Applications		15,696						15,696
FY 2022 Appropriated Base		15,696						15,696
06 0305208K Distributed Common Ground/Surface Systems		3,073						3,073
FY 2022 Appropriated Base		3,073						3,073
06 0903235K Joint Service Provider (JSP)		2,645						2,645
FY 2022 Appropriated Base		2,645						2,645
Subtotal Budget Activity 06: Management Support		76,775						76,775

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 07: Operational Systems Development								
07 0604532K Joint Artificial Intelligence		10,033				138,414		148,447
FY 2022 Appropriated Base		10,033				138,414		148,447
2 / Program adjustment - gargoyles expansion						-9,150		
2 / Program adjustment - ceres duplication						-5,500		
2 / Program adjustment - horae duplication						-4,000		
Transfer from line 272						186,639		
Transfer to OMDW, line 4GT9 for proper execution - responsible AI (RAI)						-4,250		
Transfer to OMDW, line 4GT9 for proper execution - strategy and policy						-4,775		
Transfer to OMDW, line 4GT9 for proper execution - JCF/infrastructure						-19,800		
Transfer to OMDW, line 4GT9 for proper execution - PB&A						-750		
07 0302019K Defense Info Infrastructure Engineering and Integration		16,233						16,233
FY 2022 Appropriated Base		16,233						16,233
07 0303126K Long-Haul Communications - DCS		10,275						10,275
FY 2022 Appropriated Base		10,275						10,275
07 0303131K Minimum Essential Emergency Communications Network (MEECN)		4,892						4,892
FY 2022 Appropriated Base		4,892						4,892
07 0303140K Information Systems Security Program		5,707						5,707
FY 2022 Appropriated Base		5,707						5,707
07 0303150K Global Command and Control System		4,150						4,150
FY 2022 Appropriated Base		4,150						4,150
07 0303153K Defense Spectrum Organization		19,302						19,302
FY 2022 Appropriated Base		19,302						19,302
07 0303228K Joint Regional Security Stacks (JRSS)		9,342						9,342
FY 2022 Appropriated Base		9,342						9,342
07 0708012K Logistics Support Activities		1,690						1,690
FY 2022 Appropriated Base		1,690						1,690
Subtotal Budget Activity 07: Operational Systems Development		81,624				138,414		220,038

Base for Reprogramming Actions								
(Dollars in Thousands)								
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Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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Budget Activity 08: Software And Digital Technology Pilot Programs								
08 0604532K Joint Artificial Intelligence		186,639				-186,639		
FY 2022 Appropriated Base		186,639				-186,639		
Transfer to line 203 for lack of budget activity 08 justification						-186,639		
08 0303150K Global Command and Control System		32,774						32,774
FY 2022 Appropriated Base		32,774						32,774
Subtotal Budget Activity 08: Software And Digital Technology Pilot Programs		219,413				-186,639		32,774
Subtotal Defense Information Systems Agency		377,812				-48,225		329,587
Defense Logistics Agency								
Budget Activity 03: Advanced Technology Development								
03 0603680S Manufacturing Technology Program		37,543				46,725		84,268
FY 2022 Appropriated Base		37,543				46,725		84,268
1 / Program increase - steel performance initiative						10,000		
1 / Program increase - supply chain for readiness and sustainment						8,000		
1 / Program increase - rare earth recovery technology						2,000		
1 / Program increase - conversion of titanium scrap						5,000		
1 / Program increase - graphite materials						9,000		
1 / Program increase - nanostructured iron nitride permanent magnets						7,000		
1 / Program increase - PFAS compounds in food packaging materials research						3,000		
1 / Program increase - modeling and simulation competition						2,000		
4 / Realigned from DLA BA03 PE0603680S Manufacturing Technology Program to DLA BA03 PE0603720S Microelectronics Technology Development and Support to apply a reduction for non-pay/non-fuel inflation for proper execution						725		
03 0603712S Generic Logistics R&D Technology Demonstrations		12,418						12,418
FY 2022 Appropriated Base		12,418						12,418

Base for Reprogramming Actions									
(Dollars in Thousands)									
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Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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03	0603720S Microelectronics Technology Development and Support		160,821				48,275		209,096
	FY 2022 Appropriated Base		160,821				48,275		209,096
	1 / Program increase - qualified discrete parts						5,000		
	1 / Program increase - GaN-on-SI RF Front-end						30,000		
	1 / Program increase - on-shore test site						9,000		
	1 / Program increase - silicon carbide applications						5,000		
	4 / Realigned from DLA BA03 PE0603680S Manufacturing Technology Program to DLA BA03 PE0603720S Microelectronics Technology Development and Support to apply a reduction for non-pay/non-fuel inflation for proper execution						-725		
Subtotal Budget Activity 03: Advanced Technology Development			210,782				95,000		305,782
Budget Activity 05: System Development and Demonstration									
05	0605070S DOD Enterprise Systems Development and Demonstration		679						679
	FY 2022 Appropriated Base		679						679
05	0605080S Defense Agency Initiatives (DAI) - Financial System		32,254						32,254
	FY 2022 Appropriated Base		32,254						32,254
Subtotal Budget Activity 05: System Development and Demonstration			32,933						32,933
Budget Activity 07: Operational Systems Development									
07	0708012S Pacific Disaster Centers		1,799				4,000		5,799
	FY 2022 Appropriated Base		1,799				4,000		5,799
	1 / Program increase - global water security center						4,000		
07	0708047S Defense Property Accountability System		6,390						6,390
	FY 2022 Appropriated Base		6,390						6,390
Subtotal Budget Activity 07: Operational Systems Development			8,189				4,000		12,189
Subtotal Defense Logistics Agency			251,904				99,000		350,904
Defense Security Cooperation Agency									
Budget Activity 07: Operational Systems Development									
07	0607327T Global Theater Security Cooperation Management Information Systems (G-TSCMIS)		7,398						7,398
	FY 2022 Appropriated Base		7,398						7,398
Subtotal Budget Activity 07: Operational Systems Development			7,398						7,398

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Subtotal Defense Security Cooperation Agency		7,398						7,398
Defense Technical Information Center								
Budget Activity 06: Management Support								
06 0605801KA Defense Technical Information Center (DTIC)		61,453						61,453
FY 2022 Appropriated Base		61,453						61,453
06 0605998KA Management HQ - Defense Technical Information Center (DTIC)		3,549						3,549
FY 2022 Appropriated Base		3,549						3,549
Subtotal Budget Activity 06: Management Support		65,002						65,002
Subtotal Defense Technical Information Center		65,002						65,002
Defense Threat Reduction Agency								
Budget Activity 01: Basic Research								
01 0601000BR DTRA Basic Research		11,828						11,828
FY 2022 Appropriated Base		11,828						11,828
Subtotal Budget Activity 01: Basic Research		11,828						11,828
Budget Activity 02: Applied Research								
02 0602718BR Counter Weapons of Mass Destruction Applied Research		197,011						197,011
FY 2022 Appropriated Base		197,011						197,011
Subtotal Budget Activity 02: Applied Research		197,011						197,011
Budget Activity 03: Advanced Technology Development								
03 0603160BR Counter Weapons of Mass Destruction Advanced Technology Development		399,362				10,500		409,862
FY 2022 Appropriated Base		399,362				10,500		409,862
1 / Program increase - data-driven methods of nuclear weapon discovery						4,000		
1 / Program increase - detection and tracking technology						4,000		
1 / Program increase - reduced order models						2,500		
Subtotal Budget Activity 03: Advanced Technology Development		399,362				10,500		409,862
Budget Activity 04: Advanced Component Development & Prototypes								
04 0604551BR Catapult		7,166						7,166
FY 2022 Appropriated Base		7,166						7,166
Subtotal Budget Activity 04: Advanced Component Development & Prototypes		7,166						7,166

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 05: System Development and Demonstration								
05 0605000BR								
Counter Weapons of Mass Destruction Systems Development		14,063						14,063
FY 2022 Appropriated Base		14,063						14,063
05 0605141BR								
Mission Assurance Risk Management System (MARMS)		5,500						5,500
FY 2022 Appropriated Base		5,500						5,500
Subtotal Budget Activity 05: System Development and Demonstration		19,563						19,563
Subtotal Defense Threat Reduction Agency		634,930				10,500		645,430
Missile Defense Agency								
Budget Activity 03: Advanced Technology Development								
03 0603176C								
Advanced Concepts and Performance Assessment		15,800				24,200		40,000
FY 2022 Appropriated Base		15,800				24,200		40,000
1 / Program increase - cyber operations						9,000		
1 / Program increase - hypersonic kill vehicles hardware in the loop upgrades						10,000		
1 / Program increase - cybersecurity						5,200		
03 0603180C								
Advanced Research		21,466				26,500		47,966
FY 2022 Appropriated Base		21,466				26,500		47,966
1 / Program increase - 3D printed high temperature nickel based alloys for hypersonic applications						4,000		
1 / Program increase - Benzoxazine for high-mach system thermal protection						5,000		
1 / Program increase - high speed flight experiment testing						12,500		
1 / Program increase - laser weapons optics tech risk mitigation						5,000		
Subtotal Budget Activity 03: Advanced Technology Development		37,266				50,700		87,966
Budget Activity 04: Advanced Component Development & Prototypes								
04 0603881C								
Ballistic Missile Defense Terminal Defense Segment		277,949				-64,567		213,382
FY 2022 Appropriated Base		277,949				-64,567		213,382
2 / Layered homeland defense lack of requirement						-64,567		
04 0603882C								
Ballistic Missile Defense Midcourse Defense Segment		745,144				-21,116		724,028
FY 2022 Appropriated Base		745,144				-21,116		724,028
2 / Layered homeland defense lack of requirement						-9,997		
2 / Incremental 9 unjustified cost growth						-10,119		
FFRDC Reductions (Sec. 8027)						-1,000		

Base for Reprogramming Actions										
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Appropriation Account Title:							Fiscal Year Program:			
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)							2022			
Line Item			Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0603884C	Ballistic Missile Defense Sensors		224,750				30,212		254,962
		FY 2022 Appropriated Base		224,750				30,212		254,962
	1 /	Program increase - cybersecurity						3,012		
	1 /	Program increase - HWIL and digital modeling capabilities for IMTP						27,200		
04	0603890C	BMD Enabling Programs		595,301				28,343		623,644
		FY 2022 Appropriated Base		595,301				28,343		623,644
	1 /	Program increase - cybersecurity						25,317		
	1 /	Program increase cybersecurity engineering						19,513		
	2 /	Layered homeland defense lack of requirement						-16,487		
04	0603891C	Special Programs - MDA		413,374						413,374
		FY 2022 Appropriated Base		413,374						413,374
04	0603892C	AEGIS BMD		732,512				-92,963		639,549
		FY 2022 Appropriated Base		732,512				-92,963		639,549
	1 /	Program increase - lightweight telescope for advanced AEGIS interceptor						6,000		
	2 /	Layered homeland defense lack of requirement						-98,963		
04	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati		603,448				-38,502		564,946
		FY 2022 Appropriated Base		603,448				-38,502		564,946
	1 /	Program increase - cybersecurity						2,000		
	1 /	Program increase - JADC2 interface						4,476		
	2 /	Layered homeland defense lack of requirement						-44,978		
04	0603898C	Ballistic Missile Defense Joint Warfighter Support		50,594						50,594
		FY 2022 Appropriated Base		50,594						50,594
04	0603904C	Missile Defense Integration & Operations Center (MDIOC)		52,403						52,403
		FY 2022 Appropriated Base		52,403						52,403
04	0603906C	Regarding Trench		11,952						11,952
		FY 2022 Appropriated Base		11,952						11,952
04	0603907C	Sea Based X-Band Radar (SBX)		147,241						147,241
		FY 2022 Appropriated Base		147,241						147,241
04	0603913C	Israeli Cooperative Programs		300,000						300,000
		FY 2022 Appropriated Base		300,000						300,000
04	0603914C	Ballistic Missile Defense Test		362,906				26,250		389,156
		FY 2022 Appropriated Base		362,906				26,250		389,156
	1 /	Program increase - test infrastructure improvements						26,250		

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Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
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04	0603915C								
	Ballistic Missile Defense Targets		553,334				7,144		560,478
	FY 2022 Appropriated Base		553,334				7,144		560,478
	1 / Program increase - architecture reactive target simulation development						20,000		
	1 / Program increase - missile defense system architecture integration and analysis center prototype						5,000		
	2 / Layered homeland defense lack of requirement						-9,127		
	2 / FTM-30 delay						-2,624		
	2 / FTM-42 delay						-264		
	2 / FTT-25 delay						-5,841		
04	0604102C								
	Guam Defense Development		78,300				34,100		112,400
	FY 2022 Appropriated Base		78,300				34,100		112,400
	1 / Program increase - Guam Defense System acceleration						40,000		
	2 / Delayed architecture submission						-5,900		
04	0604181C								
	Hypersonic Defense		247,931				39,865		287,796
	FY 2022 Appropriated Base		247,931				39,865		287,796
	1 / Program increase - partnered flight test participation						18,000		
	1 / Program increase - engineering enablers						11,865		
	1 / Program increase - disruptive technologies for future architectures						10,000		
04	0604873C								
	Long Range Discrimination Radar (LRDR)		133,335						133,335
	FY 2022 Appropriated Base		133,335						133,335
04	0604874C								
	Improved Homeland Defense Interceptors		926,125				-42,000		884,125
	FY 2022 Appropriated Base		926,125				-42,000		884,125
	2 / Next generation interceptor funds phasing						-42,000		
04	0604876C								
	Ballistic Missile Defense Terminal Defense Segment Test		32,697						32,697
	FY 2022 Appropriated Base		32,697						32,697
04	0604878C								
	Aegis BMD Test		117,055				-5,849		111,206
	FY 2022 Appropriated Base		117,055				-5,849		111,206
	2 / Layered homeland defense lack of requirement						-5,849		
04	0604879C								
	Ballistic Missile Defense Sensor Test		77,428						77,428
	FY 2022 Appropriated Base		77,428						77,428
04	0604880C								
	Land-Based SM-3 (LBSM3)		43,158						43,158
	FY 2022 Appropriated Base		43,158						43,158

Base for Reprogramming Actions								
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04 0604887C Ballistic Missile Defense Midcourse Segment Test		61,424						61,424
FY 2022 Appropriated Base		61,424						61,424
04 0202057C Safety Program Management		2,323						2,323
FY 2022 Appropriated Base		2,323						2,323
04 0305103C Cyber Security Initiative		1,142						1,142
FY 2022 Appropriated Base		1,142						1,142
04 1206893C Space Tracking & Surveillance System		15,176						15,176
FY 2022 Appropriated Base		15,176						15,176
04 1206895C Ballistic Missile Defense System Space Programs		292,811						292,811
FY 2022 Appropriated Base		292,811						292,811
04 0604115C Technology Maturation Initiatives						39,200		39,200
FY 2022 Appropriated Base						39,200		39,200
1 / Program increase - directed energy						33,200		
1 / Program increase - diode pumped alkali laser						6,000		
04 0604672C Homeland Defense Radar - Hawaii						75,000		75,000
FY 2022 Appropriated Base						75,000		75,000
1 / Program increase - Homeland defense radar - Hawaii						75,000		
Subtotal Budget Activity 04: Advanced Component Development & Prototypes		7,099,813				15,117		7,114,930
Budget Activity 06: Management Support								
06 0901598C Management HQ - MDA		24,102						24,102
FY 2022 Appropriated Base		24,102						24,102
Subtotal Budget Activity 06: Management Support		24,102						24,102
Subtotal Missile Defense Agency		7,161,181				65,817		7,226,998
National Security Agency								
Budget Activity 07: Operational Systems Development								
07 0303136G Key Management Infrastructure (KMI)		83,751						83,751
FY 2022 Appropriated Base		83,751						83,751
07 0303140G Information Systems Security Program		423,745				24,000		447,745
FY 2022 Appropriated Base		423,745				24,000		447,745
1 / Program increase - cyber activities at senior military colleges						24,000		
Subtotal Budget Activity 07: Operational Systems Development		507,496				24,000		531,496
Subtotal National Security Agency		507,496				24,000		531,496

Base for Reprogramming Actions								
(Dollars in Thousands)								
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OSD								
Budget Activity 01: Basic Research								
01 0601108D8Z High Energy Laser Research Initiatives		15,390				4,952		20,342
FY 2022 Appropriated Base		15,390				4,952		20,342
1 / Program Increase - high energy laser research						5,000		
FFRDC Reductions (Sec. 8027)						-48		
01 0601110D8Z Basic Research Initiatives		39,828				36,874		76,702
FY 2022 Appropriated Base		39,828				36,874		76,702
1 / Program increase - asymmetric threat analysis						8,000		
1 / Program increase - Minerva						10,000		
1 / Program increase - DEPCOR						19,000		
FFRDC Reductions (Sec. 8027)						-126		
01 0601120D8Z National Defense Education Program		112,195				32,646		144,841
FY 2022 Appropriated Base		112,195				32,646		144,841
1 / Program increase - SMART diversification activities						2,000		
1 / Program increase - STEM programs						14,000		
1 / Program increase - civics education						2,000		
1 / Program increase - civil society						15,000		
FFRDC Reductions (Sec. 8027)						-354		
01 0601228D8Z Historically Black Colleges and Universities/Minority Institutions		31,136				68,766		99,902
FY 2022 Appropriated Base		31,136				68,766		99,902
1 / Program increase						68,864		
FFRDC Reductions (Sec. 8027)						-98		
Subtotal Budget Activity 01: Basic Research		198,549				143,238		341,787
Budget Activity 02: Applied Research								
02 0602000D8Z Joint Munitions Technology		19,591				938		20,529
FY 2022 Appropriated Base		19,591				938		20,529
1 / Project increase - next generation explosives and propellants						1,000		
FFRDC Reductions (Sec. 8027)						-62		
02 0602230D8Z Defense Technology Innovation		22,918				-5,490		17,428
FY 2022 Appropriated Base		22,918				-5,490		17,428
2 / Insufficient justification						-5,418		
FFRDC Reductions (Sec. 8027)						-72		
02 0602234D8Z Lincoln Laboratory Research Program		55,692				-176		55,516
FY 2022 Appropriated Base		55,692				-176		55,516
FFRDC Reductions (Sec. 8027)						-176		

Base for Reprogramming Actions									
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02	0602251D8Z	Applied Research for the Advancement of S&T Priorities			65,015		-6,033		58,982
		FY 2022 Appropriated Base			65,015		-6,033		58,982
	2 /	Unjustified growth					-5,828		
		FFRDC Reductions (Sec. 8027)					-205		
02	0602668D8Z	Cyber Security Research			15,380		9,951		25,331
		FY 2022 Appropriated Base			15,380		9,951		25,331
	1 /	Program increase - academic cyber institutes					10,000		
		FFRDC Reductions (Sec. 8027)					-49		
02	0602751D8Z	Software Engineering Institute (SEI) Applied Research			9,601		-30		9,571
		FY 2022 Appropriated Base			9,601		-30		9,571
		FFRDC Reductions (Sec. 8027)					-30		
02	0602890D8Z	High Energy Laser Research			45,997		-145		45,852
		FY 2022 Appropriated Base			45,997		-145		45,852
		FFRDC Reductions (Sec. 8027)					-145		
Subtotal Budget Activity 02: Applied Research			234,194				-985		233,209
Budget Activity 03: Advanced Technology Development									
03	0603000D8Z	Joint Munitions Advanced Technology			23,213		6,927		30,140
		FY 2022 Appropriated Base			23,213		6,927		30,140
	1 /	Program increase -energetics revitalization					7,000		
		FFRDC Reductions (Sec. 8027)					-73		
03	0603121D8Z	SO/LIC Advanced Development			4,665				4,665
		FY 2022 Appropriated Base			4,665				4,665
03	0603122D8Z	Combating Terrorism Technology Support			69,376		72,500		141,876
		FY 2022 Appropriated Base			69,376		72,500		141,876
	1 /	Program increase - anti-tunneling					47,500		
	1 /	Program increase - cooperative C-UAS development					25,000		
03	0603133D8Z	Foreign Comparative Testing			25,432		-80		25,352
		FY 2022 Appropriated Base			25,432		-80		25,352
		FFRDC Reductions (Sec. 8027)					-80		
03	0603183D8Z	Joint Hypersonic Technology Development &Transition			51,340		-162		51,178
		FY 2022 Appropriated Base			51,340		-162		51,178
		FFRDC Reductions (Sec. 8027)					-162		
03	0603225D8Z	Joint DoD-DoE Munitions Technology Development			19,063		-60		19,003
		FY 2022 Appropriated Base			19,063		-60		19,003
		FFRDC Reductions (Sec. 8027)					-60		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
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Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03 0603288D8Z								
Analytic Assessments		24,012				-76		23,936
FY 2022 Appropriated Base		24,012				-76		23,936
FFRDC Reductions (Sec. 8027)						-76		
03 0603289D8Z								
Advanced Innovative Analysis and Concepts		51,513				-5,162		46,351
FY 2022 Appropriated Base		51,513				-5,162		46,351
2 / Unjustified growth						-5,000		
FFRDC Reductions (Sec. 8027)						-162		
03 0603338D8Z								
Defense Modernization and Prototyping		115,443				-18,864		96,579
FY 2022 Appropriated Base		115,443				-18,864		96,579
1 / Program increase - emerging capabilities technology development hypersonics modeling and simulation center for excellence						4,600		
1 / Program increase - open source intelligence						3,000		
1 / Program increase - ship-based multi-sensor prototype development and demonstration						8,000		
Transfer from p721, Conceptual Prototyping to support DoD Modernization Priorities, to line 106, for RDER projects only						-34,100		
FFRDC Reductions (Sec. 8027)						-364		
03 0603342D8Z								
Defense Innovation Unit (DIU)		31,873				-5,124		26,749
FY 2022 Appropriated Base		31,873				-5,124		26,749
2 / Unjustified increase						-5,024		
FFRDC Reductions (Sec. 8027)						-100		
03 0603375D8Z								
Technology Innovation		54,433				-14,672		39,761
FY 2022 Appropriated Base		54,433				-14,672		39,761
2 / Unjustified growth						-14,500		
FFRDC Reductions (Sec. 8027)						-172		
03 0603527D8Z								
RETRACT LARCH		99,175				-313		98,862
FY 2022 Appropriated Base		99,175				-313		98,862
FFRDC Reductions (Sec. 8027)						-313		
03 0603618D8Z								
Joint Electronic Advanced Technology		18,221				-57		18,164
FY 2022 Appropriated Base		18,221				-57		18,164
FFRDC Reductions (Sec. 8027)						-57		
03 0603648D8Z								
Joint Capability Technology Demonstrations		102,669				-324		102,345
FY 2022 Appropriated Base		102,669				-324		102,345
FFRDC Reductions (Sec. 8027)						-324		

Base for Reprogramming Actions									
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Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603662D8Z	Networked Communications Capabilities			2,984		-9		2,975
		FY 2022 Appropriated Base			2,984		-9		2,975
		FFRDC Reductions (Sec. 8027)					-9		
03	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program			134,022		121,222		255,244
		FY 2022 Appropriated Base			134,022		121,222		255,244
	1 /	Project increase - cybersecurity manufacturing innovation park					1,000		
	1 /	Project increase - automation engineering technology program					1,981		
	1 /	Project increase - El Paso Makes contract support for El Paso manufacturers					964		
	1 /	Program increase					9,000		
	1 /	Program increase - difficult-to-copy manufacturing					7,000		
	1 /	Program increase - certification-based workforce training programs for manufacturing jobs of the future					6,200		
	1 /	Program increase - silicon based lasers					10,000		
	1 /	Program increase - carbon composites for hypersonics					3,000		
	1 /	Program increase - high temperature carbon composites manufacturing					3,000		
	1 /	Program increase - hypersonic enabling additive manufacturing					10,000		
	1 /	Program increase - hypersonic thermal management research					5,000		
	1 /	Program increase - advanced manufacturing					2,000		
	1 /	Program increase - advanced materials and materials manufacturing processes					6,000		
	1 /	Program increase - high performance computing - enabled advanced manufacturing					25,000		
	1 /	Program increase - domestic textile manufacturing					7,500		
	1 /	Program increase - data analytics ad visualization system					12,000		
	1 /	Program increase - natural gas pipeline pilot study					5,000		
	1 /	Program increase - virtual reality-enabled smart installation experimentation					5,000		
	1 /	Program increase - advanced robotics and automation training					2,000		
		FFRDC Reductions (Sec. 8027)					-423		

Base for Reprogramming Actions									
(Dollars in Thousands)									
Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603716D8Z	Strategic Environmental Research Program			51,863		39,708		91,571
		FY 2022 Appropriated Base			51,863		39,708		91,571
	1 /	Program increase - PFAS remediation and disposal technology					15,000		
	1 /	Program increase - AFFF replacement, disposal, and cleanup technology					15,000		
	1 /	Program increase					10,000		
		FFRDC Reductions (Sec. 8027)					-292		
03	0603727D8Z	Joint Warfighting Program			2,169		-12		2,157
		FY 2022 Appropriated Base			2,169		-12		2,157
		FFRDC Reductions (Sec. 8027)					-12		
03	0603769D8Z	Distributed Learning Advanced Technology Development			6,398		-342		6,056
		FY 2022 Appropriated Base			6,398		-342		6,056
		FFRDC Reductions (Sec. 8027)					-342		
03	0603781D8Z	Software Engineering Institute			14,677		-46		14,631
		FY 2022 Appropriated Base			14,677		-46		14,631
		FFRDC Reductions (Sec. 8027)					-46		
03	0603924D8Z	High Energy Laser Advanced Technology Program			107,397		-24,238		83,159
		FY 2022 Appropriated Base			107,397		-24,238		83,159
	2 /	Additional HELSI directed energy system excess to Phase II requirement					-23,900		
		FFRDC Reductions (Sec. 8027)					-338		
03	0603941D8Z	Test & Evaluation Science & Technology			267,161		197,689		464,850
		FY 2022 Appropriated Base			267,161		197,689		464,850
	1 /	Program increase - space testing facilities					10,000		
	1 /	Program increase - lab and test range upgrades - space					33,000		
	1 /	Program increase - advancements to large energy national shock tunnels					20,000		
	1 /	Program increase - lab and test range upgrades - electromagnetic spectrum					30,000		
	1 /	Program increase - lab and test range upgrades - directed energy					11,000		
	1 /	Program increase - lab and test range upgrades - targets					41,000		

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Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
1 / Program increase - improving capacity hypersonics flight tests						63,000		
2 / Unjustified growth						-10,000		
FFRDC Reductions (Sec. 8027)						-311		
03 0603950D8Z National Security Innovation Network		21,270				14,933		36,203
FY 2022 Appropriated Base		21,270				14,933		36,203
1 / Program increase						10,000		
1 / Program increase - national security innovation network						5,000		
FFRDC Reductions (Sec. 8027)						-67		
03 0604055D8Z Operational Energy Capability Improvement		74,300				34,182		108,482
FY 2022 Appropriated Base		74,300				34,182		108,482
1 / Program increase - advanced thermal systems for directed energy						11,600		
1 / Program increase - TRISO advanced nuclear fuel						10,000		
1 / Program increase - climate programs						13,000		
FFRDC Reductions (Sec. 8027)						-418		
Subtotal Budget Activity 03: Advanced Technology Development		1,372,669				417,620		1,790,289
Budget Activity 04: Advanced Component Development & Prototypes								
04 0603161D8Z Nuclear and Conventional Physical Security Equipment RDT&E ADC&P		28,687				-162		28,525
FY 2022 Appropriated Base		28,687				-162		28,525
FFRDC Reductions (Sec. 8027)						-162		
04 0603600D8Z WALKOFF		108,652						108,652
FY 2022 Appropriated Base		108,652						108,652
04 0603851D8Z Environmental Security Technical Certification Program		71,429				51,308		122,737
FY 2022 Appropriated Base		71,429				51,308		122,737
1 / Program increase - PFAS remediation and disposal technology						28,710		
1 / Program increase - AFFF replacement, disposal, and cleanup technology						5,000		
1 / Program increase - PFAS destruction technologies						15,000		
1 / Program increase - sustainable technology evaluation and demonstration program						3,000		
FFRDC Reductions (Sec. 8027)						-402		

Base for Reprogramming Actions									
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Appropriation Account Title:							Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)							2022		
Line Item		Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
04	0603923D8Z	Coalition Warfare	5,103				-29		5,074
		FY 2022 Appropriated Base	5,103				-29		5,074
		FFRDC Reductions (Sec. 8027)					-29		
04	0604011D8Z	Next Generation Information Communications Technology (5G)	374,665				-38,180		336,485
		FY 2022 Appropriated Base	374,665				-38,180		336,485
	2 /	Tranche 2 growth without transition plans					-32,000		
	2 /	External engagement - unjustified and excess growth					-5,000		
		FFRDC Reductions (Sec. 8027)					-1,180		
04	0604016D8Z	Department of Defense Corrosion Program	3,259				-18		3,241
		FY 2022 Appropriated Base	3,259				-18		3,241
		FFRDC Reductions (Sec. 8027)					-18		
04	0604250D8Z	Advanced Innovative Technologies	716,456				60,743		777,199
		FY 2022 Appropriated Base	716,456				60,743		777,199
	1 /	Program increase - pele mobile nuclear microreactor					60,000		
	1 /	Program increase - - predictive autonomous navigational routing system phase II					3,000		
		FFRDC Reductions (Sec. 8027)					-2,257		
04	0604294D8Z	Trusted & Assured Microelectronics	509,195				194,896		704,091
		FY 2022 Appropriated Base	509,195				194,896		704,091
	1 /	Program increase - radiation-hardened fully-depleted silicon-on-insulator microelectronics					18,000		
	1 /	Program increase - GaN and GaAs RFIC technology					25,000		
	1 /	Program increase - advanced node radiation-hardened fully-depleted silicon-on-insulator technology					43,500		
	1 /	Program increase - trusted artificial intelligence					10,000		
	1 /	Program increase - design acceleration					100,000		
		FFRDC Reductions (Sec. 8027)					-1,604		
04	0604331D8Z	Rapid Prototyping Program	103,575				33,774		137,349
		FY 2022 Appropriated Base	103,575				33,774		137,349
		Transfer from line 142, p721, for RDER projects only					34,100		
		FFRDC Reductions (Sec. 8027)					-326		
04	0604341D8Z	Defense Innovation Unit (DIU) Prototyping	11,213				4,965		16,178
		FY 2022 Appropriated Base	11,213				4,965		16,178
	1 /	Program increase - long duration energy storage, including lithium batteries					5,000		
		FFRDC Reductions (Sec. 8027)					-35		

Base for Reprogramming Actions									
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Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)							2022		
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04	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	2,778				4,984		7,762
		FY 2022 Appropriated Base	2,778				4,984		7,762
	1 /	Program increase - unmanned traffic management					5,000		
		FFRDC Reductions (Sec. 8027)					-16		
04	0604555D8Z	Operational Energy Capability Improvement - Non S&T	23,200				-131		23,069
		FY 2022 Appropriated Base	23,200				-131		23,069
		FFRDC Reductions (Sec. 8027)					-131		
04	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	3,519				-110		3,409
		FY 2022 Appropriated Base	3,519				-110		3,409
		FFRDC Reductions (Sec. 8027)					-110		
Subtotal Budget Activity 04: Advanced Component Development & Prototypes			1,961,731				312,040		2,273,771
Budget Activity 05: System Development and Demonstration									
05	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	5,682				-32		5,650
		FY 2022 Appropriated Base	5,682				-32		5,650
		FFRDC Reductions (Sec. 8027)					-32		
05	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	9,345				11,947		21,292
		FY 2022 Appropriated Base	9,345				11,947		21,292
	1 /	Program increase - cyber resilience and analysis capability for installation and missile resiliency					12,000		
		FFRDC Reductions (Sec. 8027)					-53		
05	0605022D8Z	Defense Exportability Program	5,447				-31		5,416
		FY 2022 Appropriated Base	5,447				-31		5,416
		FFRDC Reductions (Sec. 8027)					-31		
05	0605027D8Z	OUS(D) IT Development Initiatives	16,892						16,892
		FY 2022 Appropriated Base	16,892						16,892
05	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	7,148				-40		7,108
		FY 2022 Appropriated Base	7,148				-40		7,108
		FFRDC Reductions (Sec. 8027)					-40		
05	0605294D8Z	Trusted & Assured Microelectronics	113,895				-359		113,536
		FY 2022 Appropriated Base	113,895				-359		113,536
		FFRDC Reductions (Sec. 8027)					-359		

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05	0605772D8Z	Nuclear Command, Control, & Communications			3,991		-22		3,969
		FY 2022 Appropriated Base			3,991		-22		3,969
		FFRDC Reductions (Sec. 8027)					-22		
05	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)			2,227		-13		2,214
		FY 2022 Appropriated Base			2,227		-13		2,214
		FFRDC Reductions (Sec. 8027)					-13		
05	0305310D8Z	CWMD Systems: System Development and Demonstration			20,246		-114		20,132
		FY 2022 Appropriated Base			20,246		-114		20,132
		FFRDC Reductions (Sec. 8027)					-114		
Subtotal Budget Activity 05: System Development and Demonstration			184,873				11,336		196,209
Budget Activity 06: Management Support									
06	0604774D8Z	Defense Readiness Reporting System (DRRS)			7,508		-341		7,167
		FY 2022 Appropriated Base			7,508		-341		7,167
		FFRDC Reductions (Sec. 8027)					-341		
06	0604875D8Z	Joint Systems Architecture Development			7,859		-44		7,815
		FY 2022 Appropriated Base			7,859		-44		7,815
		FFRDC Reductions (Sec. 8027)					-44		
06	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)			550,140		444,011		994,151
		FY 2022 Appropriated Base			550,140		444,011		994,151
	1 /	Program increase - hypersonic test facilities					29,500		
	1 /	Program increase - AESA radars for test infrastructure					200,000		
	1 /	Program increase C-band and X-band decoy systems for test infrastructure					40,000		
	1 /	Program increase - lab and test range upgrades - electromagnetic spectrum					105,478		
	1 /	Program increase - lab and test range upgrades - hypersonics					36,000		
	1 /	Program increase - lab and test range upgrades - directed energy					11,000		
	1 /	Program increase - lab and test range upgrades - targets					18,000		
	1 /	Program increase - lab and test range upgrades - telemetry extension SATCOM relay					4,500		
		FFRDC Reductions (Sec. 8027)					-467		

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06	0604942D8Z	Assessments and Evaluations	17,980				-101		17,879
		FY 2022 Appropriated Base	17,980				-101		17,879
		FFRDC Reductions (Sec. 8027)					-101		
06	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	71,410						71,410
		FY 2022 Appropriated Base	71,410						71,410
06	0605142D8Z	Systems Engineering	40,030				-126		39,904
		FY 2022 Appropriated Base	40,030				-126		39,904
		FFRDC Reductions (Sec. 8027)					-126		
06	0605151D8Z	Studies and Analysis Support - OSD	4,612						4,612
		FY 2022 Appropriated Base	4,612						4,612
06	0605161D8Z	Nuclear Matters-Physical Security	14,429				-81		14,348
		FY 2022 Appropriated Base	14,429				-81		14,348
		FFRDC Reductions (Sec. 8027)					-81		
06	0605170D8Z	Support to Networks and Information Integration	4,759						4,759
		FY 2022 Appropriated Base	4,759						4,759
06	0605200D8Z	General Support to USD (Intelligence)	1,952				8,500		10,452
		FY 2022 Appropriated Base	1,952				8,500		10,452
	1 /	Program increase - applied research laboratory for intelligence and security					8,500		
06	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	3,639				-11		3,628
		FY 2022 Appropriated Base	3,639				-11		3,628
		FFRDC Reductions (Sec. 8027)					-11		
06	0605797D8Z	Maintaining Technology Advantage	25,889				918		26,807
		FY 2022 Appropriated Base	25,889				918		26,807
	1 /	Program increase - securing American science and technology program					1,000		
		FFRDC Reductions (Sec. 8027)					-82		
06	0605798D8Z	Defense Technology Analysis	39,774				-4,625		35,149
		FY 2022 Appropriated Base	39,774				-4,625		35,149
	1 /	Program increase - technology and transition enhancement and acceleration					3,000		
	2 /	Excess growth					-7,500		
		FFRDC Reductions (Sec. 8027)					-125		

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06 0605804D8Z Development Test and Evaluation		27,366				-86		27,280
FY 2022 Appropriated Base		27,366				-86		27,280
FFRDC Reductions (Sec. 8027)						-86		
06 0606100D8Z Budget and Program Assessments		15,438				-1,444		13,994
FY 2022 Appropriated Base		15,438				-1,444		13,994
2 / Lack of congressional support						-1,444		
06 0606225D8Z ODNA Technology and Resource Analysis		2,897				2,000		4,897
FY 2022 Appropriated Base		2,897				2,000		4,897
1 / Program increase - rapidly scalable resilient communications						2,000		
06 0606771D8Z Cyber Resiliency and Cybersecurity Policy		31,638				-178		31,460
FY 2022 Appropriated Base		31,638				-178		31,460
FFRDC Reductions (Sec. 8027)						-178		
06 0203345D8Z Defense Operations Security Initiative (DOSI)		2,925						2,925
FY 2022 Appropriated Base		2,925						2,925
06 0303260D8Z Defense Military Deception Program Office (DMDPO)		969				-119		850
FY 2022 Appropriated Base		969				-119		850
FFRDC Reductions (Sec. 8027)						-119		
06 0305245D8Z Intelligence Capabilities and Innovation Investments						60,000		60,000
FY 2022 Appropriated Base						60,000		60,000
1 / Program Increase						60,000		
06 0605128D8Z Classified Program USD(P)						108,112		108,112
FY 2022 Appropriated Base						108,112		108,112
1 / Classified adjustment						108,112		
Subtotal Budget Activity 06: Management Support		871,214				616,385		1,487,599
Budget Activity 07: Operational Systems Development								
07 0607210D8Z Industrial Base Analysis and Sustainment Support		58,189				277,221		335,410
FY 2022 Appropriated Base		58,189				277,221		335,410
1 / Program increase - systems engineering technician education initiative						550		
1 / Program increase						10,000		
1 / Program increase - digital thread manufacturing demonstration						8,000		
1 / Program increase - heavy rare earth separation technologies						80,000		
1 / Program increase - rare earth separation technologies						4,000		

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a								
1 / Program increase - career and technical education pilot						10,000		
1 / Program increase - digital engineering enabled workforce development						7,000		
1 / Program increase - enhanced digital capabilities						7,000		
1 / Program increase - ruggedized transceivers						10,000		
1 / Program increase - freeze dried plasma						10,000		
1 / Program increase - submarine workforce development						20,000		
1 / Program increase - resilient manufacturing ecosystem						2,500		
1 / Program increase - lead-free electronics						7,500		
1 / Program increase - precision optics manufacturing						4,000		
1 / Program increase - machine tooling and advanced manufacturing						20,000		
1 / Program increase - metal-organic framework						7,500		
1 / Program increase - weldable ultra hard armor						3,000		
1 / Program increase - pilot mask technology						5,000		
1 / Program increase - advanced headborne systems manufacturing						7,500		
1 / Program increase - automated textile manufacturing						10,000		
1 / Program increase - carbon/carbon industrial base management						6,000		
1 / Program increase - defense supply chain enhancement						10,000		
1 / Program increase - industrial skills initiative						10,000		
1 / Program increase -interdisciplinary center for advanced manufacturing						10,000		
1 / Program increase - rare earth elements and critical minerals recovery technique demonstration						3,000		
1 / Program increase - accelerated training in defense manufacturing						5,000		
FFRDC Reductions (Sec. 8027)						-329		
07 0607310D8Z CWMD Systems: Operational Systems Development		18,721				-105		18,616
FY 2022 Appropriated Base		18,721				-105		18,616
FFRDC Reductions (Sec. 8027)						-105		
07 0303140D8Z Information Systems Security Program		49,191				20,000		69,191
FY 2022 Appropriated Base		49,191				20,000		69,191
1 / Program increase - center for academic excellence						20,000		

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
07 0305186D8Z Policy R&D Programs		4,843				-252		4,591
FY 2022 Appropriated Base		4,843				-252		4,591
FFRDC Reductions (Sec. 8027)						-252		
07 0305199D8Z Net Centricity		13,471				-339		13,132
FY 2022 Appropriated Base		13,471				-339		13,132
FFRDC Reductions (Sec. 8027)						-339		
07 0305387D8Z Homeland Defense Technology Transfer Program		1,273						1,273
FY 2022 Appropriated Base		1,273						1,273
Subtotal Budget Activity 07: Operational Systems Development		145,688				296,525		442,213
Budget Activity 08: Software And Digital Technology Pilot Programs								
08 0608648D8Z Acquisition Visibility - Software Pilot Program		18,307				-103		18,204
FY 2022 Appropriated Base		18,307				-103		18,204
FFRDC Reductions (Sec. 8027)						-103		
08 0308588D8Z Algorithmic Warfare Cross Functional Teams - Software Pilot Program		247,452				27,900		275,352
FY 2022 Appropriated Base		247,452				27,900		247,452
Ukrainian Supplemental, Division N of P.L. 117-103						27,900		27,900
Ukraine Assistance Supplemental (Div. N)						27,900		
Subtotal Budget Activity 08: Software And Digital Technology Pilot Programs		265,759				27,797		293,556
Subtotal OSD		5,234,677				1,823,956		7,058,633
Space Development Agency								
Budget Activity 03: Advanced Technology Development								
03 1206310SDA Space Science and Technology Research and Development		172,638						172,638
FY 2022 Appropriated Base		172,638						172,638
Subtotal Budget Activity 03: Advanced Technology Development		172,638						172,638

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 04: Advanced Component Development & Prototypes								
04 1206410SDA Space Technology Development and Prototyping		636,179				568,000		1,204,179
FY 2022 Appropriated Base		636,179				568,000		1,204,179
1 / Program increase 0 laser communications router demonstration system						12,000		
1 / Program increase - space networking center						18,000		
1 / Program increase - INDOPACOM missile tracking demonstration						550,000		
Transfer from SDA Tranche 1 satellite cost savings to SDA Tranche 1 launch integration						-20,000		
Transfer SDA Tranche 1 satellite cost savings to SDA Tranche 1 launch integration (BA01 Major Equipment, SDA, Procurement, DW)						-12,000		
Transfer to SDA Tranche 1 launch integration from SDA Tranche 1 satellite cost savings						20,000		
Subtotal Budget Activity 04: Advanced Component Development & Prototypes		636,179				568,000		1,204,179
Subtotal Space Development Agency		808,817				568,000		1,376,817
Special Operations Command								
Budget Activity 02: Applied Research								
02 1160401BB SOF Technology Development		44,829				6,500		51,329
FY 2022 Appropriated Base		44,829				6,500		51,329
1 / Program increase - LRUSV asymmetric strike and decoy package						1,500		
1 / Program increase - sustained human performance and resilience						5,000		
Subtotal Budget Activity 02: Applied Research		44,829				6,500		51,329
Budget Activity 03: Advanced Technology Development								
03 1160402BB SOF Advanced Technology Development		93,415				19,000		112,415
FY 2022 Appropriated Base		93,415				19,000		112,415
1 / Program increase - assessing and tracking tactical forces initiative						4,000		
1 / Program increase - identity threat mitigation and force protection initiative						15,000		
Subtotal Budget Activity 03: Advanced Technology Development		93,415				19,000		112,415

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Budget Activity 07: Operational Systems Development								
07 0305208BB Distributed Common Ground/Surface Systems		5,994						5,994
FY 2022 Appropriated Base		5,994						5,994
07 1105219BB MQ-9 UAV		19,065				44,000		63,065
FY 2022 Appropriated Base		19,065				44,000		63,065
1 / Program increase - speed loader agile pod						10,000		
1 / Program increase - self protection pods						34,000		
07 1160403BB Aviation Systems		173,537						173,537
FY 2022 Appropriated Base		173,537						173,537
07 1160405BB Intelligence Systems Development		32,766				-2,367		30,399
FY 2022 Appropriated Base		32,766				-2,367		30,399
2 / MMP program decrease						-2,367		
07 1160408BB Operational Enhancements		145,830				33,400		179,230
FY 2022 Appropriated Base		145,830				33,400		179,230
1 / Program increase - classified adjustment						12,000		
1 / Program increase - AISUM						21,400		
07 1160431BB Warrior Systems		78,592				46,881		125,473
FY 2022 Appropriated Base		78,592				46,881		125,473
1 / Program increase - special operations fused global data analytics and visualization						8,000		
1 / Program increase - software-defines radio waveforms						10,000		
1 / Program increase - maritime scalable effects acceleration						4,211		
1 / Program increase - various effects launcher capability						16,000		
1 / Program increase - cUAS						8,670		
07 1160432BB Special Programs		6,486				4,000		10,486
FY 2022 Appropriated Base		6,486				4,000		10,486
1 / Program increase - overmatch visual augmentation						4,000		
07 1160434BB Unmanned ISR		18,006						18,006
FY 2022 Appropriated Base		18,006						18,006
07 1160480BB SOF Tactical Vehicles		7,703						7,703
FY 2022 Appropriated Base		7,703						7,703
07 1160483BB Maritime Systems		58,430				4,200		62,630
FY 2022 Appropriated Base		58,430				4,200		62,630
1 / Program increase - diver propulsion						4,200		
07 1160490BB Operational Enhancements Intelligence		10,990				5,000		15,990
FY 2022 Appropriated Base		10,990				5,000		15,990
1 / Program increase - carbon fiber and graphic foam						5,000		
Subtotal Budget Activity 07: Operational Systems Development		557,399				135,114		692,513
Subtotal Special Operations Command		695,643				160,614		856,257

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023 (0400D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
The Joint Staff								
Budget Activity 04: Advanced Component Development & Prototypes								
04 0604826J Joint C5 Capability Development, Integration and interoperability Assessments		17,439						17,439
FY 2022 Appropriated Base		17,439						17,439
Subtotal Budget Activity 04: Advanced Component Development & Prototypes		17,439						17,439
Budget Activity 06: Management Support								
06 0603829J Joint Capability Experimentation		8,444						8,444
FY 2022 Appropriated Base		8,444						8,444
06 0605126J Joint Integrated Air and Missile Defense Organization (JIAMDO)		52,671						52,671
FY 2022 Appropriated Base		52,671						52,671
06 0204571J Joint Staff Analytical Support		977						977
FY 2022 Appropriated Base		977						977
06 0804768J COCOM Exercise Engagement and Training Transformation (CE2T2) - non-MHA		29,530						29,530
FY 2022 Appropriated Base		29,530						29,530
Subtotal Budget Activity 06: Management Support		91,622						91,622
Subtotal The Joint Staff		109,061						109,061
Washington Headquarters Services								
Budget Activity 06: Management Support								
06 0606589D8W Defense Digital Service (DDS) Development Support		918						918
FY 2022 Appropriated Base		918						918
Subtotal Budget Activity 06: Management Support		918						918
Subtotal Washington Headquarters Services		918						918
Grand Total Research, Development, Test, and Evaluation, Defense-Wide, 2022/2023		25,857,875				3,241,328		29,099,203
Financing								
APPROPRIATION, P.L. 117-103 (Base)		25,857,875				3,207,911		29,065,786
Ukrainian Supplemental, Division N of P.L. 117-103						51,745		51,745
FFRDC Reductions						-18,328		-18,328
Subtotal General Provision Reductions								-18,328
Subtotal General Provisions								-18,328
TOTAL FINANCING - FY 2022 PROGRAM		25,857,875				3,241,328		29,099,203
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
2 / This effort was specifically reduced by one or more of the congressional committees. Below Threshold Reprogramming (BTR) authority cannot be used to restore specific congressional reductions.								
4 / This item reflects an adjustment to realign a congressionally modified item. Realigns funds from DLA BA03 PE0603680S Manufacturing Technology Program to DLA BA03 PE0603720S Microelectronics Technology Development and Support to apply a reduction for non-pay/non-fuel inflation for proper execution. The adjustment does not change the purpose for which the funds were apportioned.								
For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions								
(Dollars in Thousands)								
Appropriation Account Title:						Fiscal Year Program:		
Operational Test and Evaluation, Defense, 2022/2023 (0460D)						2022		
Line Item	Program Base Presented to Congress in Printed Justification		Approved Changes Prior to Final Congressional Action		Changes Reflecting Congressional Action/Intent		Program Base Reflecting Congressional/Presidential Action	
	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
OTE								
Budget Activity 06: Management Support								
06 0605118OTE Operational Test and Evaluation		105,394						105,394
FY 2022 Appropriated Base		105,394						105,394
06 0605131OTE Live Fire Test and Evaluation		68,549				35,000		103,549
FY 2022 Appropriated Base		68,549				35,000		103,549
1 / Program increase - lab and test range upgrades - space						9,000		
1 / Program increase - lab and test range upgrades - electromagnetic spectrum						13,000		
1 / Program increase - lab and test range upgrades - hypersonics						7,000		
1 / Program increase - lab and test range upgrades - targets						6,000		
06 0605814OTE Operational Test Activities and Analyses		42,648				25,000		67,648
FY 2022 Appropriated Base		42,648				25,000		67,648
1 / Program increase - lab and test range upgrades - directed energy						12,000		
1 / Program increase - lab and test range upgrades - targets						13,000		
Subtotal Budget Activity 06: Management Support		216,591				60,000		276,591
Subtotal OTE		216,591				60,000		276,591
Grand Total Operational Test and Evaluation, Defense, 2022/2023		216,591				60,000		276,591
Financing								
APPROPRIATION, P.L. 117-103 (Base)		216,591				60,000		276,591
TOTAL FINANCING - FY 2022 PROGRAM		216,591				60,000		276,591
Footnotes:								
1 / One of the congressional reports specifically provided funds for this item using the phrases "only for" or "only to," or the item appears in one of the project level tables. Congressional prior approval is required before decreasing funds on this program.								
For Research, Development, Test, and Evaluation, the Below Threshold Reprogramming limitation is \$10 million or 20%, whichever is less, for each budget line item.								